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COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

ANDERSON, IND.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-11

The background of the lower half of the cover is a dark, textured area with a vertical wood-grain pattern. On the left side, there is a stylized white silhouette of a city skyline with several skyscrapers of varying heights. In the center and right, there are numerous white silhouettes of houses of various shapes and sizes, some with gabled roofs and others with flat roofs, arranged in a 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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CENSUS OF
HOUSING**

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Housing
Characteristics

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STATISTICAL AREA

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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†	8, 18*	—	—
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

INTRODUCTION—Continued

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

**Anderson, Ind.
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 11.]

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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		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
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Counties, Standard Metropolitan Statistical Areas, and Selected Places

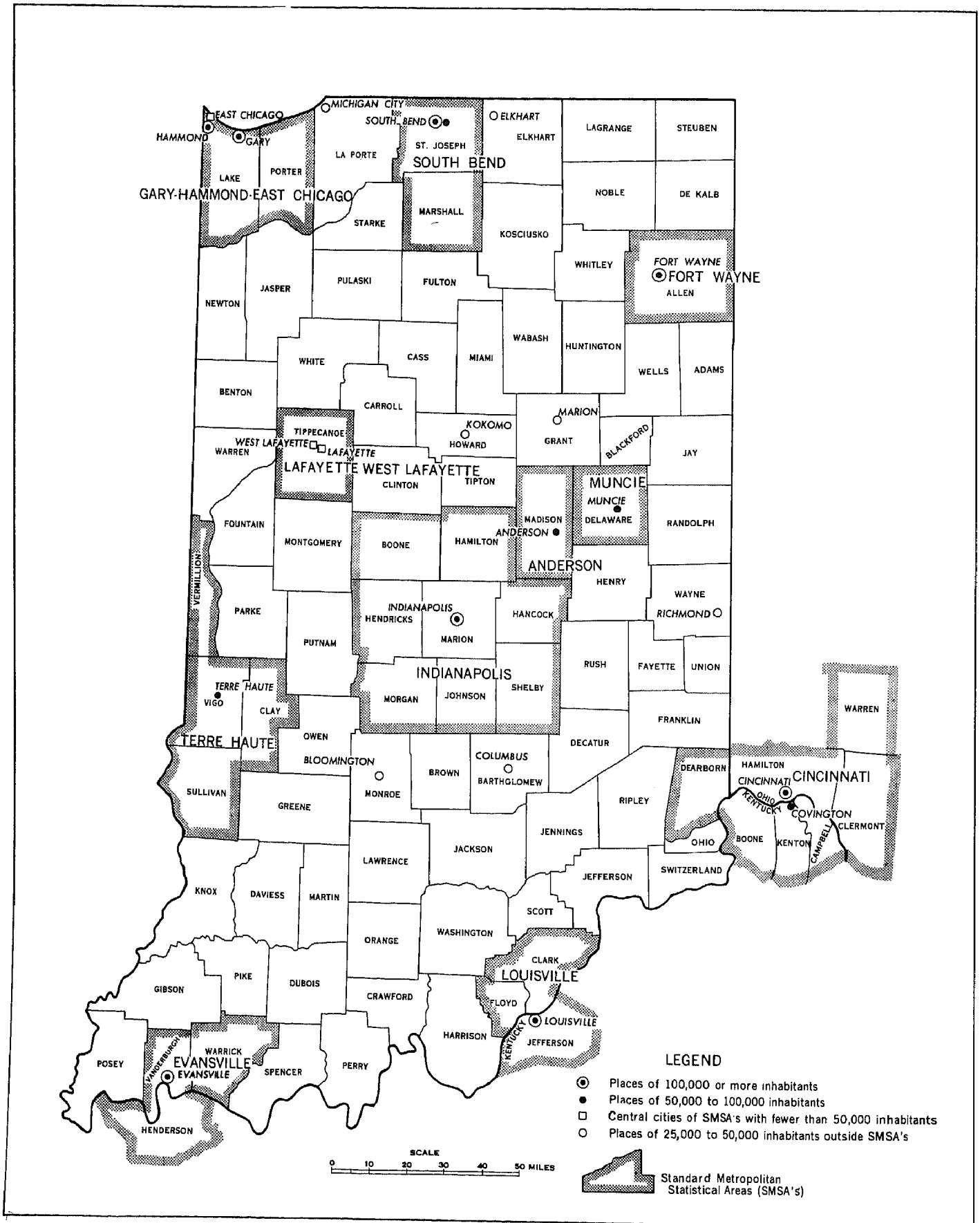


Table A-1. Value of Owner Occupied Housing Units: 1970

[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	27 815	1 174	2 582	3 896	4 843	3 932	5 796	3 072	1 824	517	179	13 400
ROOMS												
1 and 2 rooms.....	59	24	5	—	20	—	10	—	—	—	—	...
3 rooms.....	438	99	170	77	27	32	23	5	5	5	—	6 800
4 rooms.....	4 937	375	795	1 034	1 264	747	570	101	33	9	9	10 500
5 rooms.....	10 689	363	909	1 469	2 077	1 797	2 757	962	322	19	14	13 200
6 rooms.....	6 914	232	459	760	856	1 685	1 385	595	80	80	28	16 000
7 rooms.....	2 972	71	200	401	342	333	510	412	524	168	11	16 300
8 rooms or more.....	1 806	10	44	155	257	189	241	207	350	236	117	20 200
Median.....	5.3	4.7	4.9	5.1	5.0	5.2	5.3	5.8	6.4	7.4	7.5+	...
PERSONS												
1 person.....	3 392	282	564	780	678	439	400	153	57	24	15	10 300
2 persons.....	8 324	385	861	1 211	1 553	1 128	1 647	866	491	103	79	12 800
3 persons.....	4 743	137	375	621	763	686	1 114	580	332	106	29	14 200
4 persons.....	5 354	136	269	504	887	800	1 343	795	458	143	19	15 300
5 persons.....	3 238	117	181	411	440	526	764	441	275	57	26	14 700
6 persons or more.....	2 764	117	332	369	522	353	528	237	211	84	11	12 800
Median.....	3.0	2.3	2.3	2.5	2.7	3.1	3.3	3.4	3.6	3.7	2.4	...
Units with roomers, boarders, or lodgers.....	213	24	20	55	46	26	26	11	5	—	—	10 400
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities												
0.50 or less.....	17 395	962	2 520	3 851	4 802	3 914	5 776	3 056	1 818	517	179	13 500
0.51 to 1.00.....	23 642	547	1 417	2 139	2 475	1 802	2 538	1 399	860	310	155	12 800
1.01 to 1.50.....	12 107	334	788	1 451	1 957	1 892	2 921	1 600	949	191	24	14 500
1.51 or more.....	1 444	71	258	220	330	210	279	57	9	10	—	11 300
1.51 or more.....	202	10	57	41	40	10	38	—	—	6	—	9 600
Lacking some or all plumbing facilities.....	420	212	62	45	41	18	20	16	6	—	—	5 000
0.50 or less.....	267	111	36	36	41	14	20	9	—	—	—	6 600
0.51 to 1.00.....	92	54	16	9	—	—	—	7	6	—	—	...
1.01 to 1.50.....	45	31	10	—	—	4	—	—	—	—	—	...
1.51 or more.....	16	16	—	—	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1.....	928	144	288	80	191	103	80	22	—	20	—	8 500
2.....	10 800	654	1 362	1 936	2 676	1 560	1 700	547	286	19	60	11 400
3.....	13 922	240	619	1 369	1 642	2 109	3 945	2 407	1 206	284	81	16 300
4 or more.....	2 405	74	156	256	415	311	288	207	389	189	120	14 900
YEAR STRUCTURE BUILT												
1969 to March 1970.....	512	—	—	—	15	23	115	110	183	49	17	24 700
1965 to 1968.....	2 377	—	31	11	57	179	704	658	527	185	25	21 600
1960 to 1964.....	3 610	17	21	37	226	468	1 412	896	410	82	41	18 700
1950 to 1959.....	6 368	56	208	514	1 098	1 122	1 831	936	423	112	68	15 500
1940 to 1949.....	3 564	122	352	647	852	647	1 110	176	110	12	—	11 900
1939 or earlier.....	11 384	979	1 970	2 687	2 595	1 493	1 088	296	171	77	28	10 100
COMPLETE BATHROOMS												
1 and 1 1/2.....	23 783	875	2 442	3 751	4 607	3 707	5 071	2 295	909	86	40	12 600
2 and 2 1/2.....	3 170	28	27	171	177	180	561	730	858	354	84	23 000
3 or more.....	165	5	12	8	8	7	6	6	29	68	30	38 400
None or also used by another household.....	609	277	148	69	41	26	25	16	7	—	—	5 500
HOUSEHOLD COMPOSITION												
Two-or-more-person households	24 423	892	2 018	3 116	4 165	3 493	5 396	2 919	1 767	493	164	13 900
Male head, wife present, no nonrelatives.....	22 109	702	1 675	2 632	3 723	3 189	5 039	2 809	1 714	474	152	14 300
Under 25 years.....	882	17	79	100	166	227	54	25	—	—	—	13 400
25 to 34 years.....	4 237	96	219	422	732	716	1 070	551	351	67	13	14 800
35 to 44 years.....	5 518	106	318	582	807	765	1 363	838	559	144	36	15 600
45 to 64 years.....	8 928	310	758	1 045	1 502	1 182	1 966	1 169	667	247	82	14 300
65 years and over.....	2 544	173	301	483	516	413	197	112	16	16	21	11 500
Other male head.....	497	31	49	108	122	69	65	29	11	13	—	11 200
Under 25 years.....	372	26	24	82	87	55	45	29	11	13	—	11 600
25 to 34 years.....	125	5	25	26	35	14	20	—	—	—	—	10 500
35 to 44 years.....	1 817	159	294	376	320	292	81	42	6	12	10	10 600
45 to 64 years.....	1 323	100	175	250	242	191	251	67	36	6	5	11 400
65 years and over.....	494	59	126	78	44	41	14	6	—	—	—	8 900
Female head.....	1 817	159	294	376	320	292	81	42	6	12	10	10 600
Under 25 years.....	1 323	100	175	250	242	191	251	67	36	6	5	11 400
25 to 34 years.....	494	59	126	78	44	41	14	6	—	—	—	8 900
35 to 44 years.....	1 323	100	175	250	242	191	251	67	36	6	5	11 400
45 to 64 years.....	494	59	126	78	44	41	14	6	—	—	—	8 900
65 years and over.....	1 817	159	294	376	320	292	81	42	6	12	10	10 600
One-person households.....	3 392	282	564	780	678	439	400	153	57	24	15	10 300
Under 65 years.....	1 577	92	188	331	354	230	253	96	23	10	—	11 300
65 years and over.....	1 815	190	376	449	324	209	147	57	34	14	15	9 400
INCOME IN 1969												
Less than \$2,000.....	1 931	322	384	452	306	184	187	74	14	8	—	8 900
\$2,000 to \$2,999.....	959	81	219	234	144	117	123	27	9	—	5	9 400
\$3,000 to \$3,999.....	1 060	78	234	245	237	100	111	23	20	5	7	9 700
\$4,000 to \$4,999.....	1 035	83	125	188	307	103	133	55	31	10	—	11 000
\$5,000 to \$5,999.....	1 012	80	143	224	186	125	158	61	25	5	—	10 800
\$6,000 to \$6,999.....	1 203	98	217	206	270	134	202	54	22	—	—	10 700
\$7,000 to \$9,999.....	5 718	269	508	1 034	1 272	1 032	1 103	296	149	30	5	12 100
\$10,000 to \$14,999.....	8 695	123	554	944	1 480	1 470	2 270	1 159	583	82	30	14 600
\$15,000 to \$24,999.....	5 312	35	177	334	597	608	1 367	1 168	776	224	26	18 300
\$25,000 or more.....	890	5	21	35	44	59	142	155	175	153	101	24 500
Median.....	\$10 600	\$5 300	\$6 900	\$8 200	\$9 300	\$10 600	\$11 900	\$14 100	\$15 500	\$20 300	\$28 000	...
YEAR MOVED INTO UNIT												
1969 to March 1970.....	2 881	102	186	329	372	334	708	376	358	91	25	15 700
1968.....	2 068	66	130	232	320	366	471	256	143	53	31	14 500
1967.....	1 654	77	104	192	300	247	355	166	142	58	13	14 100
1965 and 1966.....	3 567	112	165	362	525	545	881	590	301	75	11	15 500
1960 to 1964.....	5 820	153	535	629	959	726	1 397	815	478	89	39	14 700
1950 to 1959.....	6 815	249	687	1 019	1 335	1 057	1 340	708	289	103	28	12 800
1949 or earlier.....	4 922	421	815	1 240	1 022	645	505	136	92	39	7	10 000
HEATING EQUIPMENT												
Steam or hot water.....	2 718	11	86	174	317	331	690	644	309	146	10	18 300
Warm-air furnace.....	18 306	237	1 169	2 592	3 697	3 072	4 165	1 862	1 089	285	138	13 700
Built-in electric units.....	2 133	—	34	53	125	212	697	510	405	78	19	19 700
Floor, wall, or pipeless furnace.....	1 487	171	328	422	347	138	46	25	10	—</		

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	10 772	373	506	956	1 186	2 429	1 879	1 728	844	92	5	774	95
ROOMS													
1 room	300	99	43	41	37	59	17	-	4	-	-	-	62
2 rooms	710	73	99	179	126	96	46	30	-	-	-	61	69
3 rooms	2 708	120	210	485	472	785	304	220	11	-	-	101	80
4 rooms	3 456	56	77	192	348	764	658	740	423	4	5	189	106
5 rooms	2 295	17	55	45	154	534	540	522	203	48	-	177	109
6 rooms	892	4	17	9	33	138	206	134	158	31	-	162	116
7 rooms	232	-	5	-	6	28	70	48	19	9	-	47	115
8 rooms or more	179	4	-	5	10	25	38	34	26	-	-	37	114
Median	3.9	2.6	3.0	3.0	3.4	3.9	4.4	4.3	4.5	...	...	4.7	...
PERSONS													
1 person	3 092	307	292	514	462	597	262	248	102	5	5	298	76
2 persons	3 008	33	136	233	413	704	510	524	279	6	-	170	96
3 persons	1 908	5	49	101	180	490	400	341	212	27	-	103	104
4 persons	1 412	6	24	63	80	291	368	314	123	43	-	100	110
5 persons	648	6	-	29	19	145	159	145	92	11	-	42	113
6 persons or more	704	16	5	16	32	202	180	156	36	-	-	61	106
Median	2.3	1.1	1.4	1.4	1.8	2.4	2.9	2.8	2.7	...	...	2.0	...
Units with roomers, boarders, or lodgers	166	-	11	8	43	43	30	15	16	-	-	-	89
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	10 276	243	430	859	1 156	2 356	1 874	1 724	834	92	5	703	97
0.50 or less	4 789	171	264	512	640	908	682	720	419	22	5	446	90
0.51 to 1.00	4 630	68	156	284	468	1 088	974	847	377	70	-	198	101
1.01 to 1.50	679	-	5	50	25	215	159	137	34	-	-	54	102
1.51 or more	178	4	5	13	23	45	59	20	4	-	-	5	98
Lacking some or all plumbing facilities	496	130	76	97	30	73	5	4	10	-	-	71	61
0.50 or less	250	43	50	50	14	37	-	-	5	-	-	10	56
0.51 to 1.00	183	75	20	23	16	25	5	4	5	-	-	5	...
1.01 to 1.50	43	12	6	9	11	11	-	-	-	-	-	5	...
1.51 or more	20	-	-	15	-	-	-	-	-	-	-	5	...
BEDROOMS													
None	681	192	91	211	101	60	26	-	-	-	-	-	63
1	3 656	206	325	475	617	1 112	405	327	-	-	-	189	82
2	4 640	43	86	160	206	955	1 306	1 117	498	-	-	269	111
3 or more	1 852	40	66	21	92	348	271	345	261	110	-	298	115
YEAR STRUCTURE BUILT													
1969 to March 1970	231	-	6	5	6	9	17	61	73	34	-	20	151
1965 to 1968	829	6	22	16	4	28	90	339	263	29	-	32	141
1960 to 1964	726	6	23	24	14	88	85	276	165	10	-	35	131
1950 to 1959	1 504	19	22	54	140	320	363	315	153	-	-	108	108
1940 to 1939	1 699	25	40	164	197	523	362	181	59	-	-	148	93
1939 or earlier	5 783	317	393	693	825	1 461	962	556	131	9	5	431	85
ELEVATOR IN STRUCTURE													
4 floors or more	191	-	24	55	46	22	-	22	22	-	-	-	...
With elevator	169	-	24	55	46	22	-	22	-	-	-	-	...
Walk-up	22	-	-	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	10 638	481	544	812	970	2 453	2 008	1 767	737	110	-	756	97
COMPLETE BATHROOMS													
1 and 1 1/2	9 957	204	345	872	1 185	2 306	1 833	1 686	838	50	6	632	97
2 or more	232	-	8	6	-	20	8	47	39	34	-	70	145
None or also used by another household	617	119	118	109	45	100	24	5	6	-	-	91	62
INCOME IN 1969													
Less than \$2,000	1 511	168	128	250	199	304	127	81	47	6	5	199	76
\$2,000 to \$2,999	707	57	46	94	104	168	59	92	22	-	-	60	82
\$3,000 to \$3,999	853	18	88	101	114	207	140	78	20	-	-	87	84
\$4,000 to \$4,999	822	14	39	85	141	190	116	176	27	4	-	30	90
\$5,000 to \$5,999	695	11	48	53	109	140	116	85	39	-	-	38	94
\$6,000 to \$6,999	869	32	47	56	81	229	184	114	71	-	-	55	96
\$7,000 to \$9,999	2 919	43	84	217	295	711	633	526	238	24	-	148	101
\$10,000 to \$14,999	1 779	17	26	64	100	373	365	456	229	48	-	101	114
\$15,000 to \$24,999	570	13	-	36	43	70	99	115	138	-	-	56	119
\$25,000 or more	47	-	-	-	-	9	16	11	-	-	-	-	-
Median	\$7 000	\$2 300	\$3 900	\$4 400	\$5 300	\$6 800	\$7 800	\$8 400	\$9 400	...	...	\$5 300	...
YEAR MOVED INTO UNIT													
1969 to March 1970	5 307	67	158	375	610	1 264	933	1 045	636	77	-	142	102
1968	1 650	64	25	124	126	412	313	364	147	-	-	75	102
1967	831	39	35	59	88	172	155	127	42	-	-	114	96
1965 and 1966	986	49	60	118	75	220	245	124	23	-	-	72	94
1960 to 1964	905	14	76	146	170	181	150	46	14	-	6	102	80
1950 to 1959	805	84	81	122	132	151	39	26	15	-	-	155	73
1949 or earlier	322	6	36	43	29	26	30	6	6	7	-	133	73
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 204	116	94	224	164	286	179	93	40	6	-	...	80
10 to 14 percent	2 313	19	120	167	355	745	432	315	160	-	-	...	92
15 to 19 percent	1 903	34	80	108	138	427	509	405	181	21	-	...	106
20 to 24 percent	1 277	38	50	78	121	211	262	353	152	12	-	...	111
25 to 34 percent	1 159	47	29	116	124	252	229	169	154	39	-	...	101
35 percent or more	2 024	113	128	233	267	471	249	387	157	14	5	...	89
Not computed	892	6	5	28	17	37	19	6	-	-	-	774	81
AIR CONDITIONING													
Room unit(s)	1 866	20	55	144	201	213	328	492	221	22	-	170	113
Central system	724	-	10	7	8	31	33	233	329	42	-	31	154
None	8 216	303	406	836	1 021	2 182	1 504	1 013	333	20	6	592	90

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	32 762	2 534	1 272	1 322	1 275	1 342	1 480	6 749	9 822	5 889	1 077	10 200
ROOMS												
1 and 2 rooms	158	67	15	15	10	12	9	5	20	5	-	2 800
3 rooms	815	225	66	73	58	79	47	132	99	30	6	4 800
4 rooms	6 511	803	443	355	388	374	445	1 666	1 418	577	42	7 800
5 rooms	12 015	851	427	501	426	512	464	2 812	3 784	2 023	215	10 000
6 rooms	7 659	362	201	198	234	310	310	1 351	2 690	1 768	284	11 700
7 rooms or more	5 604	226	120	180	159	104	205	783	1 811	1 486	530	12 800
PERSONS												
1 person	4 437	1 658	620	436	326	215	211	656	235	43	37	2 900
2 persons	10 159	585	486	620	645	684	597	1 925	2 779	1 540	298	9 300
3 and 4 persons	11 632	169	127	179	235	452	452	2 687	4 226	2 749	505	12 000
5 persons	3 520	52	15	42	46	74	113	785	1 455	826	112	12 200
6 persons or more	3 014	70	24	45	23	66	107	696	1 127	731	125	12 100
Units with roomers, boarders, or lodgers	260	41	-	15	10	18	23	78	46	29	-	7 900
BEDROOMS												
Less than 3	14 791	1 831	1 034	840	1 077	761	667	3 176	3 761	1 503	141	8 100
3	15 103	495	271	304	197	488	539	2 781	5 746	3 581	701	12 200
4 or more	2 855	37	42	121	-	83	67	561	779	779	287	12 900
YEAR STRUCTURE BUILT												
1969 to March 1970	859	15	31	45	15	49	24	146	310	187	37	11 700
1960 to 1968	7 122	195	129	84	141	180	247	1 360	2 669	1 799	316	12 300
1950 to 1959	6 992	357	165	176	224	194	244	1 550	2 183	1 621	278	11 300
1949 or earlier	17 789	1 967	947	1 015	895	919	965	3 693	4 660	2 282	446	8 800
YEAR MOVED INTO UNIT												
1969 to March 1970	3 558	144	77	126	99	211	170	903	1 163	577	88	10 200
1968	2 414	93	25	37	97	100	118	642	843	369	90	10 600
1960 to 1967	12 726	700	261	256	319	401	563	2 879	4 383	2 570	394	11 100
1959 or earlier	14 055	1 634	874	883	816	609	699	2 475	3 251	2 353	461	8 800
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	23 288	916	706	653	656	706	739	4 500	8 242	5 159	1 011	11 700
Clothes dryer	22 081	745	457	628	538	707	661	4 115	7 978	5 214	1 038	12 000
Dishwasher	4 296	76	19	81	21	56	107	378	1 383	1 699	476	15 200
Home food freezer	12 407	677	412	341	412	500	359	2 097	4 081	3 031	497	11 700
Owned second home	1 804	137	36	19	127	20	61	164	566	447	227	13 000
With air conditioning	10 222	444	265	263	307	350	400	1 829	3 234	2 570	560	11 900
Room unit(s)	7 961	355	259	230	266	271	350	1 579	2 552	1 856	243	11 300
Central system	2 261	89	6	33	41	79	50	250	682	714	317	14 300
Automobiles available:												
1	16 761	1 120	661	930	972	1 004	1 115	4 479	4 520	1 769	191	8 700
2	11 481	219	120	120	162	196	332	1 974	4 462	3 249	647	12 900
3 or more	1 865	39	-	12	30	19	-	171	572	834	188	16 100
Renter occupied housing units	11 428	1 566	727	861	847	730	900	3 129	1 964	642	62	7 100
ROOMS												
1 room	306	100	36	34	23	7	15	55	25	11	-	3 500
2 rooms	710	215	84	70	106	49	49	110	33	12	-	3 800
3 rooms	2 733	554	263	293	272	31	228	649	247	54	6	4 900
4 rooms	3 518	383	175	322	269	216	292	1 041	593	204	23	7 300
5 rooms	2 477	164	128	88	122	211	199	845	513	196	11	8 200
6 rooms or more	1 684	150	41	54	55	98	117	429	553	165	22	9 300
PERSONS												
1 person	3 141	1 010	352	356	254	122	179	679	165	18	6	3 600
2 persons	3 148	288	203	282	354	237	224	741	583	210	26	6 900
3 and 4 persons	3 511	196	106	177	169	208	367	1 198	827	254	9	8 300
5 persons	795	36	29	23	41	56	72	251	170	102	15	8 700
6 persons or more	833	34	37	23	29	107	58	260	219	58	6	8 500
Units with roomers, boarders, or lodgers	176	43	21	15	14	6	10	43	10	14	-	4 600
BEDROOMS												
None	681	225	42	65	108	45	-	154	16	26	-	4 100
1	3 656	986	407	346	399	156	246	778	242	76	20	4 200
2	4 810	411	157	349	273	399	440	1 594	878	245	64	7 700
3 or more	2 294	180	18	23	121	253	111	940	450	148	50	8 400
YEAR STRUCTURE BUILT												
1969 to March 1970	237	17	-	20	14	32	17	71	50	16	-	7 800
1960 to 1968	1 578	92	100	53	139	64	126	489	355	143	17	8 300
1950 to 1959	1 532	153	93	125	121	95	115	340	385	105	-	7 600
1949 or earlier	8 081	1 304	534	663	573	539	642	2 229	1 174	378	45	6 700
YEAR MOVED INTO UNIT												
1969 to March 1970	5 468	576	314	453	476	399	522	1 521	916	275	16	7 000
1968	1 688	147	96	154	131	122	156	430	378	69	5	7 300
1960 to 1967	2 969	417	204	212	138	135	206	808	612	230	7	7 600
1959 or earlier	1 312	347	160	81	97	48	53	226	196	92	12	4 700
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied!	10 772	1 511	707	853	822	695	869	2 919	1 779	570	47	6 900
Less than 15 percent	3 517	5	-	-	23	79	222	1 343	1 264	514	47	10 300
15 to 19 percent	1 903	4	12	68	134	222	262	861	340	-	-	7 900
20 to 24 percent	1 277	4	46	115	237	171	209	456	39	-	-	6 300
25 to 34 percent	1 159	36	151	358	229	149	110	111	15	-	-	4 200
35 percent or more	2 024	1 145	438	225	169	36	38	-	-	-	-	2000-
Not computed	892	317	60	87	30	-	-	148	101	56	-	3 800
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	3 277	233	58	130	91	240	270	1 269	759	163	64	8 500
Clothes dryer	2 930	283	58	86	154	144	209	1 116	668	148	64	8 400
Dishwasher	522	20	17	43	19	21	22	182	92	62	44	9 000
Home food freezer	1 063	121	-	20	15	84	27	436	223	89	48	8 800
Owned second home	255	59	-	-	-	61	47	25	21	42	-	...
With air conditioning	2 682	214	142	201	227	87	122	684	704	285	16	8 500
Room unit(s)	1 958	157	103	161	157	58	83	509	523	191	16	8 500
Central system	724	57	39	40	70	29	39	175	181	94	-	8 500
Automobiles available:												
1	6 848	561	440	549	529	481	677	2 160	1 113	311	27	7 300
2	2 182	37	40	75	94	100	145	558	834	286	13	10 300
3 or more	201	10	6	12	6	6	19	33	65	44	-	10 700

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					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	32 762	32 142	16 591	13 710	1 620	221	620	408	138	51	23
PERSONS											
1 person.....	4 437	4 184	4 184	--	--	--	253	244	9	--	--
2 persons.....	10 159	9 961	9 595	356	--	10	198	156	42	--	--
3 persons.....	5 674	5 641	2 296	3 345	--	--	33	8	25	--	--
4 persons.....	5 958	5 908	381	5 514	13	--	50	--	44	6	--
5 persons.....	3 520	3 492	135	3 063	279	15	28	--	14	14	--
6 persons or more.....	3 014	2 956	--	1 432	1 328	196	58	--	4	31	23
Median.....	2.8	2.8	1.9	4.1	6.4	7.5+	1.8	1.3	3.2	...	...
Units with roomers, boarders, or lodgers.....	260	254	86	141	22	5	6	--	--	6	--
YEAR STRUCTURE BUILT											
1969 to March 1970.....	840	833	307	481	45	--	7	7	--	--	--
1965 to 1968.....	2 903	2 889	988	1 791	102	8	14	14	--	--	--
1960 to 1964.....	3 969	3 948	1 417	2 282	237	12	21	7	--	--	14
1950 to 1959.....	7 039	6 969	3 256	3 220	404	89	70	46	24	--	--
1940 to 1949.....	3 958	3 884	2 150	1 515	173	46	74	51	13	10	--
1939 or earlier.....	14 044	13 582	8 365	4 431	685	101	462	290	115	42	15
INCOME IN 1969											
Less than \$2,000.....	2 534	2 334	2 037	256	41	--	200	176	24	--	--
\$2,000 to \$2,999.....	1 272	1 203	1 076	111	16	--	69	49	20	--	--
\$3,000 to \$3,999.....	1 322	1 290	1 051	198	35	6	22	27	5	--	--
\$4,000 to \$4,999.....	1 275	1 225	994	209	18	4	50	30	15	--	5
\$5,000 to \$5,999.....	1 342	1 307	892	352	59	8	35	4	21	10	--
\$6,000 to \$6,999.....	1 480	1 460	861	506	85	8	20	10	10	--	--
\$7,000 to \$9,999.....	6 749	6 601	2 942	3 119	510	30	148	68	25	37	18
\$10,000 to \$14,999.....	9 822	9 781	3 774	5 348	566	93	41	30	11	--	--
\$15,000 to \$24,999.....	5 889	5 864	2 371	3 156	271	66	25	14	7	4	--
\$25,000 or more.....	1 077	1 077	593	455	19	10	--	--	--	--	--
Median.....	\$10 200	\$10 300	\$8 400	\$12 000	\$10 400	\$13 100	\$4 200	\$2 600	\$5 200	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	27 815	27 395	13 642	12 107	1 444	202	420	267	92	45	16
Less than 1.5.....	14 906	14 680	5 822	7 658	1 022	178	226	106	63	41	16
1.5 to 1.9.....	5 057	5 039	2 349	2 432	246	12	19	14	4	--	--
2.0 to 2.4.....	2 529	2 510	1 365	1 080	65	5	19	15	--	4	--
2.5 to 2.9.....	1 327	1 312	931	336	33	12	15	9	6	--	--
3.0 to 3.9.....	1 364	1 313	1 017	268	28	--	51	32	19	--	--
4.0 or more.....	2 361	2 291	1 954	293	44	--	70	70	--	--	--
Not computed.....	271	250	204	40	6	--	21	21	--	--	--
HEATING EQUIPMENT											
Steam or hot water.....	3 177	3 138	1 794	1 274	65	5	39	29	6	4	--
Warm-air furnace.....	21 446	21 265	10 932	9 159	1 033	141	181	124	57	--	--
Built-in electric units.....	2 419	2 415	975	1 333	101	6	4	4	--	--	--
Floor, wall, or pipeless furnace.....	1 688	1 654	842	672	112	28	34	25	9	--	--
Other means.....	4 010	3 648	2 037	1 267	303	41	362	226	66	47	23
None.....	22	22	11	5	6	--	--	--	--	--	--
Renter occupied housing units	11 428	10 869	4 994	4 976	715	184	559	281	199	48	31
PERSONS											
1 person.....	3 141	2 837	2 620	217	--	--	304	234	70	--	--
2 persons.....	3 148	3 049	1 999	1 039	--	11	99	43	56	4	--
3 persons.....	2 011	1 973	307	1 639	27	--	38	4	30	4	--
4 persons.....	1 500	1 463	41	1 285	118	19	37	--	26	11	9
5 persons.....	795	781	27	576	156	22	14	--	5	--	--
6 persons or more.....	833	766	--	220	414	132	67	--	12	33	22
Median.....	2.3	2.4	1.5	3.3	5.7	6.9	1.4	1.1	2.0	...	...
Units with roomers, boarders, or lodgers.....	176	176	51	111	4	10	--	--	--	--	--
YEAR STRUCTURE BUILT											
1969 to March 1970.....	221	221	83	133	--	5	--	--	--	--	--
1965 to 1968.....	843	843	463	307	23	--	--	--	--	--	--
1960 to 1964.....	685	656	325	301	20	10	29	15	7	--	7
1950 to 1959.....	1 606	1 568	642	802	113	11	38	19	6	7	6
1940 to 1949.....	1 741	1 692	698	824	136	34	49	23	26	--	--
1939 or earlier.....	6 341	5 943	2 880	2 540	381	142	398	185	150	42	21
INCOME IN 1969											
Less than \$2,000.....	1 566	1 398	924	415	42	17	168	114	43	11	--
\$2,000 to \$2,999.....	727	667	422	190	48	7	60	36	13	11	--
\$3,000 to \$3,999.....	861	802	443	296	63	--	59	35	20	4	--
\$4,000 to \$4,999.....	847	820	411	359	15	35	27	18	5	--	4
\$5,000 to \$5,999.....	730	695	257	351	56	31	35	4	22	--	9
\$6,000 to \$6,999.....	900	856	327	446	71	12	44	5	32	--	7
\$7,000 to \$9,999.....	3 129	3 027	1 214	1 541	233	39	102	39	47	10	6
\$10,000 to \$14,999.....	1 964	1 913	755	1 003	133	22	51	24	17	5	5
\$15,000 to \$24,999.....	642	629	209	355	44	21	13	6	--	7	--
\$25,000 or more.....	62	62	32	20	10	--	--	--	--	--	--
Median.....	\$7 100	\$7 200	\$6 100	\$7 800	\$7 800	\$6 200	\$3 900	\$2 700	\$5 800	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	10 772	10 276	4 789	4 630	679	178	496	250	183	43	20
Less than 10 percent.....	1 204	1 089	464	534	65	26	115	43	54	12	6
10 to 14 percent.....	2 313	2 269	897	1 207	154	11	44	11	28	5	--
15 to 19 percent.....	1 903	1 847	778	855	160	54	56	26	21	--	9
20 to 24 percent.....	1 277	1 245	521	623	52	49	32	11	17	4	--
25 to 34 percent.....	1 159	1 112	557	452	87	16	47	27	15	5	--
35 percent or more.....	2 024	1 903	1 062	722	102	17	121	76	33	12	--
Not computed.....	892	811	510	237	59	5	81	56	15	5	5
HEATING EQUIPMENT											
Steam or hot water.....	1 688	1 620	935	629	52	4	68	42	26	--	--
Warm-air furnace.....	5 907	5 765	2 605	2 726	329	105	142	46	74	12	10
Built-in electric units.....	390	385	198	171	16	--	5	5	--	--	--
Floor, wall, or pipeless furnace.....	819	796	316	367	96	17	23	10	13	--	--
Other means.....	2 615	2 299	936	1 083	222	58	316	173	86	36	21
None.....	9	4	4	--	--	--	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	32 762	19	139	815	6 511	12 015	7 659	3 394	2 210	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	31 826	8	84	673	6 215	11 818	7 438	3 426	2 164	5.3
PERSONS										
1 person	4 437	9	97	362	1 474	1 502	627	216	150	4.7
2 persons	10 159	10	42	356	2 710	4 011	1 818	811	401	5.0
3 persons	5 674	-	-	59	1 143	2 168	1 356	616	332	5.3
4 persons	5 958	-	-	19	747	2 164	1 900	747	381	5.5
5 persons	3 520	-	-	15	293	1 264	1 034	516	398	5.7
6 persons or more	3 014	-	-	4	144	906	924	488	548	6.0
Median	2.8	...	1.2	1.6	2.2	2.7	3.5	3.6	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	32 142	10	106	694	6 328	11 875	7 560	3 375	2 194	5.3
0.50 or less	16 591	-	64	299	4 069	5 418	3 729	1 629	1 383	5.2
0.51 to 1.00	13 710	-	42	363	1 859	5 570	3 421	1 673	782	5.3
1.01 to 1.50	1 620	-	-	13	361	785	372	60	29	5.1
1.51 or more	221	10	-	19	39	102	38	13	-	4.9
Lacking some or all plumbing facilities	620	9	33	121	183	140	99	19	16	4.3
0.50 or less	408	-	33	63	115	95	72	14	16	4.4
0.51 to 1.00	138	9	-	52	31	26	15	5	-	3.8
1.01 to 1.50	51	-	-	6	19	14	12	-	-	...
1.51 or more	23	-	-	-	18	5	-	-	-	...
BEDROOMS										
None and 1	1 513	20	168	613	510	101	82	-	19	3.4
2	13 278	-	-	135	5 874	5 517	1 452	203	97	4.6
3	15 103	-	-	-	117	6 058	6 109	2 078	741	5.7
4 or more	2 855	-	-	-	-	52	444	951	1 408	7.5
YEAR STRUCTURE BUILT										
1969 to March 1970	859	-	-	10	205	276	199	81	88	5.3
1960 to 1968	7 122	5	43	169	975	2 752	1 941	748	489	5.4
1950 to 1959	6 992	-	55	131	1 632	2 963	1 598	435	178	5.1
1949 or earlier	17 789	14	41	505	3 699	6 024	3 921	2 130	1 455	5.3
COMPLETE BATHROOMS										
1 and 1 1/2	27 909	8	79	647	6 069	11 135	6 320	2 548	1 103	5.1
2 or more	3 958	-	5	26	167	697	1 118	878	1 067	6.5
None or also used by another household	886	12	43	167	292	220	81	42	29	4.3
VALUE-INCOME RATIO										
Specified owner occupied ¹	27 815	14	45	438	4 937	10 689	6 914	2 972	1 806	5.3
Less than 1.5	14 906	10	16	198	2 645	5 957	3 616	1 601	863	5.3
1.5 to 1.9	5 057	-	-	39	685	1 868	1 516	567	382	5.5
2.0 to 2.9	3 856	-	5	55	638	1 350	999	463	346	5.4
3.0 or more	3 725	4	24	130	897	1 436	709	320	205	5.1
Not computed	271	-	-	16	72	78	74	21	10	5.1
Renter occupied housing units	11 428	306	710	2 733	3 518	2 477	1 091	344	249	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	10 656	137	586	2 545	3 367	2 397	1 031	337	256	4.1
PERSONS										
1 person	3 141	287	513	1 277	684	239	101	18	22	3.1
2 persons	3 148	11	150	945	1 227	586	167	38	24	3.9
3 persons	2 011	-	31	317	827	525	189	86	36	4.3
4 persons	1 500	8	11	129	460	546	262	43	41	4.8
5 persons	795	-	-	31	156	290	184	71	63	5.2
6 persons or more	833	-	5	34	164	291	188	88	63	5.2
Median	2.3	1.0	1.2	1.6	2.4	3.3	3.8	4.2	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	10 869	236	619	2 566	3 425	2 407	1 034	338	244	4.1
0.50 or less	4 994	-	442	1 186	1 856	795	428	142	145	4.0
0.51 to 1.00	4 976	217	139	1 206	1 273	1 342	526	178	95	4.2
1.01 to 1.50	715	-	27	118	254	223	71	18	4	4.3
1.51 or more	184	19	11	56	42	70	9	-	-	3.6
Lacking some or all plumbing facilities	559	70	91	167	93	30	57	6	5	3.2
0.50 or less	281	-	71	91	55	30	29	5	5	3.3
0.51 to 1.00	199	70	11	56	14	19	23	6	-	2.8
1.01 to 1.50	48	-	4	11	7	21	5	-	-	...
1.51 or more	31	-	5	9	17	-	-	-	-	...
BEDROOMS										
None	681	394	246	41	-	-	-	-	-	1.4
1	3 656	-	397	2 566	590	-	42	-	-	3.1
2	4 810	-	-	210	2 888	1 530	166	-	16	4.3
3 or more	2 294	-	-	-	91	918	794	312	179	5.7
YEAR STRUCTURE BUILT										
1969 to March 1970	237	4	11	42	116	38	21	5	-	4.0
1960 to 1968	1 578	16	48	243	846	282	105	20	18	4.1
1950 to 1959	1 532	6	53	360	613	371	93	25	11	4.1
1949 or earlier	8 081	280	598	2 088	1 943	1 786	872	294	220	4.1
COMPLETE BATHROOMS										
1 and 1 1/2	10 489	186	586	2 538	3 360	2 378	961	316	164	4.1
2 or more	259	8	-	7	27	25	79	21	92	6.3
None or also used by another household	689	69	125	200	125	79	68	18	5	3.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	10 772	300	710	2 708	3 456	2 295	892	232	179	4.0
less than 10 percent	1 204	78	83	322	328	274	65	32	22	3.9
10 to 14 percent	2 313	31	107	562	730	555	222	53	53	4.1
15 to 19 percent	1 903	20	90	398	719	470	124	56	26	4.1
20 to 24 percent	1 277	24	61	262	455	296	152	13	14	4.1
25 to 34 percent	1 159	30	98	368	385	197	62	19	27	3.7
35 percent or more	2 024	104	199	675	601	314	100	4	27	3.6
Not computed	892	13	72	121	238	189	167	55	37	4.5

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-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	32 762	30 303	1 097	1 362	11 428	6 009	1 836	1 523	695	523	517	325
ROOMS												
1 room	19	14	-	5	306	30	22	52	55	13	134	-
2 rooms	139	55	20	64	710	123	130	155	138	38	93	33
3 rooms	815	495	162	158	2 733	665	765	802	237	90	126	48
4 rooms	6 511	5 336	391	784	3 518	1 669	638	403	214	295	119	180
5 rooms	12 015	11 434	261	320	2 477	1 945	237	85	51	65	40	54
6 rooms	7 659	7 505	128	26	1 091	993	40	26	-	17	5	10
7 rooms	3 394	3 343	51	-	344	335	4	-	-	5	-	-
8 rooms or more	2 210	2 121	84	5	249	249	-	-	-	-	-	-
Median	5.2	5.3	4.4	4.1	4.1	4.8	3.5	3.2	3.2	3.9	2.8	4.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	32 142	29 818	1 017	1 307	10 849	5 716	1 784	1 424	631	489	517	308
0.50 or less	16 591	15 280	668	643	4 994	2 215	865	829	345	340	262	138
0.51 to 1.00	13 710	12 812	299	599	4 976	2 869	785	521	254	144	255	148
1.01 to 1.50	1 620	1 520	44	56	715	527	112	29	28	5	-	14
1.51 or more	221	206	6	9	184	105	22	45	4	-	-	8
Lacking some or all plumbing facilities	620	485	80	55	559	293	52	99	64	34	-	17
0.50 or less	408	327	58	23	281	136	26	59	22	21	-	17
0.51 to 1.00	138	97	16	25	199	91	18	35	42	13	-	-
1.01 to 1.50	51	45	6	7	48	39	4	5	-	-	-	-
1.51 or more	23	16	-	-	31	27	-	-	-	-	-	-
BEDROOMS												
None	34	34	-	-	681	87	61	159	90	40	226	18
1	1 479	972	275	231	3 656	972	958	973	294	123	294	42
2	13 278	11 886	386	1 006	4 810	2 933	629	376	267	316	40	249
3	15 103	14 872	63	168	1 763	1 539	51	-	40	42	-	91
4 or more	2 855	2 812	43	-	531	531	-	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	859	562	64	233	237	38	40	22	52	48	12	25
1965 to 1968	3 022	2 473	20	529	834	172	88	43	102	226	93	110
1960 to 1964	4 100	3 731	55	314	744	308	94	43	41	139	52	67
1950 to 1959	6 992	6 707	78	207	1 532	1 078	204	105	42	18	10	75
1940 to 1949	3 949	3 845	79	25	1 736	1 102	279	201	77	20	24	33
1939 or earlier	13 840	12 985	801	54	6 345	3 311	1 131	1 109	381	72	326	15
INCOME IN 1969												
Less than \$2,000	2 534	2 164	206	164	1 566	580	304	315	149	63	106	49
\$2,000 to \$2,999	1 272	1 119	70	83	727	271	142	160	45	33	53	23
\$3,000 to \$3,999	1 322	1 204	67	51	861	350	175	173	63	14	29	57
\$4,000 to \$4,999	1 275	1 181	48	46	847	334	164	123	77	50	89	10
\$5,000 to \$5,999	1 342	1 157	88	97	730	450	97	91	21	21	28	22
\$6,000 to \$6,999	1 480	1 299	81	100	900	437	222	146	44	30	6	15
\$7,000 to \$9,999	6 749	6 129	265	355	3 129	1 763	444	368	179	149	120	106
\$10,000 to \$14,999	9 822	9 281	187	354	1 964	1 371	223	109	57	119	52	33
\$15,000 to \$24,999	5 889	5 722	71	96	642	418	65	33	54	33	29	10
\$25,000 or more	1 077	1 047	14	16	62	35	-	5	6	11	5	-
Median	\$10 200	\$10 500	\$6 900	\$8 200	\$7 100	\$8 000	\$6 200	\$4 900	\$5 600	\$8 000	\$4 800	\$6 100
YEAR MOVED INTO UNIT												
1969 to March 1970	3 558	3 008	175	375	5 468	2 579	980	737	398	312	234	228
1968	2 414	2 151	72	191	1 688	924	307	148	99	98	92	20
1967	1 960	1 759	61	140	873	534	112	113	34	36	23	21
1965 and 1966	4 181	3 827	86	268	1 051	649	140	123	26	47	66	-
1960 to 1964	6 585	6 147	182	256	1 045	594	136	188	54	21	36	16
950 to 1959	7 312	6 963	272	77	1 837	356	165	200	71	15	22	8
949 or earlier	6 743	6 374	337	32	475	356	48	21	18	5	27	-
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	10 772	5 353	1 836	1 523	695	523	517	325
Less than \$50 .....	...	...	...	...	373	99	72	111	54	13	20	4
\$50 to \$59 .....	...	...	...	...	506	113	106	124	77	10	38	38
\$60 to \$69 .....	...	...	...	...	956	260	176	283	94	39	77	27
\$70 to \$79 .....	...	...	...	...	1 186	463	231	280	121	6	66	19
\$80 to \$99 .....	...	...	...	...	2 429	1 119	613	443	118	25	83	28
\$100 to \$119 .....	...	...	...	...	1 879	1 280	308	158	33	26	52	22
\$120 to \$149 .....	...	...	...	...	1 728	977	190	73	96	238	91	63
\$150 to \$199 .....	...	...	...	...	844	435	65	20	92	135	66	31
\$200 to \$299 .....	...	...	...	...	92	42	-	-	6	27	17	-
\$300 or more .....	...	...	...	...	5	5	-	-	-	-	-	-
No cash rent .....	...	...	...	...	774	560	75	31	4	4	7	93
Median .....	...	...	...	...	\$95	\$105	\$88	\$78	\$80	\$138	\$91	\$100
HEATING EQUIPMENT												
Steam or hot water	3 177	3 030	142	5	1 688	305	196	353	292	199	343	-
Warm-air furnace	21 446	19 637	764	1 045	5 907	3 131	1 173	720	286	252	131	214
Built-in electric units	2 419	2 398	15	6	390	183	71	13	46	50	22	5
Floor, wall, or pipeless furnace	1 688	1 572	59	57	819	589	93	100	50	6	5	16
Other means	4 010	3 650	111	249	2 615	1 796	299	337	61	16	16	90
None	22	16	6	-	9	5	4	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	7 961	7 351	308	302	1 958	931	299	180	139	229	121	59
Central system	2 261	2 108	82	71	724	107	86	19	107	238	143	24
None	22 531	20 770	795	966	8 755	4 954	1 503	1 331	454	67	236	210
AUTOMOBILES AVAILABLE												
1	16 761	15 183	742	836	6 848	3 532	1 188	971	421	309	224	203
2	11 481	10 960	187	334	2 182	1 472	252	116	77	135	80	50
3 or more	1 865	1 774	49	42	201	158	19	6	-	18	-	-
None	2 646	2 312	207	127	2 206	830	429	437	202	72	196	40

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	32 762	1 184	4 814	6 010	10 250	3 330	454	165	1 515	603	2 030	2 407
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	32 142	1 168	4 784	5 964	10 124	3 225	454	160	1 494	585	1 942	2 242
0.50 or less	16 591	347	764	996	5 811	2 804	255	125	861	444	1 942	2 242
0.51 to 1.00	13 710	800	3 505	4 094	3 987	398	180	35	580	131	-	-
1.01 to 1.50	1 620	21	480	770	265	8	19	-	47	10	-	-
1.51 or more	620	21	35	104	61	15	-	-	6	-	-	-
Lacking some or all plumbing facilities	408	16	30	44	134	105	-	-	21	18	88	165
0.50 or less	138	10	20	11	46	74	-	-	5	10	79	165
0.51 to 1.00	51	6	10	8	27	-	-	-	11	9	9	-
1.01 to 1.50	23	-	-	7	11	5	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	30 303	897	4 430	5 811	9 799	3 086	411	161	1 377	550	1 704	2 077
2 or more	1 097	54	87	96	201	154	11	4	83	47	141	219
Mobile home or trailer	1 362	233	297	103	250	90	32	-	55	6	185	111
INCOME IN 1969												
Less than \$2,000	2 534	29	56	51	140	299	5	21	183	92	366	1 292
\$2,000 to \$2,999	1 272	45	32	11	87	344	-	5	77	51	179	441
\$3,000 to \$3,999	1 322	31	39	30	140	433	6	21	134	52	185	251
\$4,000 to \$4,999	1 275	24	20	43	152	450	12	29	168	51	232	94
\$5,000 to \$5,999	1 342	79	100	92	266	394	27	5	113	51	133	82
\$6,000 to \$6,999	1 480	86	203	137	340	259	41	5	115	83	155	56
\$7,000 to \$9,999	6 749	439	1 493	1 182	1 912	459	139	20	364	85	541	115
\$10,000 to \$14,999	9 822	383	2 121	2 500	3 604	397	138	45	289	110	189	46
\$15,000 to \$24,999	5 889	63	681	1 741	3 018	197	48	9	67	22	33	10
\$25,000 or more	1 077	5	69	223	591	98	38	5	5	6	17	20
Median	\$10 200	\$9 000	\$11 100	\$12 900	\$12 900	\$5 400	\$9 900	\$6 300	\$6 700	\$6 100	\$5 400	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	27 815	882	4 237	5 518	8 928	2 544	372	125	1 323	494	1 577	1 815
Less than 1.5	14 906	462	2 450	3 519	6 172	717	213	63	506	189	448	167
1.5 to 1.9	5 057	214	977	1 212	1 424	486	95	6	264	77	239	63
2.0 to 2.4	2 529	91	459	439	699	330	30	25	73	77	189	117
2.5 to 2.9	1 327	41	168	172	198	298	11	10	128	38	144	119
3.0 to 3.9	1 364	36	64	113	195	349	12	4	109	54	157	271
4.0 or more	2 361	30	109	58	204	333	11	17	210	59	331	999
Not computed	271	8	10	5	36	31	-	-	33	-	69	79
Renter occupied housing units	11 428	1 952	2 073	1 001	1 192	420	313	31	1 191	114	2 048	1 093
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 869	1 922	2 044	964	1 134	395	295	26	1 138	114	1 838	999
0.50 or less	4 994	555	389	116	493	250	122	21	359	69	1 693	927
0.51 to 1.00	4 976	1 267	1 370	659	525	135	144	-	614	45	145	72
1.01 to 1.50	715	72	238	158	90	10	24	5	118	-	-	-
1.51 or more	184	28	47	31	26	-	5	-	47	-	-	-
Lacking some or all plumbing facilities	559	30	29	37	58	25	18	5	53	-	210	94
0.50 or less	281	-	-	-	20	17	5	5	-	-	153	81
0.51 to 1.00	199	20	14	28	18	8	6	-	35	-	57	13
1.01 to 1.50	48	10	10	-	16	-	7	-	5	-	-	-
1.51 or more	31	-	5	9	4	-	-	-	13	-	-	-
UNITS IN STRUCTURE												
1	6 009	1 070	1 422	767	799	235	178	26	570	57	574	311
2 to 4	3 359	604	406	133	266	74	56	5	444	35	851	485
5 to 19	1 218	207	143	52	73	51	56	-	95	16	375	150
20 or more	517	16	46	4	25	33	9	-	52	6	213	113
Mobile home or trailer	325	55	56	45	29	27	14	-	30	-	35	34
GROSS RENT												
Specified renter occupied ²	10 772	1 887	1 913	845	1 050	399	284	16	1 172	114	2 023	1 069
Less than \$50	373	10	12	-	16	11	13	-	4	-	170	137
\$50 to \$59	506	48	17	29	31	27	15	5	37	5	180	112
\$60 to \$69	956	85	82	44	84	39	20	-	70	18	337	177
\$70 to \$79	1 186	219	121	39	107	62	29	-	141	6	326	156
\$80 to \$99	2 429	547	403	215	173	79	52	-	336	27	438	139
\$100 to \$119	1 879	380	467	184	222	31	42	5	266	20	209	53
\$120 to \$149	1 728	418	433	144	184	60	41	6	184	10	193	55
\$150 to \$199	844	144	250	86	78	35	49	-	89	11	79	23
\$200 to \$299	92	8	56	17	-	-	-	-	6	-	-	5
\$300 or more	5	-	-	-	-	-	-	-	-	-	-	-
No cash rent	774	28	72	87	155	55	23	-	39	17	91	207
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	10 772	1 887	1 913	845	1 050	399	284	16	1 172	114	2 023	1 069
Less than \$5,000	3 893	484	160	90	144	194	93	11	700	80	952	985
Less than 20 percent	246	30	-	4	10	21	6	-	20	6	106	49
20 to 24 percent	402	83	33	15	20	19	4	5	55	7	123	38
25 to 34 percent	774	127	39	25	36	36	22	-	147	5	192	145
35 percent or more	1 977	234	79	36	89	89	67	6	414	51	422	544
Not computed	494	10	9	10	43	29	-	-	64	11	109	209
\$5,000 to \$9,999	4 483	1 008	1 071	381	398	150	126	5	355	23	882	84
Less than 20 percent	2 989	657	686	238	258	86	66	5	204	6	724	59
20 to 24 percent	836	249	200	68	71	21	24	-	106	6	91	-
25 to 34 percent	370	78	123	33	11	26	12	-	35	-	42	10
35 percent or more	47	5	26	-	-	5	6	-	-	5	-	15
Not computed	241	19	36	42	58	12	18	-	10	6	25	15
\$10,000 to \$14,999	1 779	354	530	270	319	46	21	-	67	7	165	-
Less than 20 percent	1 624	350	468	237	287	36	21	-	62	7	156	-
20 to 24 percent	39	-	20	9	5	-	-	-	-	-	5	-
25 percent or more	15	-	15	-	-	-	-	-	-	-	-	-
Not computed	101	4	27	24	27	10	-	-	5	-	4	-
\$15,000 or more	617	41	152	104	189	9	44	-	50	4	24	-
Less than 20 percent	561	41	152	89	157	5	39	-	50	4	24	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	56	-	-	15	32	4	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	32 762	4 437	10 159	5 674	5 958	3 520	1 593	912	509	2.8
BEDROOMS										
None and 1	1 513	683	710	100	20	-	-	-	-	1.6
2	13 278	2 719	5 922	2 568	1 339	472	189	47	22	2.2
3	15 103	894	3 066	2 638	4 335	2 506	1 132	415	117	3.7
4 or more	2 855	120	446	435	341	460	439	394	220	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970	859	40	179	273	190	78	67	26	6	3.3
1965 to 1968	3 022	132	687	617	877	418	192	63	36	3.6
1960 to 1964	4 100	273	1 042	744	1 035	647	210	101	48	3.5
1950 to 1959	6 992	757	2 104	1 329	1 426	818	294	185	79	3.0
1940 to 1949	3 949	559	1 349	697	670	345	177	89	63	2.6
1939 or earlier	13 840	2 676	4 798	2 014	1 760	1 214	653	448	277	2.4
UNITS IN STRUCTURE										
1	30 303	3 781	9 352	5 166	5 694	3 413	1 536	874	487	2.9
2 or more	1 097	360	358	177	83	48	34	27	10	2.0
Mobile home or trailer	1 362	296	449	331	181	59	23	11	12	2.4
COMPLETE BATHROOMS										
1 and 1 1/2	27 909	3 894	8 942	4 958	4 895	2 902	1 199	703	416	2.7
2 and 2 1/2	3 702	179	846	620	935	571	284	144	123	3.7
3 or more	256	27	66	21	37	41	19	39	6	3.9
None or also used by another household	886	311	324	39	76	42	20	41	33	1.9
HOUSEHOLD COMPOSITION										
Two-or-more-person households	28 325	....	10 159	5 674	5 958	3 520	1 593	912	509	3.2
Male head, wife present, no nonrelatives	25 588	....	8 730	5 069	5 630	3 320	1 513	839	487	3.3
Under 25 years	1 184	....	307	467	328	65	12	5	-	3.1
25 to 34 years	4 814	....	361	786	1 923	1 088	359	217	80	4.2
35 to 44 years	6 010	....	557	760	1 777	1 399	866	397	254	4.4
45 to 64 years	10 250	....	4 708	2 692	1 489	742	276	195	148	2.7
65 years and over	3 330	....	2 797	364	113	26	-	25	5	2.1
Other male head	619	....	315	122	95	50	13	14	10	2.5
Under 65 years	454	....	216	76	80	45	13	14	10	2.6
65 years and over	165	....	99	46	15	5	-	-	-	2.3
Female head	2 118	....	1 114	483	233	150	67	59	12	2.5
Under 65 years	1 515	....	693	395	187	125	50	53	12	2.7
65 years and over	603	....	421	88	46	25	17	6	-	2.2
One-person households	4 437	4 437	....	....	....	....	....	....	....	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	27 815	3 392	8 324	4 743	5 354	3 238	1 497	806	461	3.0
Less than 1.5	14 906	615	4 138	2 970	3 339	2 000	990	503	351	3.4
1.5 to 1.9	5 057	302	1 509	904	1 144	727	280	126	65	3.3
2.0 to 2.4	2 529	306	882	394	454	281	105	88	19	2.7
2.5 to 2.9	1 327	263	538	189	169	86	55	15	12	2.2
3.0 to 3.9	1 364	428	574	128	134	49	21	24	6	1.9
4.0 or more	2 361	1 330	611	143	105	90	41	33	8	1.4
Not computed	271	148	72	15	9	5	5	17	-	1.4
Renter occupied housing units										
BEDROOMS	11 428	3 141	3 148	2 011	1 500	795	469	241	123	2.3
None	681	608	22	-	51	-	-	-	-	1.1
1	3 656	1 847	1 150	514	104	15	26	-	-	1.5
2	4 810	529	1 660	1 231	665	409	154	141	21	2.7
3 or more	2 294	165	356	191	584	448	283	186	81	4.2
YEAR STRUCTURE BUILT										
1969 to March 1970	237	28	97	71	30	5	6	-	-	2.4
1965 to 1968	834	179	353	156	107	31	-	8	-	2.2
1960 to 1964	744	157	236	181	103	22	24	21	-	2.4
1950 to 1959	1 532	253	539	311	254	91	61	19	4	2.5
1940 to 1949	1 736	443	463	337	225	108	88	67	5	2.4
1939 or earlier	6 345	2 081	1 460	955	781	538	290	126	114	2.2
UNITS IN STRUCTURE										
1	6 009	885	1 420	1 215	1 069	671	420	222	107	3.1
2	1 836	567	672	310	174	70	31	6	6	2.0
3 and 4	1 523	769	392	210	99	24	14	5	10	1.5
5 to 9	695	325	220	106	33	7	4	-	-	1.6
10 to 19	523	200	189	92	30	12	-	-	-	1.8
20 or more	517	326	133	24	34	-	-	-	-	1.3
Mobile home or trailer	325	69	122	54	61	11	-	8	-	2.3
COMPLETE BATHROOMS										
1 and 1 1/2	10 489	2 778	2 972	1 927	1 387	695	429	161	140	2.3
2 or more	259	34	33	62	64	40	19	7	-	3.5
None or also used by another household	689	335	136	55	65	18	44	29	7	1.6
HOUSEHOLD COMPOSITION										
Two-or-more-person households	8 287	....	3 148	2 011	1 500	795	469	241	123	3.0
Male head, wife present, no nonrelatives	6 638	....	2 307	1 688	1 263	706	392	180	102	3.1
Under 25 years	1 952	....	905	609	349	46	22	15	6	2.6
25 to 34 years	2 073	....	399	545	550	354	125	77	23	3.7
35 to 44 years	1 001	....	117	162	224	218	174	59	47	4.5
45 to 64 years	1 192	....	556	309	135	71	71	24	26	2.6
65 years and over	420	....	330	63	5	17	5	-	-	2.1
Other male head	344	....	214	72	13	13	27	-	5	2.3
Under 65 years	313	....	188	72	8	13	27	-	5	2.3
65 years and over	31	....	26	-	5	-	-	-	-	2.2
Female head	1 305	....	627	251	224	76	50	61	16	2.6
Under 65 years	1 191	....	541	223	224	76	50	61	16	2.7
65 years and over	114	....	86	28	-	-	-	-	-	2.2
One-person households	3 141	3 141	....	....	....	....	....	....	....	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	10 772	3 092	3 008	1 908	1 412	648	403	189	112	2.3
Less than 10 percent	1 204	290	379	246	119	96	56	14	4	2.3
10 to 14 percent	2 313	435	694	472	356	163	131	49	13	2.6
15 to 19 percent	1 903	393	515	412	312	130	59	52	30	2.6
20 to 24 percent	1 277	257	377	276	200	70	42	22	33	2.5
25 to 34 percent	1 159	389	347	166	130	63	36	20	8	2.0
35 percent or more	2 024	966	499	216	190	79	47	22	5	1.6
Not computed	892	362	197	120	105	47	32	10	19	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	504	147	187	170	Vacant for rent	1 168	522	341	305
ROOMS					ROOMS				
1 to 3 rooms	55	14	17	24	1 room	44	28	12	4
4 rooms	82	20	32	30	2 rooms	116	62	32	22
5 rooms	185	69	60	56	3 rooms	409	202	79	128
6 rooms	98	30	55	13	4 rooms	293	117	103	73
7 rooms or more	84	14	23	47	5 rooms	187	76	61	50
					6 rooms	83	15	46	22
					7 rooms or more	36	22	8	6
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	471	143	179	149	With all plumbing facilities	1 066	463	309	294
Lacking some or all plumbing facilities	33	4	8	21	Lacking some or all plumbing facilities	102	59	32	11
BEDROOMS					BEDROOMS				
None and 1	124	102	22	-	None	73	55	18	-
2	79	44	19	16	1	563	299	91	173
3	153	49	86	18	2	413	159	166	88
4 or more	137	68	35	34	3 or more	176	70	71	35
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	35	22	13	-	1969 to March 1970	40	18	15	7
1960 to 1968	55	17	22	16	1960 to 1968	171	82	33	56
1950 to 1959	75	27	36	12	1950 to 1959	73	39	26	8
1949 or earlier	339	81	116	142	1949 or earlier	884	383	267	234
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	439	127	178	134	1	486	141	177	168
2 or more	65	20	9	36	2 to 4	393	230	98	65
					5 to 9	150	83	35	32
					10 to 19	83	34	23	26
					20 or more	56	34	8	14
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	27	6	9	12	1	486	141	177	168
Warm-air furnace	357	121	133	103	2 to 4	393	230	98	65
Built-in electric units	19	-	13	6	5 to 9	150	83	35	32
Floor, wall, or pipeless furnace	21	5	16	10	10 to 19	83	34	23	26
Other means	73	15	16	42	20 or more	56	34	8	14
None	7	-	-	7					
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	417	127	174	116	Specified vacant for rent ²	1 120	519	307	294
Less than \$5,000	37	4	7	26	Less than \$50	171	50	44	77
\$5,000 to \$9,999	126	26	54	46	\$50 to \$59	124	48	47	29
\$10,000 to \$14,999	123	30	54	39	\$60 to \$79	371	190	95	86
\$15,000 to \$19,999	50	21	24	5	\$80 to \$99	203	99	69	35
\$20,000 to \$24,999	39	24	15	-	\$100 to \$119	90	28	23	39
\$25,000 to \$34,999	36	22	14	-	\$120 to \$149	128	80	29	19
\$35,000 to \$49,999	6	-	6	-	\$150 to \$199	33	24	-	9
\$50,000 or more	-	-	-	-	\$200 or more	-	-	-	-
Median price asked	\$11 800	\$15 800	\$12 400	\$9 000	Median rent asked	\$74	\$77	\$73	\$70

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	417	163	123	50	39	36	6	1 120	295	371	203	218	33	-
PLUMBING FACILITIES														
With all plumbing facilities	417	177	118	61	16	45	-	1 155	227	433	181	229	85	-
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	17	17	-	-	-	-	-
BEDROOMS														
None and 1	86	63	-	-	-	23	-	636	153	285	93	105	-	-
2	57	41	16	-	-	-	-	394	91	94	71	71	67	-
3	153	36	79	22	16	-	-	142	-	54	17	53	18	-
4 or more	121	37	23	39	-	22	-	-	-	-	-	-	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	35	-	-	3	26	-	6	40	7	8	-	25	-	-
1960 to 1968	48	-	12	21	-	15	-	171	15	24	15	87	30	-
1950 to 1959	69	10	38	6	4	11	-	69	22	27	9	11	-	-
1949 or earlier	265	153	73	20	9	10	-	840	251	312	179	95	3	-
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	438	146	153	82	46	11	-
2 to 4	...	...	...	...	...	...	...	393	91	157	84	58	3	-
5 to 19	...	...	...	...	...	...	...	233	58	48	18	90	19	-
20 or more	...	...	...	...	...	...	...	56	-	13	19	24	-	-
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	411	94	144	80	82	11	-
Some or no utilities included	...	...	...	...	...	...	...	709	201	227	123	136	22	-

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]

Anderson	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	14 571	374	1 251	2 218	2 968	2 301	2 907	1 411	824	237	80	13 000
ROOMS												
1 and 2 rooms	34	14	—	—	15	—	5	—	—	—	—	—
3 rooms	189	31	81	37	6	17	12	—	—	5	—	7 000
4 rooms	3 043	144	446	670	913	499	306	46	19	—	—	10 700
5 rooms	5 931	109	447	891	1 273	1 442	1 442	486	149	10	—	13 000
6 rooms	3 156	56	196	367	473	391	757	623	261	21	11	15 600
7 rooms	1 454	20	62	197	186	185	256	193	266	89	—	16 600
8 rooms or more	764	—	19	56	102	85	129	63	129	112	69	19 000
Median	5.2	4.5	4.7	5.0	4.9	5.1	5.3	5.8	6.4	7.4	...	...
PERSONS												
1 person	1 958	107	294	454	450	297	247	78	20	11	—	10 700
2 persons	4 561	139	409	703	973	727	870	432	207	56	45	12 700
3 persons	2 546	43	172	371	487	366	607	305	149	41	5	13 900
4 persons	2 562	31	91	250	526	444	607	328	214	66	5	14 700
5 persons	1 542	38	102	214	234	268	342	164	142	24	14	14 200
6 persons or more	1 402	16	183	226	298	199	234	104	92	39	11	12 300
Median	2.8	2.1	2.3	2.4	2.6	2.8	3.1	3.1	3.7	3.7	...	...
Units with roomers, boarders, or lodgers	137	17	16	38	15	20	15	11	5	—	—	9 800
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	14 410	322	1 235	2 193	2 937	2 283	2 897	1 402	824	237	80	13 100
0.50 or less	7 498	191	701	1 226	1 554	1 133	1 405	689	375	155	69	12 700
0.51 to 1.00	5 977	106	351	780	1 144	1 025	1 353	689	440	78	11	14 000
1.01 to 1.50	809	15	153	158	215	119	112	24	9	4	—	10 900
1.51 or more	126	10	30	29	24	6	27	—	—	—	—	9 500
Lacking some or all plumbing facilities	161	52	16	25	31	18	10	9	—	—	—	8 800
0.50 or less	135	39	12	—	—	14	10	9	—	—	—	9 600
0.51 to 1.00	14	9	—	5	—	—	—	—	—	—	—	—
1.01 to 1.50	12	4	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None and 1	494	61	165	59	108	41	40	—	—	20	—	8 400
2	6 029	257	750	1 107	1 706	906	940	278	85	—	—	11 300
3	6 708	69	271	749	829	1 060	1 826	1 172	527	161	44	16 000
4 or more	1 363	17	121	108	209	275	164	77	194	135	63	14 600
YEAR STRUCTURE BUILT												
1969 to March 1970	151	—	—	—	—	11	33	14	59	24	10	28 000
1965 to 1968	1 013	—	5	5	32	110	237	238	274	96	16	22 500
1960 to 1964	1 746	—	5	5	92	238	694	448	211	39	14	18 800
1950 to 1959	3 326	19	112	308	643	616	930	495	151	30	22	14 900
1940 to 1949	2 461	88	202	475	664	497	415	79	49	12	—	11 800
1939 or earlier	5 874	287	927	1 425	1 537	829	598	137	80	36	18	10 500
COMPLETE BATHROOMS												
1 and 1 1/2	12 650	264	1 143	2 149	2 885	2 190	2 549	1 024	394	37	15	12 400
2 and 2 1/2	1 541	15	13	106	109	102	267	335	410	141	43	22 400
3 or more	62	—	5	6	—	7	—	6	5	20	13	—
None or also used by another household	248	72	54	39	31	26	20	6	—	—	—	7 400
HOUSEHOLD COMPOSITION												
Two-or-more-person households	12 613	267	957	1 764	2 518	2 004	2 660	1 333	804	226	80	13 500
Male head, wife present, no nonrelatives	11 220	201	753	1 427	2 218	1 790	2 480	1 279	789	215	68	13 900
Under 25 years	445	—	23	47	108	141	114	12	—	—	—	13 300
25 to 34 years	2 051	30	100	255	424	399	477	217	138	11	—	13 900
35 to 44 years	2 635	23	139	299	437	416	610	331	282	69	29	15 000
45 to 64 years	4 640	84	340	554	914	647	1 006	616	322	124	33	14 200
65 years and over	1 449	64	151	272	335	187	273	103	47	11	6	11 800
Other male head	297	6	34	73	75	53	41	10	—	5	—	11 200
Under 65 years	207	6	19	57	40	39	31	10	—	5	—	11 300
65 years and over	90	—	15	16	35	14	10	—	—	—	—	—
Female head	1 096	60	170	264	225	161	139	44	15	6	12	10 600
Under 65 years	814	41	106	194	177	127	110	39	9	6	5	10 900
65 years and over	282	19	64	70	48	34	29	5	6	—	7	9 600
One-person households	1 958	107	294	454	450	297	247	78	20	11	—	10 700
Under 65 years	1 005	46	108	248	241	166	143	48	—	5	—	11 000
65 years and over	953	61	186	206	209	131	104	30	20	6	—	10 300
INCOME IN 1969												
Less than \$2,000	946	119	169	217	193	102	113	22	6	5	—	9 600
\$2,000 to \$2,999	578	48	104	133	129	59	84	16	—	—	5	10 100
\$3,000 to \$3,999	587	43	118	153	127	67	43	19	10	—	7	9 700
\$4,000 to \$4,999	583	25	78	113	173	70	94	24	6	—	—	11 100
\$5,000 to \$5,999	614	27	90	120	140	83	97	41	16	—	—	11 300
\$6,000 to \$6,999	724	18	106	155	172	99	130	30	14	—	—	11 200
\$7,000 to \$9,999	3 204	60	277	665	831	649	529	105	68	15	5	11 800
\$10,000 to \$14,999	4 239	20	219	448	845	829	1 116	489	231	42	—	14 300
\$15,000 to \$24,999	2 685	9	74	199	326	311	654	586	411	102	13	18 200
\$25,000 or more	411	5	16	15	32	32	47	79	62	73	50	23 700
Median	\$10 100	\$3 500	\$6 600	\$8 000	\$9 000	\$10 100	\$11 600	\$14 600	\$16 500	\$20 500	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 287	29	75	211	195	176	321	100	135	30	15	14 400
1968	1 055	16	49	121	165	225	256	98	73	31	21	14 500
1967	886	16	64	116	188	155	189	66	69	23	—	13 500
1965 and 1966	1 859	13	49	231	323	341	444	281	134	37	6	14 800
1960 to 1964	3 135	74	272	383	633	409	674	401	255	20	14	13 000
1950 to 1959	3 713	80	373	588	864	627	662	363	106	42	8	12 400
1949 or earlier	2 566	123	333	650	657	392	290	62	37	15	7	10 700
HEATING EQUIPMENT												
Steam or hot water	1 299	11	49	46	151	133	360	338	138	68	5	18 800
Warm-air furnace	11 035	115	734	1 698	2 494	1 974	2 313	900	578	161	68	13 100
Built-in electric units	471	—	8	5	5	32	164	152	97	8	—	20 700
Floor, wall, or pipeless furnace	603	37	127	195	151	67	21	—	5	—	—	9 300
Other means	1 156	204	333	274	167	95	49	21	6	—	7	7 900
None	7	—	—	—	—	—	—	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	3 720	30	150	440	818	711	820	478	208	51	14	14 000
Central system	1 016	28	28	25	70	143	254	134	253	68	41	19 800
None	9 765	321	1 037	1 835	2 137	1 471	1 762	759	348	79	16	12 000

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]

Anderson	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	7 621	247	369	718	907	1 692	1 337	1 333	595	66	5	332	95
ROOMS													
1 room	238	70	32	37	31	47	17	-	4	-	-	-	65
2 rooms	605	44	93	164	116	75	46	25	-	-	-	-	69
3 rooms	2 112	72	156	360	379	631	247	199	11	-	-	-	81
4 rooms	2 471	49	43	123	259	524	484	577	345	4	5	-	109
5 rooms	1 466	12	35	30	100	302	371	356	132	28	-	-	111
6 rooms	511	-	5	4	17	94	104	108	88	25	-	-	120
7 rooms	133	-	5	-	-	11	50	34	-	9	-	-	115
8 rooms or more	85	-	-	-	5	8	18	34	15	-	-	-	5
Median	3.8	2.6	2.9	2.9	3.3	3.7	4.2	4.3	4.3	...	...	4.7	...
PERSONS													
1 person	2 393	203	211	414	387	499	226	232	68	5	5	143	78
2 persons	2 340	23	117	170	297	544	408	440	241	6	-	94	99
3 persons	1 194	5	29	76	129	282	230	240	156	15	-	32	105
4 persons	901	6	12	36	61	194	249	216	57	36	-	34	110
5 persons	366	6	-	12	10	76	100	95	48	4	-	15	114
6 persons or more	427	4	-	10	23	97	124	110	25	-	-	34	110
Median	2.1	1.1	1.4	1.4	1.7	2.1	2.7	2.5	2.5	...	...	1.9	...
Units with roomers, boarders, or lodgers	142	-	11	4	38	33	25	15	16	-	-	-	88
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	7 360	169	322	663	888	1 655	1 337	1 329	595	66	5	331	97
0.51 to 1.00	3 648	112	202	409	503	728	503	631	328	16	5	211	90
1.01 to 1.50	3 168	53	115	213	346	765	682	605	248	50	-	91	101
1.51 or more	413	-	35	35	16	139	103	81	15	-	-	24	101
Median	1.31	4	5	6	23	23	49	12	4	-	-	5	101
Lacking some or all plumbing facilities													
0.50 or less	261	78	47	55	19	37	-	4	-	-	-	21	59
0.51 to 1.00	127	27	31	28	8	23	-	-	-	-	-	10	60
1.01 to 1.50	114	51	10	18	11	14	-	4	-	-	-	6	53
1.51 or more	11	-	6	5	-	-	-	-	-	-	-	-	...
Median	9	-	4	-	-	-	-	-	-	-	-	5	...
BEDROOMS													
None	543	115	64	194	84	60	26	-	-	-	-	-	65
1	2 775	99	254	309	528	913	325	283	-	-	-	64	83
2	3 262	23	65	106	169	494	914	897	390	-	-	204	115
3 or more	1 148	22	45	-	42	165	211	274	158	69	-	162	121
YEAR STRUCTURE BUILT													
1969 to March 1970	153	-	6	-	-	5	11	31	52	28	-	20	163
1965 to 1968	630	6	6	6	4	17	80	276	209	15	-	11	141
1960 to 1964	521	-	18	20	10	54	51	245	109	10	-	4	133
1950 to 1959	971	19	17	43	79	205	263	202	92	4	-	47	108
1940 to 1949	1 240	18	25	130	170	367	266	147	34	-	-	61	91
1939 or earlier	4 106	204	297	519	644	1 024	666	432	97	9	5	209	84
ELEVATOR IN STRUCTURE													
4 floors or more	191	-	24	55	46	22	-	22	22	-	-	-	...
With elevator	169	-	24	55	46	22	-	22	-	-	-	-	...
Walk-up	22	-	-	-	-	-	-	-	22	-	-	-	...
1 to 3 floors	7 537	259	404	554	777	1 610	1 476	1 432	526	69	-	430	99
COMPLETE BATHROOMS													
1 and 1 1/2	7 106	153	258	668	901	1 610	1 305	1 273	619	42	6	271	97
2 or more	151	-	8	6	-	20	-	47	20	26	-	24	...
None or also used by another household	386	85	74	82	31	70	17	5	-	-	-	22	63
INCOME IN 1969													
Less than \$2,000	1 105	112	93	196	149	240	107	74	27	6	5	96	77
\$2,000 to \$2,999	541	30	46	74	89	138	41	86	22	-	-	15	82
\$3,000 to \$3,999	606	18	67	60	109	142	103	53	10	-	-	44	83
\$4,000 to \$4,999	439	10	33	67	117	135	104	149	10	4	-	10	90
\$5,000 to \$5,999	468	6	33	36	72	101	110	61	33	4	-	12	97
\$6,000 to \$6,999	600	32	33	46	53	149	115	84	52	-	-	36	95
\$7,000 to \$9,999	2 045	22	48	162	217	479	460	410	172	17	-	58	103
\$10,000 to \$14,999	1 170	11	16	45	64	267	214	335	135	29	-	54	114
\$15,000 to \$24,999	404	6	32	37	36	67	36	76	123	-	-	27	124
\$25,000 or more	43	-	-	-	-	5	16	5	11	6	-	-	...
Median	\$6 800	\$2 400	\$3 700	\$4 400	\$4 900	\$6 600	\$7 600	\$8 200	\$9 500	...	...	\$5 900	...
YEAR MOVED INTO UNIT													
1969 to March 1970	3 871	54	127	319	465	897	635	786	466	61	-	61	101
1968	1 121	39	19	73	88	279	220	291	101	-	-	11	105
1967	579	33	-	46	61	124	133	86	42	-	-	54	100
1965 and 1966	659	41	39	97	49	144	174	84	15	-	-	16	94
1960 to 1964	600	6	47	97	127	114	108	46	6	-	6	43	80
1950 to 1959	584	59	72	86	113	126	31	26	9	-	-	62	74
1949 or earlier	229	6	36	38	29	16	21	6	-	7	-	70	70
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	858	77	63	174	122	196	109	71	40	6	-	...	79
10 to 14 percent	1 599	15	76	131	249	498	284	222	124	-	-	...	91
15 to 19 percent	1 321	24	58	73	97	280	353	313	114	9	-	...	107
20 to 24 percent	906	20	45	37	101	143	196	267	92	5	-	...	111
25 to 34 percent	911	30	29	96	119	178	188	122	117	32	-	...	100
35 percent or more	1 568	81	93	179	202	366	188	332	108	14	5	...	90
Not computed	458	-	5	28	17	31	19	6	-	-	-	352	81
AIR CONDITIONING													
Room unit(s)	1 344	20	42	109	158	140	267	356	164	14	-	74	112
Central system	652	-	10	-	8	25	33	212	308	42	-	14	155
None	5 647	218	288	647	766	1 535	1 022	757	167	12	6	229	88

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)
Anderson												
Owner occupied housing units 16 098 1 198 661 679 636 720 815 3 573 4 580 2 776 460 9 800												
ROOMS												
1 and 2 rooms	54	24	5	—	4	6	—	—	15	—	—	...
3 rooms	372	95	26	33	32	42	28	72	35	9	—	5 000
4 rooms	3 641	405	231	230	212	202	267	1 010	767	302	15	7 800
5 rooms	6 341	435	263	255	228	295	308	1 494	1 976	1 003	84	9 800
6 rooms	3 323	137	97	105	115	129	140	621	1 035	804	140	11 500
7 rooms or more	2 367	102	39	56	45	46	72	376	752	658	221	13 000
PERSONS												
1 person	2 380	751	341	225	192	105	131	439	156	20	20	3 400
2 persons	5 090	293	230	289	296	354	329	1 000	1 423	751	125	9 300
3 and 4 persons	5 534	79	75	96	116	178	239	1 372	1 927	1 263	189	11 600
5 persons	1 611	29	5	32	23	42	57	381	583	412	47	12 000
6 persons or more	1 483	46	10	37	9	41	59	381	491	330	79	11 600
Units with roomers, boarders, or lodgers	161	33	—	15	4	11	16	43	17	22	—	7 100
BEDROOMS												
Less than 3	7 496	884	577	497	590	346	349	1 600	1 935	680	38	7 900
3	6 917	257	136	128	—	287	200	1 409	2 563	1 653	223	11 900
4 or more	1 451	37	23	79	61	66	47	316	407	338	138	11 900
YEAR STRUCTURE BUILT												
1969 to March 1970	278	6	10	35	5	25	14	22	92	59	10	11 200
1960 to 1968	3 062	77	55	32	28	68	123	515	1 133	875	156	12 800
1950 to 1959	3 496	182	102	67	105	106	156	868	1 063	747	100	10 800
1949 or earlier	9 262	933	494	545	498	521	522	2 168	2 292	1 095	194	8 500
YEAR MOVED INTO UNIT												
1969 to March 1970	1 554	92	20	45	56	90	99	434	470	230	18	9 400
1968	1 205	52	6	23	34	38	75	354	349	202	72	10 300
1960 to 1967	6 350	175	132	175	158	255	330	1 516	2 038	1 264	166	10 700
1959 or earlier	6 969	720	454	416	394	318	388	1 395	1 583	1 093	208	8 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	11 579	477	420	344	368	445	369	2 400	3 978	2 399	379	11 200
Clothes dryer	10 638	401	255	340	346	409	262	2 120	3 764	2 379	362	11 600
Dishwasher	2 124	55	—	63	21	36	87	164	680	842	176	14 700
Home food freezer	4 713	303	189	120	141	201	122	889	1 540	1 048	160	11 300
Owned second home	803	55	36	19	41	20	61	71	263	168	69	11 900
With air conditioning	5 258	195	108	161	135	207	213	1 086	1 651	1 234	268	11 600
Room unit(s)	4 113	165	102	146	130	162	177	937	1 318	842	134	10 900
Central system	1 145	30	6	15	5	45	36	149	333	392	134	14 300
Automobiles available:												
1	8 442	485	327	447	431	534	659	2 444	2 158	857	100	8 600
2	5 465	85	43	48	85	110	170	1 049	1 990	1 601	284	12 900
3 or more	774	33	—	12	7	5	—	86	233	325	73	15 300
Renter occupied housing units 7 660 1 110 541 606 639 472 600 2 058 1 179 412 43 6 400												
ROOMS												
1 room	238	77	30	23	23	7	15	39	13	11	—	3 500
2 rooms	605	180	68	56	97	16	49	104	29	6	—	4 000
3 rooms	2 117	399	206	238	232	118	161	524	184	49	6	4 900
4 rooms	2 480	290	127	188	209	148	181	749	427	146	15	7 400
5 rooms	1 475	97	98	60	59	137	118	464	299	132	11	8 100
6 rooms or more	745	67	12	41	19	46	76	178	227	68	11	8 900
PERSONS												
1 person	2 398	692	253	256	222	88	161	562	140	18	6	4 000
2 persons	2 345	214	150	212	265	164	175	527	440	175	21	6 900
3 and 4 persons	2 095	161	90	101	109	125	183	759	414	148	5	8 100
5 persons	370	22	17	23	14	35	51	77	76	44	11	7 900
6 persons or more	452	21	31	14	29	58	30	133	109	27	—	8 000
Units with roomers, boarders, or lodgers	142	38	17	10	14	6	10	33	5	9	—	4 400
BEDROOMS												
None	543	168	24	38	108	45	—	118	16	26	—	4 400
1	2 775	710	243	260	337	41	202	685	219	58	20	4 500
2	3 262	255	92	226	216	291	293	1 021	635	191	42	7 800
3 or more	1 221	98	—	23	64	131	67	456	252	108	22	8 500
YEAR STRUCTURE BUILT												
1969 to March 1970	153	11	—	10	—	21	11	51	39	10	—	8 400
1960 to 1968	1 151	56	69	38	108	43	85	353	261	121	17	8 500
1950 to 1959	975	103	78	58	105	69	57	224	222	59	—	7 200
1949 or earlier	5 381	940	394	500	426	351	435	1 430	657	222	26	6 200
YEAR MOVED INTO UNIT												
1969 to March 1970	3 883	474	279	333	362	281	333	1 066	555	190	10	6 600
1968	1 121	86	83	96	101	89	122	258	235	46	5	6 900
1960 to 1967	1 838	268	137	138	116	91	129	526	307	119	7	7 200
1959 or earlier	832	227	104	65	48	26	40	134	125	57	6	4 400
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	7 621	1 105	541	606	639	468	600	2 045	1 170	404	43	6 800
Less than 15 percent	2 457	5	—	—	19	59	170	925	859	377	43	10 300
15 to 19 percent	1 321	—	6	52	106	131	168	626	232	—	—	7 900
20 to 24 percent	906	—	32	69	188	122	137	348	10	—	—	6 300
25 to 34 percent	911	26	120	295	181	108	78	88	15	—	—	4 100
35 percent or more	1 568	872	368	146	135	36	11	—	—	—	—	2000
Not computed	458	202	15	44	10	12	36	58	54	27	—	3 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	2 157	138	23	112	76	173	182	798	471	120	64	8 400
Clothes dryer	1 861	187	23	68	123	83	161	625	422	105	64	8 400
Dishwasher	396	20	—	43	19	—	22	135	51	62	44	—
Home food freezer	483	77	—	20	—	—	44	27	142	89	20	8 600
Owned second home	179	23	—	—	—	—	42	47	25	—	—	—
With air conditioning	2 002	164	118	127	198	81	107	525	464	202	16	8 200
Room unit(s)	1 350	127	79	87	135	52	68	395	283	108	16	8 000
Central system	652	37	39	40	63	29	39	130	181	94	—	8 800
Automobiles available:												
1	4 608	393	329	351	384	308	450	1 469	684	219	21	7 200
2	1 260	32	25	50	64	76	90	296	457	163	7	10 000
3 or more	75	10	—	12	—	6	12	22	8	5	—	...

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]

Anderson	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	16 098	15 858	8 386	6 464	871	137	240	187	35	18	-
PERSONS											
1 person	2 380	2 282	2 282	-	-	-	98	94	4	-	-
2 persons	5 090	4 980	4 818	157	-	5	110	89	21	-	-
3 persons	2 827	2 818	1 055	1 763	-	-	9	4	5	-	-
4 persons	2 707	2 707	157	2 542	8	-	-	-	-	-	-
5 persons	1 611	1 598	74	1 353	165	6	13	-	5	8	-
6 persons or more	1 483	1 473	-	649	698	126	10	-	-	10	-
Median	2.7	2.7	1.9	4.0	6.3	7.5+	1.7	1.5	...	...	-
Units with roomers, boarders, or lodgers	161	155	53	92	5	5	6	-	-	6	-
YEAR STRUCTURE BUILT											
1969 to March 1970	271	271	105	160	6	-	-	-	-	-	-
1965 to 1968	1 134	1 127	406	679	42	-	7	7	-	-	-
1960 to 1964	1 792	1 792	689	992	105	6	-	-	-	-	-
1950 to 1959	3 504	3 478	1 572	1 618	220	68	26	19	7	-	-
1940 to 1949	2 623	2 590	1 408	1 021	126	35	33	23	-	10	-
1939 or earlier	6 754	6 566	4 051	2 084	371	60	188	146	34	8	-
INCOME IN 1969											
Less than \$2,000	1 198	1 140	974	142	24	-	58	54	4	-	-
\$2,000 to \$2,999	661	630	563	61	6	-	31	26	5	-	-
\$3,000 to \$3,999	679	656	501	122	27	6	23	18	5	-	-
\$4,000 to \$4,999	636	619	495	111	13	-	17	17	-	-	-
\$5,000 to \$5,999	720	701	453	200	48	-	19	-	15	4	-
\$6,000 to \$6,999	815	805	465	290	46	4	10	10	-	-	-
\$7,000 to \$9,999	3 573	3 529	1 623	1 586	299	21	44	28	6	10	-
\$10,000 to \$14,999	4 580	4 555	1 937	2 295	266	57	25	25	-	-	-
\$15,000 to \$24,999	2 776	2 763	1 136	1 459	129	39	13	9	-	4	-
\$25,000 or more	460	460	239	198	13	10	-	-	-	-	-
Median	\$9 800	\$9 900	\$8 400	\$11 600	\$9 700	\$13 300	\$4 500	\$3 800	...	...	-
VALUE-INCOME RATIO											
Specified owner occupied ¹	14 571	14 410	7 498	5 977	809	126	161	135	14	12	-
Less than 1.5	7 827	7 747	3 229	3 832	570	116	80	67	5	8	-
1.5 to 1.9	2 666	2 652	1 348	1 151	149	4	14	14	-	-	-
2.0 to 2.4	1 345	1 331	792	508	31	-	14	10	-	4	-
2.5 to 2.9	640	640	466	160	8	6	-	-	-	-	-
3.0 to 3.9	728	705	542	140	23	-	23	14	9	-	-
4.0 or more	1 229	1 205	1 020	157	28	-	24	24	-	-	-
Not computed	136	130	101	29	-	-	6	6	-	-	-
HEATING EQUIPMENT											
Steam or hot water	1 472	1 444	841	569	34	-	28	24	-	4	-
Warm-air furnace	12 139	12 012	6 375	4 952	593	92	127	101	26	-	-
Built-in electric units	491	491	198	265	28	-	-	-	-	-	-
Floor, wall, or pipeless furnace	664	646	293	267	69	17	18	13	5	-	-
Other means	1 314	1 247	672	406	141	28	67	49	4	14	-
None	18	18	7	5	6	-	-	-	-	-	-
Renter occupied housing units	7 660	7 395	3 653	3 189	422	131	265	127	114	11	13
PERSONS											
1 person	2 398	2 240	2 066	174	-	-	158	107	51	-	-
2 persons	2 345	2 290	1 434	851	-	5	55	20	35	-	-
3 persons	1 194	1 175	130	1 022	87	-	19	-	19	-	-
4 persons	901	881	13	762	87	19	20	-	9	11	-
5 persons	370	366	10	261	85	10	4	-	-	4	-
6 persons or more	452	443	-	119	227	97	9	-	-	-	9
Median	2.1	2.1	1.4	3.1	5.6	6.8	1.3	1.1	1.7	...	...
Units with roomers, boarders, or lodgers	142	142	41	96	-	5	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	142	142	57	80	-	5	-	-	-	-	-
1965 to 1968	623	623	369	247	7	-	-	-	-	-	-
1960 to 1964	456	456	248	193	5	10	-	-	-	-	-
1950 to 1959	1 033	1 014	467	503	33	11	19	6	-	7	6
1940 to 1949	1 247	1 227	530	585	83	29	20	5	15	-	-
1939 or earlier	4 173	3 951	2 068	1 539	250	94	222	104	98	7	13
INCOME IN 1969											
Less than \$2,000	1 110	1 030	645	336	37	12	80	50	24	6	-
\$2,000 to \$2,999	541	518	306	168	44	-	23	5	13	5	-
\$3,000 to \$3,999	606	571	316	201	54	-	35	20	15	-	-
\$4,000 to \$4,999	639	627	324	253	15	35	12	8	-	-	4
\$5,000 to \$5,999	472	452	185	211	30	26	20	-	16	-	4
\$6,000 to \$6,999	600	580	278	256	34	12	20	-	20	-	-
\$7,000 to \$9,999	2 058	2 024	901	972	135	16	34	19	15	-	-
\$10,000 to \$14,999	1 179	1 144	508	573	54	9	35	19	11	-	5
\$15,000 to \$24,999	412	406	163	203	19	21	6	-	-	-	-
\$25,000 or more	43	43	27	16	-	-	-	-	-	-	-
Median	\$6 800	\$6 900	\$6 200	\$7 500	\$6 900	\$5 700	\$3 800	\$3 400	\$5 300	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	7 621	7 360	3 648	3 168	413	131	261	127	114	11	9
Less than 10 percent	858	777	366	358	27	26	81	39	42	-	-
10 to 14 percent	1 599	1 588	707	818	59	4	11	-	11	-	-
15 to 19 percent	1 321	1 292	615	535	108	34	29	15	10	-	4
20 to 24 percent	906	889	391	421	36	41	17	5	12	-	-
25 to 34 percent	911	883	491	326	57	9	28	13	10	5	-
35 percent or more	1 568	1 504	809	586	97	12	64	40	18	6	-
Not computed	458	427	269	124	29	5	31	15	11	-	5
HEATING EQUIPMENT											
Steam or hot water	1 337	1 285	784	465	32	4	52	32	20	-	4
Warm-air furnace	4 432	4 323	2 054	1 953	225	91	109	46	54	5	-
Built-in electric units	146	146	95	51	-	-	-	-	-	-	-
Floor, wall, or pipeless furnace	484	479	201	193	73	12	5	5	-	-	-
Other means	1 257	1 158	515	527	92	24	99	44	40	6	9
None	4	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-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]

Anderson	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	16 098	9	45	372	3 641	6 341	3 323	1 517	850	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	15 724	8	19	333	3 491	6 365	3 210	1 499	799	5.1
PERSONS										
1 person	2 380	4	29	180	826	881	326	73	61	4.7
2 persons	5 090	5	16	162	1 530	2 133	802	327	115	4.9
3 persons	2 827	—	—	16	607	1 145	650	271	138	5.2
4 persons	2 707	—	—	8	414	1 077	740	311	157	5.4
5 persons	1 611	—	—	6	173	629	403	258	142	5.5
6 persons or more	1 483	—	—	—	91	476	402	277	237	5.9
Median	2.7	...	...	1.5	2.2	2.6	3.3	3.8	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	15 858	5	35	327	3 560	6 266	3 302	1 513	850	5.1
0.50 or less	8 386	—	19	156	2 283	2 953	1 763	667	545	5.1
0.51 to 1.00	6 464	—	16	157	1 021	2 841	1 348	789	292	5.2
1.01 to 1.50	871	—	—	8	222	417	167	44	13	5.0
1.51 or more	137	5	—	6	34	55	24	13	—	4.9
Lacking some or all plumbing facilities	240	4	10	45	81	75	21	4	—	4.3
0.50 or less	187	—	10	24	73	61	15	4	—	4.3
0.51 to 1.00	35	4	—	21	—	10	—	—	—	...
1.01 to 1.50	18	—	—	—	8	4	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	762	—	73	268	303	79	39	—	—	3.6
2	6 734	—	—	55	3 209	2 845	531	54	40	4.5
3	6 917	—	—	—	38	2 960	2 709	952	258	5.7
4 or more	1 451	—	—	—	—	52	252	546	601	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	278	—	—	5	93	84	33	34	29	5.0
1960 to 1968	3 062	—	20	48	350	1 281	754	406	203	5.4
1950 to 1959	3 496	—	9	54	943	1 553	694	185	58	5.0
1949 or earlier	9 262	9	16	265	2 255	3 423	1 842	892	560	5.1
COMPLETE BATHROOMS										
1 and 1 1/2	13 851	8	19	307	3 394	5 996	2 696	1 090	341	5.0
2 or more	1 873	—	—	26	97	369	514	409	458	6.4
None or also used by another household	354	6	14	58	142	111	8	8	7	4.2
VALUE-INCOME RATIO										
Specified owner occupied ¹	14 571	9	25	189	3 043	5 931	3 156	1 454	764	5.2
Less than 1.5	7 827	5	11	92	1 671	3 308	1 634	764	342	5.1
1.5 to 1.9	2 666	—	—	5	443	1 006	715	318	179	5.4
2.0 to 2.9	1 985	—	—	34	369	784	432	206	160	5.3
3.0 or more	1 957	4	14	53	524	801	333	150	78	5.0
Not computed	136	—	—	5	36	32	42	16	5	5.3
Renter occupied housing units										
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	7 660	238	605	2 117	2 480	1 475	519	137	89	3.9
	7 199	106	509	2 025	2 378	1 478	495	128	80	3.9
PERSONS										
1 person	2 398	225	442	995	518	151	40	14	13	3.0
2 persons	2 345	5	124	762	933	421	78	17	5	3.8
3 persons	1 194	—	23	219	553	269	93	37	—	4.1
4 persons	901	8	11	98	300	334	122	15	13	4.6
5 persons	370	—	—	14	85	145	71	33	22	5.1
6 persons or more	452	—	5	29	91	155	115	21	36	5.2
Median	2.1	1.0	1.2	1.6	2.3	3.1	3.9	3.5	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	7 395	187	533	2 046	2 434	1 455	514	137	89	3.9
0.50 or less	3 653	—	386	968	1 418	561	211	68	41	3.8
0.51 to 1.00	3 189	174	113	952	844	739	254	69	44	3.9
1.01 to 1.50	422	—	23	87	143	125	40	—	4	4.2
1.51 or more	131	13	11	39	29	30	9	—	—	3.6
Lacking some or all plumbing facilities	265	51	72	71	46	20	5	—	—	2.6
0.50 or less	127	—	56	27	33	11	—	—	—	2.8
0.51 to 1.00	114	51	11	29	9	9	5	—	—	2.0
1.01 to 1.50	11	—	—	11	—	—	—	—	—	...
1.51 or more	13	—	5	4	—	—	—	—	—	...
BEDROOMS										
None	543	274	246	23	—	—	—	—	—	1.5
1	2 775	—	299	1 951	466	43	16	—	—	3.1
2	3 262	—	—	184	2 035	982	61	—	—	4.2
3 or more	1 221	—	—	—	26	443	481	151	120	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	153	4	6	32	63	28	15	5	—	4.0
1960 to 1968	1 151	10	42	219	636	183	46	15	—	4.0
1950 to 1959	975	6	43	260	396	187	63	20	—	4.0
1949 or earlier	5 381	218	514	1 606	1 385	1 077	395	97	89	3.8
COMPLETE BATHROOMS										
1 and 1 1/2	7 131	155	509	2 018	2 377	1 459	450	113	50	3.9
2 or more	151	8	—	7	21	25	45	15	30	5.8
None or also used by another household	392	61	100	113	74	19	15	10	—	2.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	7 621	238	605	2 112	2 471	1 466	511	133	85	3.8
Less than 10 percent	858	56	71	262	218	184	45	11	11	3.7
10 to 14 percent	1 599	31	103	441	522	317	140	24	21	3.9
15 to 19 percent	1 321	9	75	282	535	311	51	37	21	4.1
20 to 24 percent	906	24	46	210	325	194	92	10	5	4.0
25 to 34 percent	911	30	89	299	310	114	54	15	—	3.6
35 percent or more	1 568	81	174	541	454	234	58	4	22	3.5
Not computed	458	7	47	77	107	112	71	32	5	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]

Anderson	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	16 098	14 981	791	326	7 660	3 346	1 390	1 231	575	483	507	128
ROOMS												
1 room	9	9	-	-	238	13	10	35	43	-	130	-
2 rooms	45	30	10	5	605	96	110	151	114	28	93	13
3 rooms	372	194	136	42	2 117	448	604	622	207	82	126	28
4 rooms	3 641	3 154	277	210	2 480	1 078	457	331	170	279	113	52
5 rooms	6 341	6 088	188	65	1 475	1 056	178	70	41	65	40	25
6 rooms	3 323	3 226	93	4	519	434	31	22	-	17	5	10
7 rooms	1 517	1 486	31	-	137	132	-	-	-	5	-	-
8 rooms or more	850	794	56	-	89	89	-	-	-	-	-	-
Median	5.1	5.2	4.4	4.1	3.9	4.5	3.5	3.2	3.1	3.9	2.7	3.9
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	15 858	14 815	732	311	7 395	3 269	1 358	1 153	521	464	507	123
0.50 or less	8 386	7 731	465	190	3 653	1 360	706	670	291	319	262	45
0.51 to 1.00	6 464	6 128	229	107	3 189	1 542	560	419	205	140	245	78
1.01 to 1.50	871	830	32	9	422	300	77	19	21	5	-	-
1.51 or more	137	126	6	5	131	67	15	45	4	-	-	-
Lacking some or all plumbing facilities	240	166	59	15	265	77	32	78	54	19	-	5
0.50 or less	187	140	42	5	127	33	10	49	18	12	-	5
0.51 to 1.00	35	14	11	10	114	29	18	24	36	7	-	-
1.01 to 1.50	18	12	6	-	11	6	-	5	-	-	-	-
1.51 or more	-	-	-	-	13	9	4	-	-	-	-	-
BEDROOMS												
None	14	14	-	-	543	64	44	132	72	22	209	-
1	748	519	194	35	2 775	653	764	761	199	104	294	-
2	6 734	6 190	287	257	3 262	1 763	472	284	248	299	40	156
3	6 917	6 834	63	20	922	737	51	-	21	42	-	71
4 or more	1 451	1 427	24	-	299	299	-	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	278	157	64	57	153	22	19	17	20	48	12	15
1965 to 1968	1 177	1 037	15	125	630	101	73	38	85	215	67	31
1960 to 1964	1 885	1 769	44	72	521	158	69	38	41	130	52	33
1950 to 1959	3 496	3 404	49	43	975	658	152	85	30	12	10	28
1940 to 1949	2 614	2 534	60	20	1 245	714	231	162	77	16	24	21
1939 or earlier	6 648	6 080	559	9	4 136	1 693	846	891	322	62	322	-
INCOME IN 1969												
Less than \$2,000	1 198	1 003	147	48	1 110	310	240	262	121	57	102	18
\$2,000 to \$2,999	661	597	42	22	541	177	110	137	31	28	53	5
\$3,000 to \$3,999	679	616	42	21	606	256	112	126	46	10	29	27
\$4,000 to \$4,999	636	593	39	4	639	191	129	108	68	50	89	4
\$5,000 to \$5,999	720	630	65	25	472	261	70	77	15	21	28	-
\$6,000 to \$6,999	815	739	56	20	600	249	157	113	44	26	-	11
\$7,000 to \$9,999	3 573	3 285	226	62	2 058	956	363	295	151	134	120	39
\$10,000 to \$14,999	4 580	4 349	138	93	1 179	709	164	75	46	119	52	14
\$15,000 to \$24,999	2 776	2 723	27	26	412	221	45	33	47	27	29	10
\$25,000 or more	460	446	9	5	43	16	-	5	6	11	5	-
Median	\$9 800	\$10 000	\$7 100	\$8 100	\$6 800	\$7 700	\$6 200	\$4 800	\$6 100	\$8 100	\$4 800	\$6 900
YEAR MOVED INTO UNIT												
1969 to March 1970	1 554	1 305	132	117	3 883	1 531	780	619	348	305	227	73
1968	1 205	1 082	72	51	1 121	555	75	76	90	92	92	14
1967	972	904	41	27	579	304	103	87	26	30	23	6
1965 and 1966	2 000	1 882	48	70	659	341	64	115	26	47	66	-
1960 to 1964	3 378	3 180	157	41	600	280	60	169	39	16	36	-
1950 to 1959	3 774	3 618	150	6	575	157	142	177	54	15	22	8
1949 or earlier	3 195	2 935	247	13	257	158	42	12	18	-	27	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	7 621	3 307	1 390	1 231	575	483	507	128
Less than \$50	...	...	...	...	247	61	49	74	36	7	20	-
\$50 to \$59	...	...	...	...	369	64	88	82	67	10	38	20
\$60 to \$69	...	...	...	...	718	160	118	236	82	39	73	10
\$70 to \$79	...	...	...	...	907	286	177	247	111	6	66	14
\$80 to \$99	...	...	...	...	1 692	651	476	349	106	11	83	16
\$100 to \$119	...	...	...	...	1 337	852	223	138	29	26	52	17
\$120 to \$149	...	...	...	...	1 333	700	170	58	64	227	91	23
\$150 to \$199	...	...	...	...	595	255	50	20	80	130	60	-
\$200 to \$299	...	...	...	...	66	22	-	-	-	27	17	-
\$300 or more	...	...	...	...	5	5	-	-	-	-	-	-
No cash rent	...	...	...	...	352	251	39	27	-	-	7	28
Median	...	...	...	...	\$95	\$107	\$88	\$79	\$79	\$139	\$91	\$85
HEATING EQUIPMENT												
Steam or hot water	1 472	1 361	111	-	1 337	144	126	290	253	185	339	-
Warm-air furnace	12 139	11 313	579	247	4 432	2 095	996	645	252	242	131	71
Built-in electric units	491	481	10	-	146	43	25	5	18	34	16	5
Floor, wall, or pipeless furnace	664	618	25	21	484	322	67	68	5	6	5	11
Other means	1 314	1 196	60	58	1 257	742	172	223	47	16	16	41
None	18	12	6	-	4	-	4	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	4 113	3 851	197	65	1 350	525	208	159	116	210	114	18
Central system	1 145	1 069	62	14	652	95	74	14	78	238	143	10
None	10 820	9 986	588	246	5 672	2 706	1 128	1 081	393	55	236	73
AUTOMOBILES AVAILABLE												
1	8 442	7 647	567	228	4 608	2 033	877	766	355	289	217	71
2	5 465	5 319	106	40	1 260	690	183	101	53	129	80	24
3 or more	774	712	37	25	75	44	13	-	-	18	-	-
None	1 397	1 228	137	32	1 731	559	337	387	179	67	196	6

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]

Anderson	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	16 098	560	2 190	2 796	4 950	1 660	227	100	906	329	1 202	1 178
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	15 858	560	2 181	2 782	4 914	1 597	227	100	895	320	1 173	1 109
0.50 or less	8 386	143	295	514	2 878	1 350	150	70	475	229	1 173	1 109
0.51 to 1.00	6 464	408	1 615	1 813	1 846	229	62	30	380	81	—	—
1.01 to 1.50	871	9	244	401	150	8	15	—	34	10	—	—
1.51 or more	137	—	27	54	40	10	—	—	6	—	—	—
Lacking some or all plumbing facilities	240	—	9	14	36	63	—	—	11	9	29	69
0.50 or less	187	—	—	10	26	48	—	—	5	4	25	69
0.51 to 1.00	35	—	5	—	—	15	—	—	—	5	4	—
1.01 to 1.50	18	—	4	4	10	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	14 981	455	2 076	2 696	4 770	1 519	213	96	835	282	1 017	1 022
2 or more	791	50	61	79	123	121	5	4	56	47	112	133
Mobile home or trailer	326	55	53	21	57	20	9	—	15	—	73	23
INCOME IN 1969												
Less than \$2,000	1 198	17	26	20	46	144	—	15	126	53	175	576
\$2,000 to \$2,999	661	15	11	7	52	169	—	5	43	18	141	200
\$3,000 to \$3,999	679	21	29	26	71	212	6	5	59	25	102	123
\$4,000 to \$4,999	636	4	10	20	61	197	6	15	106	25	115	77
\$5,000 to \$5,999	720	40	44	56	146	223	6	5	60	35	62	43
\$6,000 to \$6,999	815	66	109	46	189	140	15	5	70	44	86	45
\$7,000 to \$9,999	3 573	203	697	662	936	228	89	10	249	60	376	63
\$10,000 to \$14,999	4 580	168	949	1 056	1 744	217	62	30	146	52	125	31
\$15,000 to \$24,999	2 776	26	311	795	1 456	80	24	5	42	17	15	5
\$25,000 or more	460	—	4	108	249	50	19	5	5	—	5	15
Median	\$9 800	\$8 700	\$10 900	\$12 700	\$12 800	\$5 500	\$9 700	\$7 000	\$6 800	\$6 200	\$6 100	\$2 100
VALUE-INCOME RATIO												
Specified owner occupied¹	14 571	445	2 051	2 635	4 640	1 449	207	90	814	282	1 005	953
Less than 1.5	7 827	229	1 260	1 636	3 229	1 32	132	44	331	113	332	128
1.5 to 1.9	2 666	113	433	615	748	294	46	6	162	38	170	39
2.0 to 2.4	1 345	56	226	215	377	178	15	20	44	34	104	76
2.5 to 2.9	640	20	56	80	81	137	—	5	84	16	84	77
3.0 to 3.9	728	10	15	69	88	242	6	4	64	40	86	104
4.0 or more	1 229	9	51	15	96	197	6	11	106	41	210	487
Not computed	136	8	10	5	21	9	—	—	23	—	18	42
Renter occupied housing units	7 660	1 250	1 187	546	718	260	251	10	955	85	1 634	764
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	7 395	1 239	1 180	526	699	251	240	10	925	85	1 523	717
0.50 or less	3 653	407	231	69	301	147	103	5	278	46	1 405	661
0.51 to 1.00	3 189	748	800	354	326	104	132	—	512	39	118	56
1.01 to 1.50	422	56	107	77	59	—	5	5	113	—	—	—
1.51 or more	131	28	42	26	13	—	—	—	22	—	—	—
Lacking some or all plumbing facilities	265	11	7	20	19	9	11	—	30	—	111	47
0.50 or less	127	—	—	—	6	9	5	—	—	—	73	34
0.51 to 1.00	114	5	7	11	9	—	6	—	25	—	38	13
1.01 to 1.50	11	6	—	—	—	—	—	—	5	—	—	—
1.51 or more	13	—	—	9	4	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	3 346	580	696	384	388	124	121	5	442	34	425	147
2 to 4	2 621	447	302	93	212	53	51	5	368	35	684	371
5 to 19	1 058	188	124	46	73	42	56	—	85	10	306	128
20 or more	507	16	40	4	25	33	9	—	52	6	209	113
Mobile home or trailer	128	19	25	19	20	8	14	—	8	—	10	5
GROSS RENT												
Specified renter occupied²	7 621	1 250	1 179	538	705	260	246	10	955	85	1 629	764
Less than \$50	247	5	12	—	11	4	4	—	4	—	104	99
\$50 to \$59	369	39	6	17	21	13	15	5	37	5	127	84
\$60 to \$69	718	69	36	32	66	25	16	—	48	12	276	138
\$70 to \$79	907	112	99	25	90	42	29	—	117	6	280	107
\$80 to \$99	1 692	351	248	130	94	51	34	—	258	27	374	125
\$100 to \$119	1 337	274	272	116	146	15	37	5	226	20	190	36
\$120 to \$149	1 333	296	279	115	145	60	37	—	159	10	177	55
\$150 to \$199	595	91	153	61	60	30	49	—	78	5	68	—
\$200 to \$299	66	8	37	10	—	—	—	—	6	—	—	5
\$300 or more	5	—	—	—	—	—	—	—	—	—	—	5
No cash rent	352	5	37	32	72	18	23	—	22	—	33	110
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied²	7 621	1 250	1 179	538	705	260	246	10	955	85	1 629	764
Less than \$5,000	2 891	334	125	72	81	126	76	5	585	69	713	705
Less than 20 percent	188	26	—	4	10	15	—	—	20	6	62	45
20 to 24 percent	289	46	27	15	10	17	—	5	44	7	97	28
25 to 34 percent	622	91	34	19	31	10	—	—	119	5	165	123
35 percent or more	1 521	166	64	24	16	76	58	—	351	51	327	181
Not computed	271	5	—	10	14	8	—	—	51	—	62	328
\$5,000 to \$9,999	3 113	647	663	227	289	98	112	5	257	5	752	59
Less than 20 percent	2 079	402	402	151	186	57	56	5	145	—	626	49
20 to 24 percent	607	184	132	54	54	10	20	—	77	—	76	—
25 to 34 percent	274	51	76	17	11	26	12	—	29	—	42	10
35 percent or more	47	5	26	—	—	—	—	—	—	—	—	—
Not computed	106	5	27	5	37	5	6	—	—	5	—	—
\$10,000 to \$14,999	1 170	233	294	184	197	31	21	—	63	7	140	—
Less than 20 percent	1 091	233	269	163	188	21	21	—	58	7	131	—
20 to 24 percent	10	—	—	5	—	—	—	—	—	—	—	—
25 percent or more	15	—	15	—	—	—	—	—	—	—	5	—
Not computed	54	—	10	16	9	10	—	—	—	—	4	—
\$15,000 or more	447	36	97	55	139	5	37	—	50	4	24	—
Less than 20 percent	420	36	97	50	122	5	32	—	50	4	24	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	27	—	—	5	17	—	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-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)

Anderson	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	16 098	2 380	5 090	2 827	2 707	1 611	752	439	292	2.7
BEDROOMS										
None and 1	762	370	335	37	20	—	—	—	—	1.5
2	6 734	1 638	2 922	1 088	634	238	167	47	—	2.1
3	6 917	499	1 430	1 322	1 978	1 019	427	164	78	3.6
4 or more	1 451	63	197	258	183	163	197	192	198	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970	278	21	41	116	52	19	24	5	—	3.2
1965 to 1968	1 177	54	249	276	344	154	60	17	23	3.5
1960 to 1964	1 885	147	508	336	460	278	92	50	14	3.4
1950 to 1959	3 496	371	1 055	672	692	411	141	97	57	3.0
1940 to 1949	2 614	356	873	456	449	226	129	66	59	2.7
1939 or earlier	6 648	1 431	2 364	971	710	523	306	204	139	2.3
UNITS IN STRUCTURE										
1	14 981	2 039	4 705	2 631	2 617	1 567	733	412	277	2.8
2 or more	791	245	271	137	52	35	14	27	10	2.1
Mobile home or trailer	326	96	114	59	38	9	5	—	5	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	13 851	2 039	4 536	2 524	2 277	1 275	623	347	230	2.6
2 and 2 1/2	1 762	85	421	283	402	289	105	101	76	3.7
3 or more	111	21	28	8	12	17	19	—	6	—
None or also used by another household	354	147	138	26	7	21	—	8	7	1.7
HOUSEHOLD COMPOSITION										
Two-or-more-person households	13 718	...	5 090	2 827	2 707	1 611	752	439	292	3.1
Male head, wife present, no nonrelatives	12 156	...	4 287	2 521	2 488	1 503	704	383	270	3.2
Under 25 years	560	...	117	253	161	24	5	—	—	3.1
25 to 34 years	2 190	...	125	385	873	513	131	116	47	4.2
35 to 44 years	2 796	...	307	402	773	621	416	150	127	4.4
45 to 64 years	4 950	...	2 396	1 248	638	328	152	97	91	2.6
65 years and over	1 660	...	1 342	233	43	17	—	20	5	2.1
Other male head	327	...	180	52	60	20	—	5	—	2.4
Under 65 years	227	...	122	30	45	15	—	5	—	2.4
65 years and over	100	...	58	—	15	5	—	—	—	2.4
Female head	1 235	...	623	254	159	88	48	51	12	2.5
Under 65 years	906	...	408	197	129	75	40	45	12	2.7
65 years and over	329	...	215	57	30	13	8	6	—	2.3
One-person households	2 380	2 380	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	14 571	1 958	4 561	2 546	2 562	1 542	726	404	272	2.8
Less than 1.5	7 827	461	2 310	1 560	1 570	972	500	256	198	3.2
1.5 to 1.9	2 666	209	808	519	581	310	130	65	44	3.1
2.0 to 2.4	1 345	180	504	229	204	144	45	27	10	2.5
2.5 to 2.9	640	161	235	106	65	50	12	5	6	2.2
3.0 to 3.9	728	190	349	53	84	18	16	12	6	2.0
4.0 or more	1 229	697	308	75	52	43	18	28	8	1.4
Not computed	136	60	47	4	4	5	5	11	—	1.7
Renter occupied housing units	7 660	2 398	2 345	1 194	901	370	260	122	70	2.1
BEDROOMS										
None	543	470	22	—	51	—	—	—	—	1.1
1	2 775	1 329	936	414	70	—	26	—	—	1.6
2	3 262	405	1 233	797	476	165	93	93	—	2.5
3 or more	1 221	68	176	98	294	201	220	83	81	4.4
YEAR STRUCTURE BUILT										
1969 to March 1970	153	17	63	42	26	5	—	—	—	2.4
1965 to 1968	630	137	317	105	66	5	—	—	—	2.1
1960 to 1964	521	106	205	109	64	11	15	11	—	2.3
1950 to 1959	975	207	353	172	153	46	36	4	4	2.3
1940 to 1949	1 245	342	336	247	172	54	52	42	—	2.3
1939 or earlier	4 136	1 589	1 071	519	420	249	157	65	66	1.9
UNITS IN STRUCTURE										
1	3 346	572	875	632	576	296	230	111	54	2.9
2	1 390	444	580	182	117	43	12	6	6	1.9
3 and 4	1 231	611	312	166	94	19	14	5	10	1.5
5 to 9	575	264	196	78	33	—	4	—	—	1.6
10 to 19	483	170	183	88	30	12	—	—	—	1.9
20 or more	507	322	133	24	28	—	—	—	—	1.3
Mobile home or trailer	128	15	66	24	23	—	—	—	—	2.2
COMPLETE BATHROOMS										
1 and 1 1/2	7 131	2 214	2 243	1 113	823	340	222	99	77	2.1
2 or more	151	34	16	20	50	12	12	7	—	3.6
None or also used by another household	392	209	84	28	38	12	8	6	7	1.4
HOUSEHOLD COMPOSITION										
Two-or-more-person households	5 262	...	2 345	1 194	901	370	260	122	70	2.7
Male head, wife present, no nonrelatives	3 961	...	1 641	954	710	300	210	82	64	2.9
Under 25 years	1 250	...	668	353	165	27	22	9	6	2.4
25 to 34 years	1 187	...	297	291	329	148	76	27	19	3.5
35 to 44 years	546	...	93	91	139	89	77	32	25	4.1
45 to 64 years	718	...	377	177	77	24	35	14	14	2.5
65 years and over	260	...	206	42	—	12	—	—	—	2.1
Other male head	261	...	180	57	9	—	5	—	—	2.2
Under 65 years	251	...	175	57	4	10	5	—	—	2.2
65 years and over	10	...	5	—	5	—	—	—	—	...
Female head	1 040	...	524	183	182	60	45	40	6	2.5
Under 65 years	955	...	455	167	182	60	45	40	6	2.6
65 years and over	85	...	69	16	—	—	—	—	—	1.0
One-person households	2 398	2 398	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	7 621	2 393	2 340	1 194	901	366	239	118	70	2.1
Less than 10 percent	858	239	299	151	72	62	23	8	4	2.1
10 to 14 percent	1 599	374	537	282	234	85	61	20	6	2.3
15 to 19 percent	1 321	324	403	226	212	61	36	43	16	2.3
20 to 24 percent	906	206	271	206	112	42	28	11	30	2.4
25 to 34 percent	911	340	295	97	98	32	36	9	4	1.7
35 percent or more	1 568	715	414	183	134	64	36	22	—	1.7
Not computed	458	195	121	49	39	20	19	5	10	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]

Anderson					Anderson				
	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	281	120	93	68	Vacant for rent	845	417	222	206
ROOMS					ROOMS				
1 to 3 rooms	45	14	13	18	1 room	36	24	8	4
4 rooms	39	20	11	8	2 rooms	98	48	32	18
5 rooms	124	54	38	32	3 rooms	327	171	52	104
6 rooms	44	19	21	4	4 rooms	215	103	67	45
7 rooms or more	29	13	10	6	5 rooms	136	67	40	29
					6 rooms	25	19	6	6
					7 rooms or more	8	4	—	—
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	274	116	93	65	With all plumbing facilities	779	368	205	206
Lacking some or all plumbing facilities	7	4	—	3	Lacking some or all plumbing facilities	66	49	17	—
BEDROOMS					BEDROOMS				
None and 1	124	102	22	—	None	55	55	—	—
2	44	44	—	—	1	459	248	73	138
3	82	18	64	—	2	248	141	53	54
4 or more	87	68	19	—	3 or more	89	34	36	19
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	9	9	—	—	1969 to March 1970	28	18	3	7
1960 to 1968	37	17	15	5	1960 to 1968	136	74	21	41
1950 to 1959	44	18	20	6	1950 to 1959	46	25	17	4
1949 or earlier	191	76	58	57	1949 or earlier	635	300	181	154
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	238	100	88	50	1	286	98	104	84
2 or more	43	20	5	18	2 to 4	310	190	63	57
					5 to 9	137	79	29	29
					10 to 19	61	21	18	22
					20 or more	51	29	8	14
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	14	6	4	4					
Warm-air furnace	228	99	76	53					
Build-in electric units	—	—	—	—					
Floor, wall, or pipeless furnace	10	5	5	—					
Other means	29	10	8	11					
None	—	—	—	—					
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	238	100	88	50	Specified vacant for rent ²	841	417	218	206
Less than \$5,000	7	4	3	—	Less than \$50	106	31	32	43
\$5,000 to \$9,999	75	26	21	28	\$50 to \$59	88	38	26	24
\$10,000 to \$14,999	97	26	54	17	\$60 to \$79	283	140	79	64
\$15,000 to \$19,999	26	21	—	5	\$80 to \$99	153	89	48	16
\$20,000 to \$24,999	6	6	—	—	\$100 to \$119	74	28	14	32
\$25,000 to \$34,999	27	17	10	—	\$120 to \$149	112	75	19	18
\$35,000 to \$49,999	—	—	—	—	\$150 to \$199	25	16	—	9
\$50,000 or more	—	—	—	—	\$200 or more	—	—	—	—
Median price asked	\$11 900	\$13 800	...	...	Median rent asked	\$76	\$80	\$73	\$71

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]

Anderson	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	238	82	97	26	6	27	841	194	283	153	186	25
PLUMBING FACILITIES												
With all plumbing facilities	277	122	87	23	—	45	834	119	346	128	174	67
Lacking some or all plumbing facilities	—	—	—	—	—	—	17	17	—	—	—	—
BEDROOMS												
None and 1	86	63	—	—	—	23	514	102	251	74	87	—
2	22	22	—	—	—	—	248	34	76	37	34	67
3	82	18	64	—	—	—	89	—	19	17	53	—
4 or more	87	19	23	23	—	22	—	—	—	—	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	9	—	—	3	6	—	28	—	8	—	20	—
1960 to 1968	37	—	8	14	—	15	136	5	16	11	82	22
1950 to 1959	38	—	32	—	—	6	46	17	9	9	11	—
1949 or earlier	154	82	57	9	—	6	631	172	250	133	73	3
UNITS IN STRUCTURE												
1	...	...	...	...	...	...	282	80	106	52	41	3
2 to 4	...	...	...	...	...	...	310	66	123	74	44	3
5 to 19	...	...	...	...	...	...	198	48	41	8	82	19
20 or more	...	...	...	...	...	...	51	—	13	19	19	—
INCLUSION OF UTILITIES IN RENT												
All utilities included	...	...	...	...	...	...	338	69	132	58	76	3
Some or no utilities included	...	...	...	...	...	...	503	125	151	95	110	22

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-

stries, 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>• ■ •</p> <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; 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>■</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> <p style="font-size: small; border: 1px solid black; padding: 2px; width: fit-content; margin-left: 20px;"><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>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>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="font-size: small; text-align: center;">(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 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>1 0 0 0</td><td>1 0 0 0</td></tr> <tr><td>2 0 0 0</td><td>2 0 0 0</td></tr> <tr><td>3 0 0 0</td><td>3 0 0 0</td></tr> <tr><td>4 0 0 0</td><td>4 0 0 0</td></tr> <tr><td>5 0 0 0</td><td>5 0 0 0</td></tr> <tr><td>6 0 0 0</td><td>6 0 0 0</td></tr> <tr><td>7 0 0 0</td><td>7 0 0 0</td></tr> <tr><td>8 0 0 0</td><td>8 0 0 0</td></tr> <tr><td>9 0 0 0</td><td>9 0 0 0</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 style="font-size: x-small;"><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>■</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 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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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 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 Average monthly cost <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used</p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used</p> <p>c. Water? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost <input type="radio"/> No, included in rent <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? <input type="radio"/> An individual well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? <input checked="" type="checkbox"/></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 <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump <input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/> <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>	<p>H20. Is this building connected to a public sewer? <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means</p>
<p>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 <input type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949 <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 <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 complete bathrooms <input type="radio"/> 2 complete bathrooms, plus half bath(s) <input type="radio"/> 3 or more complete bathrooms <input checked="" type="checkbox"/></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 <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="checkbox"/> <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe _____</p>	<p>H22. Do you have air-conditioning? <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H19 <input type="radio"/> On a place of less than 10 acres? <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 <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 automobiles or more <input checked="" type="checkbox"/></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) <input checked="" type="checkbox"/> <input type="radio"/> \$50 to \$249 <input type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

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 <small>Average monthly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used</p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <small>Average monthly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used</p> <p>c. Water? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <small>Yearly cost</small> <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <small>Yearly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used</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 one circle for the kind of heat you use most.</p> <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>	<p>H25a. Which fuel is used most for cooking? <input checked="" type="radio"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>
<p>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 checked="" type="radio"/> 1965 to 1968 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier</p>	<p>b. Which fuel is used most for house heating? <input checked="" type="radio"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>
<p>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 <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 checked="" 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>	<p>c. Which fuel is used most for water heating? <input checked="" type="radio"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>
<p>H17. Is this building—</p> <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>	<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 <input checked="" type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 bedrooms 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 checked="" type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input 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>	<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>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>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>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>	<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 checked="" 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
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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.

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				FINANCIAL CHARACTERISTICS			
Rooms	1.0	1.1	2.1	Value	1.0	1.1	2.1
Size of household (persons)	0.5	0.6	1.2	Value-income ratio	1.0	1.2	...
Persons per room	0.4	0.5	0.9	Gross rent	0.9	1.1	2.1
Bedrooms .....	...	...	2.1	Gross rent as percentage of income	1.0	1.2	...
PLUMBING CHARACTERISTICS				HOUSEHOLD CHARACTERISTICS			
Complete bathrooms .....	...	1.1	...	Sales price asked	1.1	...	2.5
Plumbing facilities	1.0	...	...	Rent asked	1.1	...	2.5
STRUCTURAL CHARACTERISTICS				ALL OTHERS			
Units in structure	0.8	0.9	1.7	Household composition	0.6	0.7	...
Year structure built	0.9	1.0	...	Income in 1969	1.0	1.2	2.3
					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, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national 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.

APPENDIX D--Continued

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 4-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.



OFFICIAL BUSINESS

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7, 17, 25 HOUSEHOLD COMPOSITION

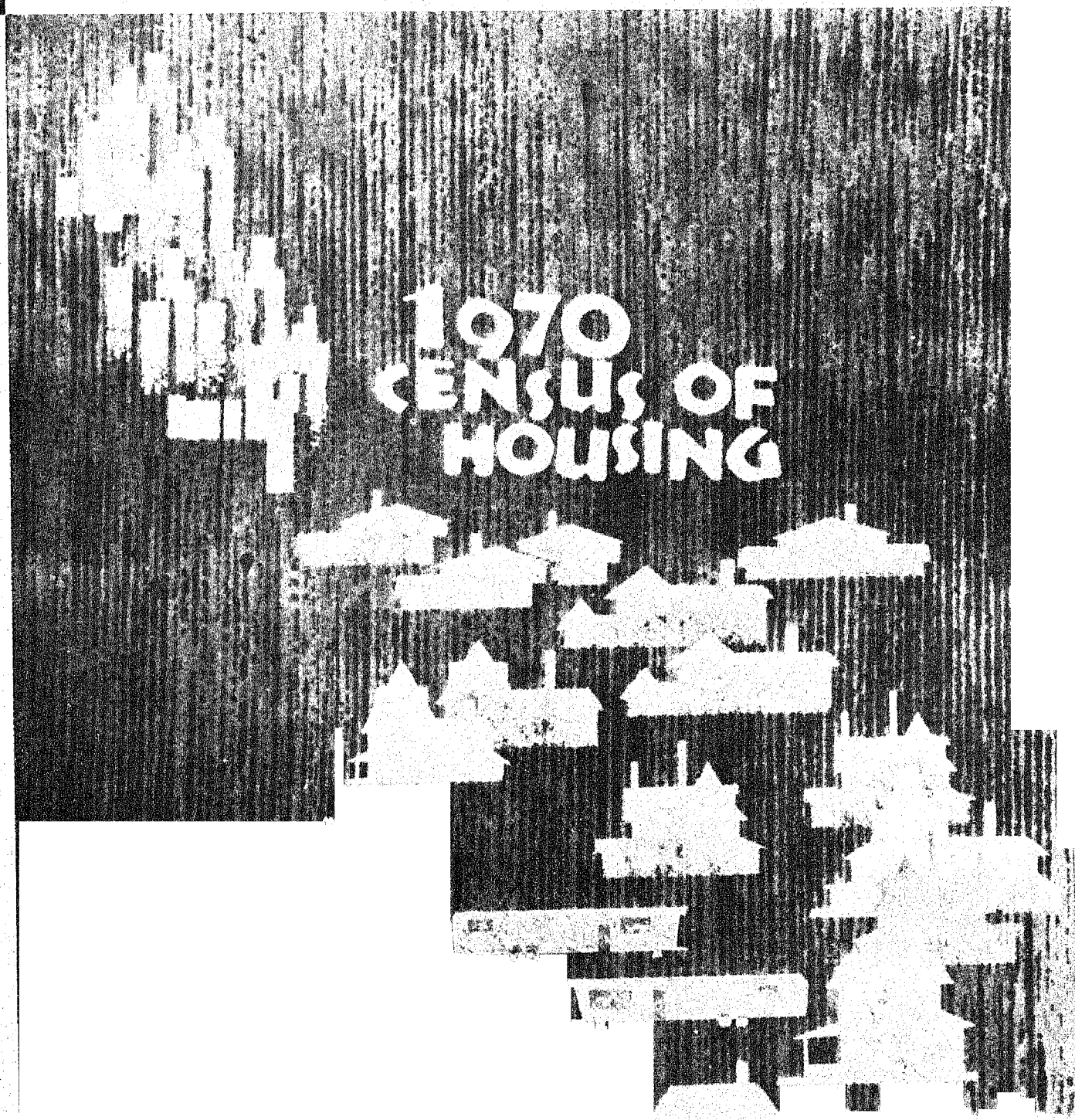
8, 18, 26 PERSONS

9 DURATION OF VACANCY

10 SALES PRICE ASKED
AND RENT ASKED

Metropolitan Housing Characteristics

ANN ARBOR, MICH.
STANDARD METROPOLITAN STATISTICAL AREA



U. S. DEPARTMENT OF COMMERCE

Peter G. Peterson, Secretary

James T. Lynn, Under Secretary

**Harold C. Passer, Assistant Secretary for Economic Affairs
and Administrator,**

Social and Economic Statistics Administration

BUREAU OF THE CENSUS

George Hay Brown, Director

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David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

Arthur F. Young, Chief

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SUGGESTED CITATION

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Census of Housing: 1970
**METROPOLITAN HOUSING
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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**ANN ARBOR, MICH.
STANDARD METROPOLITAN
STATISTICAL AREA**

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6, 16, 24	UNITS IN STRUCTURE
7, 17, 25	HOUSEHOLD COMPOSITION
8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

LIST OF HC(2) REPORTS

Report number	Area	Report number	Area	Report number	Area
1	United States and Regions	43	Chattanooga, Tenn.-Ga. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
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3	Akron, Ohio SMSA	45	Cincinnati, Ohio-Ky.-Ind. SMSA	87	Hamilton-Middletown, Ohio SMSA
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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
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10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
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Report number	Area	Report number	Area	Report number	Area
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128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Stamford, Conn. SMSA
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167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		

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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Sample size	V
Derived figures (medians, etc.)	VI
Symbols	VI
Boundaries	VI
DATA COLLECTION PROCEDURES	VI
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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.

INTRODUCTION—Continued

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

INTRODUCTION—Continued

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

**Ann Arbor, Mich.
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 12.]

page

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places **X**

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	—	—
Ann Arbor	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
4	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970
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
8	Persons in Owner and Renter Occupied Housing Units: 1970
9	Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970
10	Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970
11	Value of Owner Occupied Housing Units With Negro Head of Household: 1970
12	Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970
13	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
14	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

TABLE

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

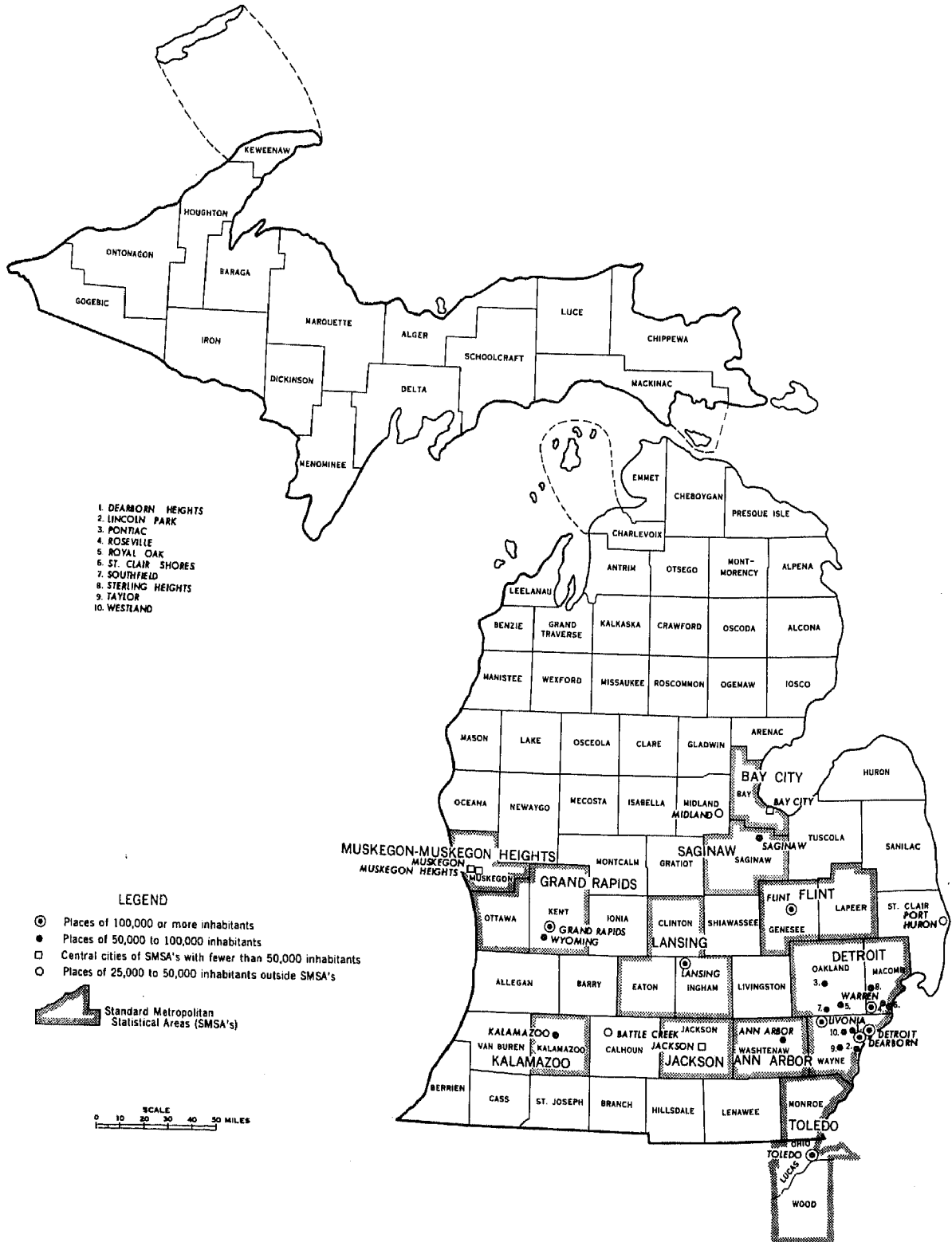


Table A-1. Value of Owner Occupied Housing Units: 1970

[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	31 669	163	254	643	1 404	2 002	6 659	7 090	6 995	4 448	2 011	23 300
ROOMS												
1 and 2 rooms.....	71	6	10	9	11	6	3	11	—	15	—	...
3 rooms.....	266	13	5	24	68	51	39	30	24	12	—	13 600
4 rooms.....	2 182	42	101	156	317	327	690	375	1 111	47	16	16 000
5 rooms.....	10 022	53	74	201	484	831	3 148	3 076	1 761	297	77	20 400
6 rooms.....	8 191	9	42	163	356	491	1 675	2 108	2 352	826	169	23 200
7 rooms.....	4 822	24	6	45	114	213	711	916	1 556	1 035	202	27 500
8 rooms or more.....	6 115	16	16	45	54	83	393	554	1 191	2 216	1 547	39 800
Median.....	5.9	4.9	4.6	5.2	5.1	5.2	5.3	5.5	6.2	7.5	7.5+	...
PERSONS												
1 person.....	2 715	32	65	161	256	365	591	601	318	223	103	19 000
2 persons.....	7 841	49	90	221	463	617	1 847	1 712	1 629	800	413	21 900
3 persons.....	5 659	40	60	91	251	336	1 191	1 289	1 335	721	345	23 300
4 persons.....	6 766	19	22	45	196	293	1 327	1 599	1 759	1 095	251	24 600
5 persons.....	4 449	12	7	52	117	184	745	1 043	1 044	855	390	25 600
6 persons or more.....	4 239	11	10	73	121	207	958	846	910	754	349	24 400
Median.....	3.4	2.5	2.2	2.2	2.5	2.6	3.2	3.5	3.6	3.9	3.9	...
Units with roomers, boarders, or lodgers.....	666	3	13	19	40	50	135	148	131	79	48	22 500
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities.....												
0.50 or less.....	15 619	74	156	370	753	1 073	3 008	3 041	3 303	2 372	1 469	23 900
0.51 to 1.00.....	14 136	52	52	160	489	765	3 036	3 632	3 402	2 002	523	23 500
1.01 to 1.50.....	1 492	12	4	61	89	127	505	373	249	53	19	19 600
1.51 or more.....	152	—	—	5	14	24	62	27	4	6	—	16 300
Lacking some or all plumbing facilities.....												
0.50 or less.....	270	25	32	47	59	13	48	17	14	15	—	11 300
0.51 to 1.00.....	169	17	14	39	44	8	27	4	5	11	—	10 800
1.01 to 1.50.....	79	8	13	4	11	—	21	9	9	4	—	...
1.51 or more.....	13	—	—	—	4	5	—	4	—	—	—	...
9.....	9	—	5	4	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1.....	485	—	23	104	64	116	63	95	—	20	—	13 600
2.....	5 326	64	117	272	654	482	1 592	1 245	422	329	149	18 600
3.....	18 141	69	120	178	439	896	4 136	5 257	4 802	1 748	496	23 100
4 or more.....	8 002	—	42	50	104	265	982	1 008	1 814	2 212	1 525	33 500
YEAR STRUCTURE BUILT												
1969 to March 1970.....	839	4	—	—	15	10	88	209	168	232	113	30 600
1965 to 1968.....	4 015	17	10	10	5	47	247	619	1 126	1 431	503	34 300
1960 to 1964.....	4 396	—	—	34	56	74	323	984	1 393	896	436	28 800
1950 to 1959.....	10 160	11	51	83	288	622	2 537	2 803	2 381	900	484	22 700
1940 to 1949.....	4 118	30	29	126	337	426	1 205	910	645	319	91	19 700
1939 or earlier.....	8 141	101	164	390	703	823	2 059	1 565	1 282	670	384	19 600
COMPLETE BATHROOMS												
1 and 1 1/2.....	23 814	137	196	573	1 329	2 002	6 195	6 177	5 070	1 935	200	21 200
2 and 2 1/2.....	6 501	6	—	18	42	80	350	743	1 634	2 260	1 168	38 200
3 or more.....	961	—	—	—	—	7	—	13	52	289	600	50 000+
None or also used by another household.....	310	32	38	68	63	6	38	28	12	19	6	10 700
HOUSEHOLD COMPOSITION												
Two-or-more-person households.....												
Male head, wife present, no nonrelatives.....	28 954	131	189	482	1 148	1 637	6 068	6 489	6 477	4 225	1 908	23 700
Under 25 years.....	5 233	—	—	10	33	74	155	160	75	9	7	19 800
25 to 34 years.....	5 981	20	12	64	125	167	1 320	1 641	1 726	775	131	23 900
35 to 44 years.....	7 109	13	11	49	183	247	1 303	1 549	1 690	1 494	570	26 200
45 to 64 years.....	10 139	45	68	203	417	667	2 075	2 706	2 276	1 375	907	23 800
65 years and over.....	2 183	37	52	77	186	201	518	416	324	254	118	20 200
Other male head.....	723	4	6	34	48	66	126	155	103	105	76	22 500
Under 65 years.....	598	4	6	11	43	61	117	130	81	91	54	22 200
65 years and over.....	125	—	—	23	5	5	9	25	22	14	22	24 100
Female head.....	2 296	12	40	45	156	215	571	462	483	213	99	21 200
Under 65 years.....	1 764	5	27	94	174	27	464	357	376	186	86	21 700
65 years and over.....	532	7	18	62	68	107	105	107	107	27	13	19 400
One-person households.....												
Under 65 years.....	2 715	32	65	161	256	365	591	601	318	223	103	19 000
65 years and over.....	1 289	—	16	58	115	151	299	327	178	106	39	20 100
Median.....	1 426	32	49	103	141	214	292	274	140	117	64	17 800
INCOME IN 1969												
Less than \$2,000.....	1 279	29	57	81	150	203	272	240	155	78	14	17 200
\$2,000 to \$2,999.....	765	21	22	95	82	67	250	127	60	27	14	17 000
\$3,000 to \$3,999.....	639	—	27	47	87	84	134	123	82	39	16	18 000
\$4,000 to \$4,999.....	1 111	15	10	38	85	91	185	152	95	37	14	18 700
\$5,000 to \$5,999.....	674	9	25	43	33	77	186	122	112	44	23	18 800
\$6,000 to \$6,999.....	829	11	32	35	72	95	261	146	126	35	16	18 500
\$7,000 to \$9,999.....	3 893	23	27	78	224	395	1 315	1 006	587	190	48	19 600
\$10,000 to \$14,999.....	9 042	33	45	166	434	612	2 273	2 407	2 147	781	144	22 000
\$15,000 to \$24,999.....	10 340	22	9	54	221	335	1 591	2 463	3 010	2 117	518	26 600
\$25,000 or more.....	3 486	—	—	6	16	43	192	304	621	1 100	1 204	42 700
Median.....	\$13 900	\$6 700	\$5 400	\$6 500	\$9 600	\$9 900	\$11 600	\$13 400	\$15 400	\$19 700	\$30 400	...
YEAR MOVED INTO UNIT												
1969 to March 1970.....	3 549	—	4	55	96	130	514	871	934	668	277	26 100
1968.....	2 857	13	—	21	103	67	540	529	717	622	245	27 200
1967.....	2 621	—	—	11	39	42	132	401	552	687	545	26 900
1965 and 1966.....	4 365	27	19	79	121	230	785	966	1 086	725	327	24 800
1960 to 1964.....	6 305	19	16	82	288	406	1 332	1 414	1 497	825	426	23 600
1950 to 1959.....	7 818	41	101	141	389	626	2 011	1 911	1 512	737	349	21 600
1949 or earlier.....	4 071	75	83	242	395	504	1 000	718	535	381	138	18 700
HEATING EQUIPMENT												
Steam or hot water.....	3 506	3	5	87	68	123	495	492	851	814	568	30 600
Warm-air furnace.....	25 663	91	146	360	1 009	1 563	5 485	6 251	5 872	3 491	1 395	23 300
Built-in electric units.....	383	—	—	5	25	21	47	69	97	77	42	27 500
Floor, wall, or pipeless furnace.....	588	9	17	44	91	122	214	35	30	20	6	15 400
Other means.....	1 520	60	86	147	211	173	413	243	145	42	—	16 100
None.....	9	—	—	—	—	—	5	—	—	—	—	...
AIR CONDITIONING												
Room unit(s).....	5 683	12	25	64	141	298	1 311	1 223	1 530	750	329	24 000
Central system.....	2 118	6	—	—	14	26	154	266	553	595	504	36 000
None.....	23 785	157	209	595	1 279	1 771	5 118	5 472	4 885	3 158	1 141	22 500

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	28 402	239	298	403	473	1 790	3 054	5 596	10 012	4 962	945	630	160
ROOMS													
1 room	1 577	112	188	143	124	295	185	197	278	11	9	35	95
2 rooms	3 100	51	15	127	83	496	735	732	658	179	6	18	121
3 rooms	7 778	41	14	69	103	577	1 182	2 260	2 578	838	54	60	145
4 rooms	8 601	5	28	34	104	173	552	1 471	3 895	1 814	381	144	174
5 rooms	4 375	18	30	17	43	144	220	597	1 782	1 188	188	148	179
6 rooms	1 776	6	12	8	16	60	98	241	538	550	128	119	186
7 rooms	708	-	5	-	-	24	38	59	194	250	86	52	203
8 rooms or more	487	6	4	5	-	21	44	39	89	132	93	54	206
Median	3.7	1.6	1.3	2.0	2.8	2.7	3.0	3.3	3.9	4.3	4.6	4.9	...
PERSONS													
1 person	7 201	170	219	314	309	895	930	1 569	2 064	445	53	233	132
2 persons	10 193	57	31	48	75	556	1 260	2 341	4 234	1 324	111	156	158
3 persons	5 113	-	40	8	36	129	477	883	1 945	1 398	113	84	174
4 persons	3 644	6	4	25	24	112	215	415	1 047	1 277	447	72	197
5 persons	1 358	6	4	3	10	47	105	208	470	295	169	41	179
6 persons or more	893	-	-	5	19	51	67	180	252	223	52	44	170
Median	2.2	1.2	1.2	1.1	1.3	1.5	2.0	2.0	2.2	3.0	3.9	2.0	...
Units with roomers, boarders, or lodgers	2 408	6	5	11	13	73	89	271	712	922	296	10	202
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	11 339	65	59	144	204	834	1 094	2 290	4 453	1 599	217	378	159
0.51 to 1.00	14 350	63	87	95	148	648	1 655	2 841	5 049	2 953	615	196	165
1.01 to 1.50	1 401	-	4	5	23	51	210	276	367	355	92	18	167
1.51 or more	478	6	-	5	-	112	56	138	119	30	6	6	132
Lacking some or all plumbing facilities													
0.50 or less	834	105	148	154	98	145	37	51	24	25	15	32	70
0.51 to 1.00	227	23	13	55	28	44	-	23	10	5	10	16	75
1.01 to 1.50	525	70	130	93	53	75	37	28	14	15	5	5	66
1.51 or more	25	-	-	6	7	7	-	-	-	5	-	-	...
Median	57	12	5	-	10	19	-	-	-	-	-	11	...
BEDROOMS													
None	2 097	165	166	286	151	517	158	236	322	18	61	17	94
1	10 359	93	-	86	133	972	2 187	2 805	3 213	790	21	59	138
2	11 422	-	66	62	164	217	964	1 838	4 772	2 510	435	394	173
3 or more	4 479	24	26	-	23	126	133	501	1 402	1 515	423	306	195
YEAR STRUCTURE BUILT													
1969 to March 1970	1 489	6	-	18	12	7	28	275	677	339	111	16	179
1965 to 1968	6 533	11	5	23	17	91	133	651	3 398	1 724	400	80	184
1960 to 1964	4 927	19	16	32	54	144	402	770	2 055	1 189	193	53	174
1950 to 1959	4 101	21	5	4	39	217	705	1 134	1 100	700	65	111	147
1940 to 1949	2 749	29	35	50	75	243	382	698	831	327	26	53	143
1939 or earlier	8 603	153	237	276	276	1 088	1 404	2 068	1 951	683	150	317	130
ELEVATOR IN STRUCTURE													
4 floors or more	1 606	-	-	61	60	125	105	228	267	514	246	-	192
With elevator	1 239	-	-	41	60	62	62	204	223	433	154	-	193
Walk-up	367	-	-	20	-	63	43	24	44	81	92	-	...
1 to 3 floors	26 751	282	258	373	411	1 707	3 337	5 152	9 442	4 319	694	776	158
COMPLETE BATHROOMS													
1 and 1/2	26 452	113	108	206	370	1 597	2 942	5 476	9 897	4 579	691	473	161
2 or more	891	-	23	-	-	36	-	51	138	351	243	49	249
None or also used by another household	1 078	93	171	166	116	183	38	104	98	50	7	52	77
INCOME IN 1969													
Less than \$2,000	4 388	70	84	133	127	284	364	651	984	1 216	365	110	172
\$2,000 to \$2,999	2 320	49	52	66	52	204	271	382	634	461	111	38	155
\$3,000 to \$3,999	1 997	26	41	34	58	160	260	367	561	319	84	31	148
\$4,000 to \$4,999	1 681	17	6	48	58	160	246	328	522	225	32	19	146
\$5,000 to \$5,999	1 922	24	20	49	36	188	271	550	573	159	15	37	139
\$6,000 to \$6,999	1 903	18	16	18	25	103	270	500	682	206	27	38	149
\$7,000 to \$9,999	5 810	20	39	28	67	295	783	1 436	2 276	626	46	194	153
\$10,000 to \$14,999	5 487	9	30	18	44	258	469	1 049	2 554	891	42	123	166
\$15,000 to \$24,999	2 451	6	10	9	6	78	110	309	1 090	651	142	40	181
\$25,000 or more	463	-	-	-	-	4	10	24	136	208	81	-	228
Median	\$7 000	\$3 000	\$3 300	\$3 100	\$4 000	\$5 200	\$6 400	\$7 000	\$8 400	\$6 500	\$3 000	\$7 600	...
YEAR MOVED INTO UNIT													
1969 to March 1970	17 335	135	163	206	195	932	1 655	3 259	6 280	3 566	799	145	166
1968	4 854	13	57	34	47	237	494	976	2 049	802	80	65	163
1967	2 008	20	37	37	47	113	210	481	704	307	39	30	154
1965 and 1966	1 800	8	18	22	72	204	188	411	582	197	23	75	146
1960 to 1964	1 396	7	21	37	103	170	254	331	334	61	-	78	126
1950 to 1959	649	8	11	14	22	100	133	95	164	27	-	75	120
1949 or earlier	379	15	12	22	-	60	46	78	20	20	-	106	112
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 174	74	79	46	50	228	183	179	231	100	4	...	112
10 to 14 percent	3 589	40	36	58	85	346	597	809	1 253	325	40	...	143
15 to 19 percent	4 648	27	20	61	55	237	615	1 135	1 860	553	85	...	155
20 to 24 percent	3 853	24	56	26	54	152	414	854	1 692	503	76	...	160
25 to 34 percent	4 257	37	23	63	66	303	412	950	1 673	679	51	...	158
35 percent or more	9 767	37	61	136	147	488	791	1 603	3 144	2 698	662	...	176
Not computed	1 114	-	23	13	14	36	42	66	159	104	27	630	165
AIR CONDITIONING													
Room unit(s)	9 622	21	39	50	56	196	428	1 319	4 416	2 405	544	148	180
Central system	3 629	-	-	11	16	18	19	219	2 039	1 093	179	42	187
None	15 170	185	263	311	414	1 602	2 533	4 100	3 678	1 482	218	384	135

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	39 192	1 899	1 141	943	1 047	939	1 273	5 464	11 013	11 547	3 926	13 100
ROOMS												
1 and 2 rooms	177	19	10	13	6	19	14	55	21	17	3	7 400
3 rooms	745	120	63	44	61	45	49	157	151	55	-	6 800
4 rooms	4 056	413	250	153	162	164	274	933	1 111	538	58	9 000
5 rooms	11 878	562	319	317	339	346	434	1 930	4 012	3 106	513	12 100
6 rooms	9 449	384	244	196	191	218	290	1 328	2 887	3 043	668	13 200
7 rooms or more	12 887	401	255	220	288	147	212	1 061	2 831	4 788	2 684	17 100
PERSONS												
1 person	3 850	881	512	325	254	210	263	639	443	217	106	4 800
2 persons	10 372	503	469	380	463	386	483	1 755	2 700	2 432	801	11 400
3 and 4 persons	15 122	379	115	169	262	273	362	2 121	4 828	4 870	1 743	14 000
5 persons	5 062	85	31	32	21	19	88	489	1 629	2 008	660	15 700
6 persons or more	4 786	51	14	37	47	51	77	460	1 413	2 020	616	16 200
Units with roomers, boarders, or lodgers	843	114	57	48	78	68	44	94	209	96	35	7 400
BEDROOMS												
Less than 3	9 546	838	356	410	437	521	572	1 761	2 705	1 497	449	9 800
3	20 262	677	285	355	387	284	427	2 596	6 842	6 943	1 466	13 700
4 or more	9 381	442	126	200	230	142	139	572	1 901	3 464	2 165	17 700
YEAR STRUCTURE BUILT												
1969 to March 1970	1 902	124	29	39	52	69	114	377	574	401	123	11 300
1960 to 1968	10 437	227	161	106	108	170	218	1 215	3 150	3 716	1 366	14 800
1950 to 1959	10 858	289	198	150	173	233	311	1 602	3 216	3 624	1 062	13 800
1949 or earlier	15 995	1 259	753	648	714	467	630	2 270	4 073	3 806	1 375	11 500
YEAR MOVED INTO UNIT												
1969 to March 1970	5 267	229	118	109	98	172	203	935	1 658	1 446	299	12 300
1968	3 609	74	47	33	45	77	75	543	1 193	1 138	384	13 800
1960 to 1967	15 529	446	316	260	260	229	493	2 212	4 602	4 944	1 767	13 900
1959 or earlier	14 788	1 122	781	532	636	454	541	1 970	3 395	3 965	1 392	12 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	31 418	908	379	493	598	650	801	3 619	9 484	10 533	3 953	14 400
Clothes dryer	28 789	694	335	341	491	463	661	3 038	8 627	10 328	3 811	14 900
Dishwasher	13 218	213	102	102	174	99	81	628	3 162	5 652	3 005	18 600
Home food freezer	16 588	562	228	233	371	220	352	1 724	5 029	5 550	2 315	14 600
Owued second home	3 111	164	22	20	60	40	20	666	3 077	1 051	801	17 800
With air conditioning	9 260	190	165	172	203	121	176	995	2 448	3 231	1 559	15 500
Room unit(s)	6 876	178	145	146	146	127	126	814	1 988	2 330	906	14 500
Central system	2 384	12	20	26	57	24	50	181	460	901	653	19 000
Automobiles available:												
1	17 087	933	732	584	748	634	899	3 431	5 085	3 153	688	10 400
2	17 080	250	102	162	120	198	294	1 714	5 194	6 702	2 344	15 800
3 or more	3 077	58	12	31	18	24	54	128	437	1 511	804	20 100
Renter occupied housing units	29 386	4 452	2 361	2 030	1 688	2 011	1 958	6 019	5 789	2 560	518	7 100
ROOMS												
1 room	1 600	393	307	192	113	126	82	252	125	5	5	3 500
2 rooms	3 129	597	307	334	268	284	222	645	353	108	11	5 200
3 rooms	7 852	1 332	695	631	511	565	637	1 707	1 274	450	50	6 300
4 rooms	8 724	1 283	620	536	430	525	521	1 909	1 899	843	158	7 700
5 rooms	4 566	535	270	201	209	261	341	851	1 171	604	123	8 600
6 rooms or more	3 515	312	162	136	157	250	155	655	967	550	171	9 700
PERSONS												
1 person	7 315	1 470	812	684	471	571	569	1 555	861	270	52	5 400
2 persons	10 453	1 163	732	699	722	808	788	2 197	2 225	949	170	7 400
3 and 4 persons	9 132	1 611	728	580	440	473	483	1 787	1 973	850	207	7 400
5 persons	1 482	159	78	43	36	117	44	275	415	262	53	9 900
6 persons or more	1 004	49	11	24	19	42	74	205	315	229	36	11 200
Units with roomers, boarders, or lodgers	2 444	1 001	385	257	152	154	139	209	97	44	6	2 600
BEDROOMS												
None	2 117	504	359	353	253	180	149	229	69	-	21	3 600
1	10 499	1 405	1 097	783	654	702	786	2 870	1 559	558	85	6 800
2	11 788	1 218	783	668	400	781	792	2 944	2 532	1 405	265	8 300
3 or more	4 985	388	274	249	179	271	265	838	1 506	811	204	10 100
YEAR STRUCTURE BUILT												
1969 to March 1970	1 545	131	100	104	77	116	119	306	379	167	46	8 200
1960 to 1968	11 567	2 037	910	759	524	625	635	2 174	2 526	1 107	270	7 400
1950 to 1959	4 166	335	332	268	253	366	310	970	829	447	56	7 700
1949 or earlier	12 108	1 949	1 019	899	834	904	894	2 569	2 055	839	146	6 500
YEAR MOVED INTO UNIT												
1969 to March 1970	17 684	3 406	1 687	1 580	1 071	1 296	1 206	3 226	2 841	1 149	222	5 800
1968	5 014	488	227	186	282	325	338	1 182	1 307	563	116	8 700
1960 to 1967	5 488	597	352	166	273	333	314	1 141	1 519	661	132	8 900
1959 or earlier	1 199	199	72	94	62	89	108	230	190	132	23	6 800
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied¹	28 402	4 388	2 320	1 997	1 661	1 922	1 903	5 810	5 487	2 451	463	7 000
Less than 15 percent	4 763	-	-	20	17	75	70	579	1 792	1 784	426	14 500
15 to 19 percent	4 648	-	21	20	61	127	176	1 449	2 278	479	37	11 000
20 to 24 percent	3 853	7	46	58	88	282	379	1 880	983	130	-	8 700
25 to 34 percent	4 257	26	102	308	440	757	858	1 451	297	18	-	6 600
35 percent or more	9 767	3 761	2 113	1 560	1 036	644	382	257	14	-	-	2 500
Not computed	1 114	594	38	31	19	37	38	194	123	40	-	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	9 316	952	481	366	357	563	459	1 957	2 531	1 303	347	9 300
Clothes dryer	8 534	840	416	297	307	447	379	1 770	2 465	1 270	343	9 700
Dishwasher	4 612	526	309	163	62	244	653	1 376	997	220	11 000	
Home food freezer	2 168	70	88	108	102	112	133	487	672	355	41	9 900
Owued second home	1 034	216	102	128	82	91	42	86	139	170	48	4 900
With air conditioning	13 408	2 400	1 069	793	632	779	817	2 307	2 951	1 327	333	7 300
Room unit(s)	9 737	2 058	868	566	428	561	584	1 649	2 033	828	162	6 700
Central system	3 671	342	201	227	204	218	233	658	918	499	171	8 900
Automobiles available:												
1	17 088	1 998	1 153	1 107	1 036	1 335	1 336	4 179	3 833	992	119	7 400
2	6 611	795	378	300	288	306	309	1 055	1 680	1 208	292	9 600
3 or more	1 591	389	187	145	76	94	104	146	169	206	75	5 000

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					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	39 192	38 693	19 768	16 980	1 757	188	499	379	93	16	9
PERSONS											
1 person.....	3 850	3 668	3 653	15	-	-	182	182	-	-	-
2 persons.....	10 372	10 205	9 876	324	-	5	167	158	9	-	-
3 persons.....	7 130	7 084	4 016	3 032	30	6	46	30	16	-	-
4 persons.....	7 992	7 937	1 559	6 315	53	10	55	9	36	5	5
5 persons.....	5 062	5 030	664	4 238	113	15	32	-	32	-	-
6 persons or more.....	4 786	4 769	-	3 056	1 561	152	17	-	-	13	4
Median.....	3.3	3.3	2.1	4.3	6.5	7.5+	1.9	1.5	...	...	...
Units with roomers, boarders, or lodgers.....	843	804	455	311	38	-	39	26	13	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	1 900	1 884	789	1 001	94	-	16	5	6	5	-
1965 to 1968.....	5 355	5 349	2 348	2 842	152	7	6	6	6	-	-
1960 to 1964.....	5 008	4 996	2 103	2 629	228	36	12	6	6	-	-
1950 to 1959.....	10 768	10 724	4 737	5 233	665	89	44	23	13	-	8
1940 to 1949.....	4 689	4 585	2 447	1 938	173	27	104	62	29	6	7
1939 or earlier.....	11 473	11 168	7 153	3 584	381	50	305	273	18	14	-
INCOME IN 1969											
Less than \$2,000.....	1 899	1 745	1 312	416	12	5	154	154	-	-	-
\$2,000 to \$2,999.....	1 141	1 092	936	151	5	-	49	41	8	-	-
\$3,000 to \$3,999.....	943	913	742	138	22	11	30	26	4	-	-
\$4,000 to \$4,999.....	1 047	1 026	784	224	13	5	21	6	11	4	-
\$5,000 to \$5,999.....	939	895	620	248	21	6	44	38	6	-	-
\$6,000 to \$6,999.....	1 273	1 251	795	413	29	14	22	17	-	-	5
\$7,000 to \$9,999.....	5 464	5 418	2 882	2 237	257	42	46	41	-	5	-
\$10,000 to \$14,999.....	11 013	10 914	4 445	5 740	685	44	99	50	36	9	4
\$15,000 to \$24,999.....	11 547	11 526	4 883	5 961	621	61	21	6	15	-	-
\$25,000 or more.....	3 926	3 913	2 369	1 452	92	-	13	-	13	-	-
Median.....	\$13 100	\$13 200	\$12 000	\$14 100	\$13 800	\$11 300	\$4 800	\$2 900	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	31 669	31 399	15 619	14 136	1 492	152	270	169	79	13	9
Less than 1.5.....	10 328	10 262	4 275	5 192	722	73	66	31	26	-	9
1.5 to 1.9.....	7 220	7 147	3 262	3 477	376	32	73	30	34	9	-
2.0 to 2.4.....	5 132	5 077	2 422	2 434	201	20	55	37	14	4	-
2.5 to 2.9.....	2 761	2 750	1 339	1 311	94	6	11	6	5	-	-
3.0 to 3.9.....	2 505	2 500	1 534	892	58	16	5	5	-	-	-
4.0 or more.....	3 524	3 464	2 676	742	41	5	60	60	-	-	-
Not computed.....	199	199	111	88	-	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water.....	4 554	4 532	2 750	1 665	112	5	22	22	-	-	-
Warm-air furnace.....	31 232	30 943	15 616	13 795	1 398	134	289	226	59	4	-
Built-in electric units.....	521	512	266	231	15	-	9	5	-	4	-
Floor, wall, or pipeless furnace.....	755	735	271	372	68	24	20	16	4	-	-
Other means.....	2 121	1 962	865	913	159	25	159	110	30	10	9
None.....	9	9	-	4	5	-	-	-	-	-	-
Renter occupied housing units	29 386	28 475	11 704	14 834	1 454	483	911	260	546	32	73
PERSONS											
1 person.....	7 315	6 708	5 783	925	-	-	607	201	406	-	-
2 persons.....	10 453	10 294	5 161	4 919	-	214	159	59	73	-	27
3 persons.....	5 296	5 241	577	4 426	232	6	55	-	31	7	17
4 persons.....	3 836	3 788	125	3 191	415	57	48	-	17	18	13
5 persons.....	1 482	1 471	58	994	334	85	31	-	4	7	-
6 persons or more.....	1 004	973	-	379	473	121	31	-	15	-	16
Median.....	2.2	2.2	1.5	2.9	4.7	3.9	1.3	1.1	1.2	...	...
Units with roomers, boarders, or lodgers.....	2 444	2 406	579	1 624	141	62	38	5	22	5	6
YEAR STRUCTURE BUILT											
1969 to March 1970.....	1 516	1 516	634	819	34	29	-	-	-	-	-
1965 to 1968.....	6 662	6 639	2 532	3 724	280	103	23	6	17	-	-
1960 to 1964.....	5 050	4 994	1 888	2 769	242	95	56	19	27	-	10
1950 to 1959.....	4 186	4 131	1 514	2 193	311	113	55	13	42	-	-
1940 to 1949.....	2 757	2 631	987	1 466	122	56	126	15	88	17	6
1939 or earlier.....	9 214	8 528	4 201	3 862	368	97	686	214	390	16	66
INCOME IN 1969											
Less than \$2,000.....	4 452	4 239	1 555	2 362	251	71	213	65	132	-	16
\$2,000 to \$2,999.....	2 361	2 216	850	1 233	87	46	145	50	84	-	11
\$3,000 to \$3,999.....	2 030	1 897	780	927	139	51	133	33	95	5	-
\$4,000 to \$4,999.....	1 688	1 616	717	803	52	44	72	16	43	-	13
\$5,000 to \$5,999.....	2 011	1 930	818	1 025	66	21	81	37	38	6	-
\$6,000 to \$6,999.....	1 958	1 893	833	960	55	45	65	28	37	-	-
\$7,000 to \$9,999.....	6 019	5 912	2 595	2 919	293	105	107	20	68	7	12
\$10,000 to \$14,999.....	5 789	5 704	2 301	3 016	322	65	85	11	39	14	21
\$15,000 to \$24,999.....	2 560	2 550	1 037	1 321	167	25	10	-	10	-	-
\$25,000 or more.....	518	518	218	268	22	10	-	-	-	-	-
Median.....	\$7 100	\$7 200	\$7 300	\$7 100	\$7 800	\$6 200	\$3 700	\$3 500	\$3 600	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	28 402	27 568	11 339	14 350	1 401	478	834	227	525	25	57
Less than 10 percent.....	1 174	1 067	386	565	85	31	107	34	60	7	6
10 to 14 percent.....	3 589	3 470	1 394	1 825	196	55	119	25	81	7	6
15 to 19 percent.....	4 648	4 560	1 952	2 321	222	65	88	26	56	6	-
20 to 24 percent.....	3 853	3 771	1 610	1 938	184	39	82	16	76	-	-
25 to 34 percent.....	4 257	4 139	1 867	2 013	161	98	118	30	76	-	12
35 percent or more.....	9 767	9 493	3 568	5 236	521	168	274	80	167	5	22
Not computed.....	1 114	1 068	562	452	32	22	46	16	19	-	11
HEATING EQUIPMENT											
Steam or hot water.....	8 780	8 586	3 466	4 478	441	201	194	51	125	5	13
Warm-air furnace.....	15 988	15 475	6 439	8 118	735	183	513	151	330	-	32
Built-in electric units.....	2 295	2 270	908	1 229	74	59	25	-	25	-	-
Floor, wall, or pipeless furnace.....	692	682	303	333	35	11	10	-	4	-	6
Other means.....	1 615	1 451	588	672	162	29	164	58	57	27	22
None.....	16	11	-	4	7	-	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	39 192	37	140	745	4 056	11 878	9 449	5 591	7 296	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	38 541	35	125	692	3 995	11 703	9 371	5 481	7 139	5.8
PERSONS										
1 person	3 850	15	64	299	898	1 134	756	389	295	5.1
2 persons	10 372	5	36	297	1 680	3 582	2 521	1 074	1 177	5.4
3 persons	7 130	6	30	65	847	2 136	1 920	1 143	963	5.8
4 persons	7 992	5	10	58	447	2 689	2 005	1 230	1 568	5.9
5 persons	5 062	—	—	15	113	1 354	1 209	844	1 527	6.4
6 persons or more	4 786	6	—	11	71	1 003	1 038	911	1 746	6.8
Median	3.3	...	1.7	1.7	2.2	3.1	3.3	3.7	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	38 693	37	121	700	3 941	11 772	9 356	5 536	7 230	5.8
0.50 or less	19 768	—	50	268	2 492	4 647	5 113	2 573	4 625	6.0
0.51 to 1.00	16 980	15	36	353	1 273	6 127	3 828	2 828	2 520	5.7
1.01 to 1.50	1 757	—	30	53	138	947	385	119	85	5.2
1.51 or more	188	22	5	26	38	51	30	16	—	4.6
Lacking some or all plumbing facilities	499	—	19	45	115	106	93	55	66	5.2
0.50 or less	379	—	14	31	86	69	84	33	62	5.3
0.51 to 1.00	93	—	—	9	21	32	5	22	4	...
1.01 to 1.50	18	—	—	5	4	5	4	—	—	...
1.51 or more	9	—	5	—	4	—	—	—	—	...
BEDROOMS										
None and 1	1 352	18	142	511	473	148	19	18	23	3.5
2	8 194	—	—	229	3 014	3 377	1 125	345	104	4.8
3	20 262	—	—	—	281	8 243	7 052	3 345	1 341	5.7
4 or more	9 381	—	—	—	—	141	1 008	2 020	6 212	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	1 902	—	7	95	429	662	342	124	243	5.1
1960 to 1968	10 437	11	31	226	947	2 671	2 404	1 361	2 786	6.1
1950 to 1959	10 858	8	41	67	934	4 887	2 804	1 130	987	5.4
1949 or earlier	15 995	18	61	357	1 746	3 658	3 899	2 976	3 280	6.1
COMPLETE BATHROOMS										
1 and 1 1/2	29 950	27	111	669	3 793	10 881	7 826	3 751	2 892	5.5
2 or more	8 645	16	14	23	202	852	1 561	1 730	4 247	7.5
None or also used by another household	598	—	22	55	148	142	90	61	80	5.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	31 669	20	51	266	2 182	10 022	8 191	4 822	6 115	5.9
Less than 1.5	10 328	—	27	45	860	3 664	2 663	1 464	1 605	5.7
1.5 to 1.9	7 220	6	—	58	291	2 353	1 938	1 220	1 354	6.0
2.0 to 2.9	7 893	14	11	42	371	2 299	2 052	1 237	1 867	6.1
3.0 or more	6 029	—	8	116	624	1 643	1 499	877	1 262	5.9
Not computed	199	—	5	5	36	63	39	24	27	5.3
Renter occupied housing units	29 386	1 600	3 129	7 852	8 724	4 566	1 912	904	699	3.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	28 022	1 042	2 863	7 701	8 618	4 384	1 784	883	747	3.8
PERSONS										
1 person	7 315	1 331	1 538	2 559	1 227	418	107	64	71	2.8
2 persons	10 453	241	1 276	3 716	3 132	1 407	407	182	92	3.5
3 persons	5 296	23	239	1 013	2 352	1 092	390	105	82	4.1
4 persons	3 836	5	65	433	1 557	924	465	262	125	4.4
5 persons	1 482	—	6	79	341	464	283	151	158	5.2
6 persons or more	1 004	—	5	52	115	261	260	140	171	5.8
Median	2.2	1.1	1.5	1.9	2.5	2.9	3.6	3.9	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	28 475	1 150	2 980	7 730	8 642	4 533	1 881	877	682	3.8
0.50 or less	11 704	—	1 432	2 520	4 309	1 808	894	330	411	3.9
0.51 to 1.00	14 834	925	1 253	4 670	3 894	2 464	866	509	253	3.6
1.01 to 1.50	1 454	—	232	415	407	251	109	22	18	3.7
1.51 or more	483	225	63	125	82	10	12	16	—	1.8
Lacking some or all plumbing facilities	911	450	149	122	149	17	33	31	27	1.5
0.50 or less	260	—	106	39	50	17	10	21	17	3.1
0.51 to 1.00	546	406	23	59	15	16	21	6	—	1.2
1.01 to 1.50	32	—	7	18	7	—	—	—	—	...
1.51 or more	73	44	13	6	10	—	—	—	—	...
BEDROOMS										
None	2 117	1 428	668	21	—	—	—	—	—	1.2
1	10 499	—	2 400	6 531	1 358	210	—	—	—	2.9
2	11 788	—	—	1 112	7 137	3 127	300	69	43	4.2
3 or more	4 985	—	—	—	149	1 700	1 876	758	502	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	1 545	75	112	411	535	277	120	9	6	3.8
1960 to 1968	11 567	492	1 104	3 237	4 595	1 594	360	121	64	3.7
1950 to 1959	4 166	184	590	969	1 188	774	316	113	32	3.8
1949 or earlier	12 108	849	1 323	3 235	2 406	1 921	1 116	661	597	3.8
COMPLETE BATHROOMS										
1 and 1 1/2	27 244	1 103	2 930	7 690	8 471	4 192	1 571	715	572	3.7
2 or more	980	25	—	41	147	211	213	168	175	5.8
None or also used by another household	1 161	489	187	176	164	53	56	29	7	2.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	28 402	1 577	3 100	7 778	8 601	4 375	1 776	708	487	3.7
Less than 10 percent	1 174	103	138	304	284	192	93	32	28	3.6
10 to 14 percent	3 589	185	423	972	1 025	618	207	99	60	3.7
15 to 19 percent	4 648	152	446	1 188	1 560	726	377	105	94	3.8
20 to 24 percent	3 853	167	387	1 025	1 204	664	235	97	74	3.8
25 to 34 percent	4 257	259	455	1 206	1 196	706	299	104	32	3.7
35 percent or more	9 767	604	1 185	2 846	3 063	1 282	438	215	134	3.6
Not computed	1 114	107	66	237	269	187	127	56	65	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-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	39 192	35 562	2 417	1 213	29 386	6 640	3 133	3 297	6 158	4 792	5 238	128
ROOMS												
1 room	37	20	12	5	1 600	112	39	163	491	242	548	5
2 rooms	140	66	46	28	3 129	134	158	452	926	712	742	5
3 rooms	745	354	234	157	7 852	512	797	1 260	2 018	1 710	1 536	19
4 rooms	4 056	2 557	740	759	8 724	1 392	1 122	845	1 913	1 578	1 793	81
5 rooms	11 878	10 943	712	223	4 566	1 733	674	442	688	483	528	18
6 rooms	9 449	9 004	409	36	1 912	1 314	273	106	101	52	66	-
7 rooms	5 591	5 478	108	5	904	837	33	12	5	-	17	-
8 rooms or more	7 296	7 140	156	-	699	606	37	17	16	15	8	-
Median	5.8	5.9	4.7	4.0	3.7	5.2	4.0	3.3	3.3	3.3	3.4	3.9
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	38 693	35 149	2 349	1 195	28 475	6 481	3 046	3 124	5 853	4 663	5 184	124
0.50 or less	19 768	17 780	1 401	587	11 704	2 466	1 562	1 313	2 521	1 826	1 964	52
0.51 to 1.00	16 980	15 574	873	533	14 834	3 475	1 305	1 605	2 974	2 557	2 850	68
1.01 to 1.50	1 757	1 633	64	64	1 454	474	146	154	209	229	238	4
1.51 or more	188	162	15	11	483	66	33	52	149	51	132	-
Lacking some or all plumbing facilities	499	413	88	18	911	159	87	173	305	129	54	4
0.50 or less	379	298	63	18	260	61	39	77	46	27	6	4
0.51 to 1.00	93	88	5	-	546	62	30	78	226	102	48	-
1.01 to 1.50	18	18	-	-	32	14	7	5	6	-	-	-
1.51 or more	9	9	-	-	73	22	11	13	27	-	-	-
BEDROOMS												
None	39	-	39	-	2 117	229	78	177	695	306	632	-
1	1 313	589	624	100	10 499	617	1 083	2 013	2 565	2 197	2 024	-
2	8 194	6 169	1 135	890	11 788	2 411	1 589	1 031	2 574	1 828	2 190	165
3	20 262	19 643	539	80	4 016	3 052	279	97	220	131	237	-
4 or more	9 381	9 119	242	20	969	845	34	22	23	24	21	-
YEAR STRUCTURE BUILT												
1969 to March 1970	1 902	1 363	383	156	1 545	254	40	78	360	394	398	21
1965 to 1968	5 394	4 460	352	582	6 590	487	222	334	1 444	1 956	2 127	20
1960 to 1964	5 043	4 633	113	297	4 977	533	284	248	1 177	1 068	1 608	59
1950 to 1959	10 858	10 563	175	120	4 166	1 417	351	285	956	595	545	17
1940 to 1949	4 672	4 490	164	18	2 887	1 148	420	533	466	205	115	-
1939 or earlier	11 323	10 053	1 230	40	9 221	2 801	1 816	1 819	1 755	574	445	11
INCOME IN 1969												
Less than \$2,000	1 899	1 584	234	81	4 452	583	384	511	926	927	1 098	23
\$2,000 to \$2,999	1 141	958	140	43	2 361	355	225	213	665	364	530	9
\$3,000 to \$3,999	943	782	131	30	2 030	259	169	318	492	344	438	10
\$4,000 to \$4,999	1 047	890	106	51	1 688	279	199	235	407	297	261	9
\$5,000 to \$5,999	939	822	85	32	2 011	452	221	293	400	342	294	-
\$6,000 to \$6,999	1 273	1 015	170	88	1 958	422	209	309	405	320	293	26
\$7,000 to \$9,999	5 464	4 523	572	369	6 019	1 411	717	712	1 258	947	948	29
\$10,000 to \$14,999	11 013	10 022	609	382	5 789	1 780	671	518	1 082	833	876	29
\$15,000 to \$24,999	11 547	11 130	290	127	2 560	902	289	171	422	347	417	12
\$25,000 or more	3 926	3 836	80	10	518	197	49	17	101	71	83	-
Median	\$13 100	\$13 600	\$8 800	\$9 300	\$7 100	\$9 100	\$7 700	\$6 300	\$6 500	\$6 400	\$6 000	\$7 300
YEAR MOVED INTO UNIT												
1969 to March 1970	5 267	4 249	698	320	17 684	3 088	1 672	1 927	4 083	3 402	3 442	70
1968	3 609	3 184	152	273	5 014	1 106	541	495	942	963	922	45
1967	3 252	2 843	229	180	2 105	563	306	233	419	257	327	-
1965 and 1966	5 089	4 710	168	211	1 870	559	279	202	359	147	324	-
1960 to 1964	7 188	6 745	240	203	1 513	578	232	313	199	48	129	14
1950 to 1959	8 597	8 211	358	28	664	301	75	106	99	41	42	-
1949 or earlier	6 191	5 628	550	13	535	268	107	59	22	42	37	-
GROSS RENT												
Specified renter occupied¹					28 402	5 656	3 133	3 297	6 158	4 792	5 238	128
Less than \$50					239	33	30	26	83	29	38	-
\$50 to \$59					298	51	20	51	100	35	35	6
\$60 to \$69					403	47	34	91	120	83	28	-
\$70 to \$79					473	71	42	153	77	42	76	12
\$80 to \$99					1 790	278	295	348	438	175	221	35
\$100 to \$119					3 054	508	426	573	667	492	359	29
\$120 to \$149					5 596	978	760	980	1 485	617	761	15
\$150 to \$199					10 012	1 702	1 091	840	2 290	2 123	1 956	10
\$200 to \$299					4 962	1 366	298	168	739	972	1 404	15
\$300 or more					945	262	22	24	103	215	319	-
No cash rent					630	360	115	43	56	9	41	6
Median					\$160	\$170	\$146	\$132	\$152	\$172	\$178	\$106
HEATING EQUIPMENT												
Steam or hot water	4 554	4 061	493	-	8 780	708	583	761	2 625	1 934	2 164	5
Warm-air furnace	31 232	28 489	1 746	997	15 988	4 728	2 110	2 146	2 733	2 134	2 051	86
Built-in electric units	521	496	25	-	2 295	129	62	100	478	592	934	-
Floor, wall, or pipeless furnace	755	682	33	40	692	222	105	96	150	61	43	15
Other means	2 121	1 825	120	176	1 615	849	273	187	167	71	46	22
None	9	9	-	-	16	4	-	7	5	-	-	-
AIR CONDITIONING												
Room unit(s)	6 876	6 127	505	244	9 737	832	512	497	2 373	2 634	2 889	-
Central system	2 384	2 284	71	29	3 671	244	55	231	700	1 074	1 350	17
None	29 933	27 159	1 819	955	15 977	5 387	2 645	2 607	3 050	1 192	984	112
AUTOMOBILES AVAILABLE												
1	17 087	14 918	1 451	718	17 088	3 563	1 973	2 043	3 755	2 827	2 869	58
2	17 080	16 094	586	400	6 611	1 986	646	425	1 192	1 162	1 159	41
3 or more	3 077	2 964	88	25	1 591	457	108	66	197	394	361	8
None	1 949	1 594	270	85	4 095	457	485	801	979	517	834	22

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	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	39 192	1 158	7 248	7 966	12 060	2 917	793	216	2 338	646	1 910	1 940
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities.....	38 693	1 154	7 221	7 923	11 990	2 823	779	205	2 321	609	1 842	1 826
0.50 or less.....	19 768	542	1 935	1 863	6 989	2 436	425	157	1 243	525	1 827	1 826
0.51 to 1.00.....	16 980	595	4 789	5 256	4 528	382	312	48	971	84	15	-
1.01 to 1.50.....	1 757	17	451	747	420	-	36	-	86	-	-	-
1.51 or more.....	188	-	46	57	53	5	-	-	21	-	-	-
Lacking some or all plumbing facilities.....	499	4	27	43	70	94	14	11	17	37	68	114
0.50 or less.....	379	4	5	10	44	66	14	11	6	37	68	114
0.51 to 1.00.....	93	-	14	24	21	28	-	-	6	-	-	-
1.01 to 1.50.....	18	-	8	5	-	-	-	-	5	-	-	-
1.51 or more.....	9	-	-	4	5	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1.....	35 562	686	6 464	7 731	11 475	2 640	699	173	2 031	586	1 466	1 611
2 or more.....	2 417	243	479	138	404	228	47	35	254	60	258	271
Mobile home or trailer.....	1 213	229	305	97	181	49	47	8	53	-	186	58
INCOME IN 1969												
Less than \$2,000.....	1 899	20	108	73	175	221	51	16	258	96	228	653
\$2,000 to \$2,999.....	1 141	9	55	23	110	241	14	36	96	45	101	411
\$3,000 to \$3,999.....	943	16	39	43	71	239	24	10	104	72	107	218
\$4,000 to \$4,999.....	1 047	20	43	44	95	312	10	14	187	68	123	131
\$5,000 to \$5,999.....	939	59	68	64	113	207	20	13	154	31	142	68
\$6,000 to \$6,999.....	1 273	89	150	82	216	204	33	10	194	32	166	97
\$7,000 to \$9,999.....	5 464	391	1 222	597	1 339	508	137	28	507	96	462	177
\$10,000 to \$14,999.....	11 013	417	3 096	2 461	3 211	450	236	25	550	124	340	103
\$15,000 to \$24,999.....	11 547	132	2 209	3 508	4 661	325	172	26	229	68	172	45
\$25,000 or more.....	3 926	5	258	1 071	2 069	210	96	38	59	14	69	37
Median.....	\$13 100	\$9 800	\$13 100	\$16 700	\$16 500	\$7 200	\$12 300	\$8 000	\$8 000	\$6 300	\$7 600	\$2 800
VALUE-INCOME RATIO												
Specified owner occupied ¹	31 669	523	5 981	7 109	10 139	2 183	598	125	1 764	532	1 289	1 426
Less than 1.5.....	10 328	154	1 566	2 592	4 737	401	208	27	266	117	204	56
1.5 to 1.9.....	7 220	121	1 663	1 924	2 460	333	143	22	244	48	181	81
2.0 to 2.4.....	5 132	116	1 283	1 332	1 440	265	103	20	281	38	181	73
2.5 to 2.9.....	2 761	80	721	632	624	233	36	-	201	31	139	64
3.0 to 3.9.....	2 505	35	479	351	452	403	32	16	305	72	206	154
4.0 or more.....	3 524	17	247	262	401	533	62	40	437	214	330	981
Not computed.....	199	-	22	16	25	15	14	-	30	12	48	17
Renter occupied housing units	29 386	4 322	6 427	1 609	1 741	422	3 455	92	3 829	174	6 162	1 153
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities.....	28 475	4 277	6 398	1 570	1 712	401	3 364	92	3 779	174	5 633	1 075
0.50 or less.....	11 704	1 039	1 636	247	633	276	821	60	1 125	84	4 846	937
0.51 to 1.00.....	14 834	3 002	4 178	1 023	893	125	2 224	21	2 353	90	787	138
1.01 to 1.50.....	1 454	136	428	259	154	-	241	-	236	-	-	-
1.51 or more.....	483	100	156	41	32	-	78	11	65	-	-	-
Lacking some or all plumbing facilities.....	911	45	29	39	29	21	91	-	50	-	529	78
0.50 or less.....	260	11	-	-	11	15	11	-	11	-	146	55
0.51 to 1.00.....	546	20	-	16	11	6	60	-	27	-	383	23
1.01 to 1.50.....	32	7	6	7	7	-	5	-	-	-	-	-
1.51 or more.....	73	7	23	16	-	-	15	-	12	-	-	-
UNITS IN STRUCTURE												
1.....	6 640	713	1 940	862	841	183	458	29	743	76	644	151
2 to 4.....	6 430	1 052	1 379	294	372	74	559	34	890	35	1 454	287
5 to 19.....	10 950	1 873	2 186	319	336	89	1 526	19	1 399	37	2 810	356
20 or more.....	5 238	645	878	124	192	72	912	-	786	26	1 239	359
Mobile home or trailer.....	128	39	44	10	-	4	-	5	11	-	15	-
GROSS RENT												
Specified renter occupied ²	28 402	4 231	6 134	1 467	1 573	371	3 417	80	3 759	169	6 082	1 119
Less than \$50.....	239	20	6	-	6	7	6	6	18	-	125	45
\$50 to \$59.....	298	10	14	-	-	10	20	-	20	-	200	19
\$60 to \$69.....	403	17	9	5	5	14	14	-	25	-	262	52
\$70 to \$79.....	473	6	20	21	10	6	40	5	56	-	238	71
\$80 to \$99.....	1 790	242	158	42	133	46	84	4	150	36	718	177
\$100 to \$119.....	3 054	756	610	130	181	39	132	21	235	20	758	172
\$120 to \$149.....	5 596	1 246	1 243	216	256	46	345	23	633	19	1 378	191
\$150 to \$199.....	10 012	1 706	2 906	504	468	91	920	11	1 285	57	1 821	243
\$200 to \$299.....	4 962	198	1 023	374	342	51	1 444	5	1 067	13	388	57
\$300 or more.....	945	4	67	103	89	9	384	5	230	-	49	4
No cash rent.....	630	26	78	67	83	51	28	-	40	24	145	88
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	28 402	4 231	6 134	1 467	1 573	371	3 417	80	3 759	169	6 082	1 119
Less than \$5,000.....	10 366	1 139	633	108	122	114	2 468	42	2 283	60	2 567	830
Less than 20 percent.....	139	-	6	-	6	7	12	-	15	-	75	31
20 to 24 percent.....	199	15	5	-	-	7	-	-	13	-	125	28
25 to 34 percent.....	876	195	91	10	10	31	23	-	99	5	318	94
35 percent or more.....	8 470	925	492	98	95	63	2 349	37	1 896	38	1 839	548
Not computed.....	682	4	39	-	11	13	84	5	170	17	210	129
\$5,000 to \$9,999.....	9 635	2 061	2 077	367	467	142	609	13	1 178	67	2 408	246
Less than 20 percent.....	2 476	585	497	83	125	32	71	6	121	12	864	80
20 to 24 percent.....	2 541	656	617	116	125	31	104	-	236	10	627	39
25 to 34 percent.....	3 066	609	713	112	143	48	164	7	489	25	670	86
35 percent or more.....	1 283	189	207	32	48	20	266	-	320	10	167	24
Not computed.....	269	22	43	24	26	31	4	-	12	10	80	17
\$10,000 to \$14,999.....	5 487	846	2 311	508	66	60	445	10	208	38	804	24
Less than 20 percent.....	4 070	688	1 679	360	310	11	138	10	151	38	630	6
20 to 24 percent.....	983	144	447	55	74	60	50	-	47	-	143	12
25 percent or more.....	311	14	159	50	25	6	15	-	10	-	26	6
Not computed.....	123	-	26	43	36	7	-	-	-	-	5	-
\$15,000 or more.....	2 914	185	1 113	484	539	31	131	15	90	4	303	19
Less than 20 percent.....	2 726	181	1 068	432	495	26	108	15	84	-	298	19
20 to 24 percent.....	130	-	36	43	25	5	10	-	6	-	5	-
25 percent or more.....	18	-	9	9	4	-	5	-	-	-	-	-
Not computed.....	40	4	9	-	15	-	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—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 -----	39 192	3 850	10 372	7 130	7 992	5 062	2 713	1 404	669	3.3
BEDROOMS										
None and 1 -----	1 352	495	614	149	39	55	—	—	—	1.8
2 -----	8 194	1 610	3 626	1 684	822	274	114	48	16	2.2
3 -----	20 262	1 322	5 096	4 216	5 071	2 700	1 308	451	98	3.4
4 or more -----	9 381	534	1 295	1 056	1 755	2 046	1 339	749	607	4.5
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	1 902	97	557	446	430	214	94	58	6	3.2
1965 to 1968 -----	5 394	285	912	1 028	1 500	930	453	180	106	3.8
1960 to 1964 -----	5 043	242	963	987	1 262	865	503	145	76	3.8
1950 to 1959 -----	10 858	820	2 801	1 917	2 396	1 605	769	402	148	3.4
1940 to 1949 -----	4 672	555	1 484	917	780	458	261	132	85	2.8
1939 or earlier -----	11 323	1 851	3 655	1 835	1 624	990	633	487	248	2.6
UNITS IN STRUCTURE										
1 -----	35 562	3 077	9 050	6 386	7 496	4 882	2 653	1 363	655	3.4
2 or more -----	2 417	529	920	430	307	134	47	36	14	2.2
Mobile home or trailer -----	1 213	244	402	314	189	46	13	5	—	2.4
COMPLETE BATHROOMS										
1 and 1 1/2 -----	29 950	3 171	8 403	5 487	6 148	3 567	1 781	990	403	3.1
2 and 2 1/2 -----	7 454	340	1 450	1 365	1 704	1 275	747	374	199	3.8
3 or more -----	1 191	103	247	175	206	190	135	84	51	3.8
None or also used by another household -----	598	192	217	61	59	39	11	7	12	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households -----	35 342	....	10 372	7 130	7 992	5 062	2 713	1 404	669	3.5
Male head, wife present, no nonrelatives -----	31 349	....	8 675	6 112	7 325	4 766	2 511	1 322	638	3.6
Under 25 years -----	1 158	....	465	423	224	36	10	—	—	2.8
25 to 34 years -----	7 248	....	826	1 513	2 657	1 322	628	213	89	4.0
35 to 44 years -----	7 966	....	549	889	2 162	2 068	1 284	656	358	4.7
45 to 64 years -----	12 060	....	4 508	2 885	2 157	1 297	580	442	191	3.0
65 years and over -----	2 917	....	2 327	402	125	43	9	11	—	2.1
Other male head -----	1 009	....	421	259	164	73	47	34	11	2.8
Under 65 years -----	793	....	305	186	146	64	47	34	11	3.0
65 years and over -----	216	....	116	73	18	9	—	—	—	2.4
Female head -----	2 984	....	1 276	759	503	223	155	48	20	2.8
Under 65 years -----	2 338	....	830	646	438	206	150	48	20	3.0
65 years and over -----	646	....	446	113	65	17	5	—	—	2.2
One-person households -----	3 850	3 850	....	....	....	....	....	....	....	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹ -----	31 669	2 715	7 841	5 659	6 766	4 449	2 448	1 204	587	3.4
Less than 1.5 -----	10 328	260	2 441	2 175	2 308	1 499	884	493	268	3.6
1.5 to 1.9 -----	7 220	262	1 673	1 453	1 609	1 151	618	347	107	3.6
2.0 to 2.4 -----	5 132	254	1 172	890	1 228	868	445	180	95	3.7
2.5 to 2.9 -----	2 761	203	690	405	642	430	287	77	27	3.6
3.0 to 3.9 -----	2 505	360	731	393	485	293	133	44	66	2.9
4.0 or more -----	3 524	1 311	1 102	318	426	203	77	63	24	1.9
Not computed -----	199	65	32	25	68	5	4	—	—	2.6
Renter occupied housing units -----										
29 386	7 315	10 453	5 296	3 836	1 482	569	272	163	2.1	
BEDROOMS										
None -----	2 117	1 787	309	—	21	—	—	—	—	1.1
1 -----	10 499	3 927	4 969	1 061	393	102	16	15	16	1.8
2 -----	11 788	1 178	4 295	3 343	2 428	420	103	21	—	2.6
3 or more -----	4 985	243	659	958	1 259	989	387	313	177	4.0
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	1 545	311	589	358	189	55	26	17	—	2.3
1965 to 1968 -----	6 590	1 293	2 505	1 415	1 106	206	42	13	10	2.3
1960 to 1964 -----	4 977	1 155	1 966	891	633	224	52	19	37	2.2
1950 to 1959 -----	4 166	906	1 455	768	555	274	144	47	17	2.3
1940 to 1949 -----	2 887	589	975	615	323	261	53	53	18	2.4
1939 or earlier -----	9 221	3 061	2 963	1 249	1 030	462	252	123	81	2.0
UNITS IN STRUCTURE										
1 -----	6 640	795	1 518	1 321	1 391	892	402	202	119	3.3
2 -----	3 133	716	1 234	606	335	157	46	26	13	2.2
3 and 4 -----	3 297	1 025	1 183	639	270	111	36	15	18	2.0
5 to 9 -----	6 158	1 923	2 525	929	574	133	39	22	13	2.0
10 to 19 -----	4 792	1 243	2 080	827	536	86	20	—	—	2.1
20 or more -----	5 238	1 598	1 853	956	705	93	26	7	—	2.1
Mobile home or trailer -----	128	15	60	18	25	10	—	—	—	2.3
COMPLETE BATHROOMS										
1 and 1 1/2 -----	27 244	6 502	10 074	5 068	3 459	1 281	497	236	127	2.2
2 or more -----	980	116	231	136	250	155	67	12	13	3.5
None or also used by another household -----	1 161	694	236	112	52	17	35	5	10	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households -----	22 071	....	10 453	5 296	3 836	1 482	569	272	163	2.6
Male head, wife present, no nonrelatives -----	14 521	....	6 911	3 252	2 340	1 135	498	232	153	2.6
Under 25 years -----	4 322	....	2 870	1 013	335	52	36	11	5	2.3
25 to 34 years -----	6 427	....	2 639	1 618	1 325	568	183	61	33	2.9
35 to 44 years -----	1 609	....	299	228	386	328	192	126	50	4.2
45 to 64 years -----	1 741	....	732	366	278	179	87	34	65	2.9
65 years and over -----	422	....	371	27	16	8	—	—	—	2.1
Other male head -----	3 547	....	1 618	980	787	133	19	10	—	2.7
Under 65 years -----	3 455	....	1 552	970	777	127	19	10	—	2.7
65 years and over -----	92	....	66	10	10	6	—	—	—	...
Female head -----	4 003	....	1 924	1 064	709	214	52	30	10	2.6
Under 65 years -----	3 829	....	1 802	1 033	692	210	52	30	10	2.6
65 years and over -----	174	....	122	31	17	4	—	—	—	2.2
One-person households -----	7 315	7 315	....	....	....	....	....	....	....	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ² -----	28 402	7 201	10 193	5 113	3 644	1 358	531	237	125	2.2
Less than 10 percent -----	1 174	276	435	145	142	95	55	19	7	2.2
10 to 14 percent -----	3 589	757	1 479	615	379	210	105	30	14	2.2
15 to 19 percent -----	4 648	970	1 773	830	651	248	98	51	27	2.3
20 to 24 percent -----	3 853	979	1 406	663	465	203	83	40	14	2.2
25 to 34 percent -----	4 257	1 200	1 624	678	380	202	102	49	22	2.1
35 percent or more -----	9 767	2 578	3 217	2 023	1 480	347	50	37	35	2.2
Not computed -----	1 114	441	259	159	147	53	38	11	6	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	494	217	194	83	Vacant for rent	1 588	878	441	269
ROOMS					ROOMS				
1 to 3 rooms	8	8	-	-	1 room	141	68	27	46
4 rooms	109	92	13	4	2 rooms	120	73	43	4
5 rooms	107	62	30	15	3 rooms	390	273	89	28
6 rooms	96	23	49	24	4 rooms	534	244	160	130
7 rooms or more	174	32	102	40	5 rooms	285	148	105	32
					6 rooms	67	47	8	12
					7 rooms or more	51	25	9	17
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	479	211	189	79	With all plumbing facilities	1 457	813	418	226
Lacking some or all plumbing facilities	15	6	5	4	Lacking some or all plumbing facilities	131	65	23	43
BEDROOMS					BEDROOMS				
None and 1	41	41	-	-	None	153	76	37	40
2	145	103	42	-	1	682	399	173	110
3	229	60	149	20	2	514	426	36	52
4 or more	120	-	100	20	3 or more	307	200	52	55
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	139	16	108	15	1969 to March 1970	146	71	14	61
1960 to 1968	130	109	4	17	1960 to 1968	627	339	208	80
1950 to 1959	84	32	36	16	1950 to 1959	172	123	31	18
1949 or earlier	141	60	46	35	1949 or earlier	643	345	188	110
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	362	98	186	78	1	236	135	55	46
2 or more	132	119	8	5	2 to 4	302	188	86	28
					5 to 9	415	217	115	83
					10 to 19	211	105	89	17
					20 or more	424	233	96	95
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	142	119	8	15	1	236	135	55	46
Warm-air furnace	323	87	177	59	2 to 4	302	188	86	28
Built-in electric units	8	8	-	-	5 to 9	415	217	115	83
Floor, wall, or pipeless furnace	-	-	-	-	10 to 19	211	105	89	17
Other means	21	3	9	9	20 or more	424	233	96	95
None	-	-	-	-					
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	340	93	175	72	Specified vacant for rent ²	1 550	860	432	258
Less than \$5,000	-	-	-	-	Less than \$50	73	20	10	43
\$5,000 to \$9,999	6	6	-	-	\$50 to \$59	25	18	7	-
\$10,000 to \$14,999	37	14	11	12	\$60 to \$79	61	61	17	-
\$15,000 to \$19,999	36	8	22	6	\$80 to \$99	123	91	25	7
\$20,000 to \$24,999	75	28	36	11	\$100 to \$119	135	73	44	18
\$25,000 to \$34,999	79	6	64	9	\$120 to \$149	344	218	111	15
\$35,000 to \$49,999	68	22	30	16	\$150 to \$199	457	259	159	39
\$50,000 or more	39	9	12	18	\$200 or more	315	120	59	136
Median price asked	\$27 000	...	\$27 900	...	Median rent asked	\$150	\$143	\$151	\$206

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	340	6	37	36	75	79	107	1 550	98	78	123	479	457	315
PLUMBING FACILITIES														
With all plumbing facilities	351	-	-	75	92	64	120	1 508	-	20	57	657	570	204
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	132	76	-	40	16	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	835	76	-	76	504	132	47
2	22	-	-	22	-	-	-	514	-	-	21	72	303	118
3	209	-	-	53	92	64	-	216	-	-	-	78	99	39
4 or more	120	-	-	-	-	-	120	75	-	20	-	19	36	-
YEAR STRUCTURE BUILT														
1969 to March 1970	135	-	13	-	12	73	37	146	-	17	8	21	19	81
1960 to 1968	53	-	11	3	11	3	25	627	8	2	24	152	282	159
1950 to 1959	76	-	-	18	36	-	22	158	-	14	4	89	38	13
1949 or earlier	76	6	13	15	16	3	23	619	90	45	87	217	118	62
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	198	10	15	28	66	49	30
2 to 4	...	...	...	...	...	...	...	302	20	33	37	122	71	19
5 to 19	...	...	...	...	...	...	...	626	33	26	43	195	199	130
20 or more	...	...	...	...	...	...	...	424	35	4	15	96	138	136
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	306	66	22	55	122	32	9
Some or no utilities included	...	...	...	...	...	...	...	1 244	32	56	68	357	425	306

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)

Ann Arbor	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	12 327	19	29	50	297	483	1 712	2 642	3 366	2 544	1 185	27 800
ROOMS												
1 and 2 rooms	21	—	—	—	5	—	—	5	—	11	—	...
3 rooms	62	—	5	—	15	11	11	14	6	—	—	...
4 rooms	662	5	6	10	69	80	288	121	60	23	—	17 900
5 rooms	3 152	6	15	20	85	172	638	1 263	801	128	24	22 500
6 rooms	3 018	4	3	20	92	136	491	768	1 094	348	62	25 000
7 rooms	2 031	—	—	—	19	55	207	286	778	563	123	30 800
8 rooms or more	3 381	4	—	—	12	29	77	185	627	1 471	976	42 700
Median	6.3	...	...	...	5.2	5.4	5.4	5.4	6.2	7.5+	7.5+	...
PERSONS												
1 person	1 207	9	—	20	77	130	302	334	142	145	37	20 800
2 persons	3 150	—	10	14	113	187	635	731	768	464	228	24 200
3 persons	2 116	6	5	16	44	42	249	517	632	404	201	27 800
4 persons	2 708	—	—	—	23	59	241	516	989	612	268	30 200
5 persons	1 733	4	3	—	31	31	127	310	437	545	245	33 200
6 persons or more	1 413	—	—	—	9	34	158	234	398	374	206	31 800
Median	3.4	...	...	...	2.1	2.1	2.4	3.0	3.6	3.9	4.0	...
Units with roomers, boarders, or lodgers	340	—	—	—	7	17	49	97	100	41	29	25 000
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	12 280	19	29	50	292	480	1 696	2 633	3 362	2 534	1 185	27 800
0.50 or less	6 962	9	21	40	204	326	1 059	1 332	1 629	1 466	876	28 000
0.51 to 1.00	4 955	10	8	10	70	124	556	1 173	1 643	1 052	309	28 200
1.01 to 1.50	328	—	—	—	14	25	70	119	90	10	—	22 300
1.51 or more	35	—	—	—	4	5	11	9	—	6	—	...
Lacking some or all plumbing facilities	47	—	—	—	5	3	16	9	4	10	—	...
0.50 or less	19	—	—	—	5	3	5	—	—	6	—	...
0.51 to 1.00	28	—	—	—	—	—	11	9	4	4	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1	97	—	—	—	21	—	—	56	—	20	—	...
2	1 984	—	—	21	165	188	630	600	238	121	21	19 900
3	6 328	—	—	18	59	188	836	1 993	2 146	917	171	25 300
4 or more	3 867	—	—	15	—	94	162	230	838	1 558	970	40 700
YEAR STRUCTURE BUILT												
1969 to March 1970	179	—	—	—	—	—	—	34	16	73	56	43 100
1965 to 1968	1 664	4	—	—	—	11	26	140	402	813	268	39 600
1960 to 1964	2 022	—	—	—	11	5	60	323	771	577	275	32 900
1950 to 1959	3 455	—	—	—	11	35	400	1 018	1 220	509	262	27 200
1940 to 1949	1 448	—	—	5	45	114	390	379	289	34	34	22 200
1939 or earlier	3 559	15	29	45	230	318	836	748	668	380	290	22 000
COMPLETE BATHROOMS												
1 and 1 1/2	8 252	18	37	46	292	449	1 576	2 285	2 406	1 049	94	23 700
2 and 2 1/2	3 477	6	—	6	6	25	116	274	979	1 364	701	38 600
3 or more	561	—	—	—	—	7	—	—	24	128	402	50000+
None or also used by another household	44	—	—	—	7	—	7	12	6	12	—	...
HOUSEHOLD COMPOSITION												
Two-or-more-person households	11 120	10	18	30	220	353	1 410	2 308	3 224	2 399	1 148	28 800
Male head, wife present, no nonrelatives	9 868	10	13	15	155	283	1 202	2 028	2 895	2 205	1 062	29 200
Under 25 years	116	—	—	—	—	10	16	63	23	4	—	22 500
25 to 34 years	2 197	4	—	—	9	52	228	606	797	428	73	27 500
35 to 44 years	2 769	—	—	—	21	38	255	459	801	858	334	32 600
45 to 64 years	3 818	6	5	15	70	95	465	700	1 123	760	579	29 900
65 years and over	968	—	—	—	55	88	238	200	151	155	76	22 500
Other male head	241	—	—	—	17	13	19	44	56	58	30	29 200
Under 65 years	191	—	—	—	17	13	10	34	52	53	12	29 100
65 years and over	50	—	—	—	—	—	9	10	4	5	—	...
Female head	1 011	5	—	11	48	57	189	236	273	136	56	24 100
Under 65 years	728	—	—	—	22	21	148	173	201	114	43	24 800
65 years and over	283	—	—	—	5	36	41	63	72	22	13	22 300
One-person households	1 207	9	11	20	77	130	302	334	142	145	37	20 800
Under 65 years	568	—	—	—	10	36	38	157	167	88	64	8
65 years and over	639	9	11	10	41	92	145	167	54	81	29	20 300
INCOME IN 1969												
Less than \$2,000	426	9	11	15	43	64	73	115	66	23	7	19 800
\$2,000 to \$2,999	254	—	—	5	20	20	106	55	25	19	4	18 800
\$3,000 to \$3,999	248	—	5	—	19	30	52	64	50	23	5	21 400
\$4,000 to \$4,999	278	—	—	5	20	20	83	68	37	31	14	20 800
\$5,000 to \$5,999	275	—	3	10	6	13	78	65	60	27	13	22 100
\$6,000 to \$6,999	285	—	—	—	24	28	103	36	66	12	11	19 100
\$7,000 to \$9,999	1 148	—	—	10	66	70	283	359	252	87	21	22 600
\$10,000 to \$14,999	2 904	—	—	5	69	164	492	803	945	375	51	24 500
\$15,000 to \$24,999	4 488	10	5	—	30	68	404	976	1 460	1 251	284	30 100
\$25,000 or more	2 021	—	—	—	—	6	38	101	405	696	775	44 900
Median	\$15 800	...	...	...	\$7 800	\$9 900	\$10 800	\$13 500	\$16 200	\$20 400	\$32 700	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 376	—	—	—	12	18	83	310	449	334	170	30 900
1968	1 258	—	—	—	25	13	136	250	290	372	172	32 100
1967	1 081	—	—	—	13	29	111	175	305	353	95	32 000
1965 and 1966	1 635	6	4	—	12	19	172	342	483	416	181	30 400
1960 to 1964	2 537	—	—	6	38	75	357	458	859	476	268	28 900
1950 to 1959	2 817	—	9	19	93	134	454	724	770	412	202	24 800
1949 or earlier	1 630	18	24	27	112	193	386	312	259	190	109	20 900
HEATING EQUIPMENT												
Steam or hot water	1 427	—	—	10	23	53	110	143	400	365	323	34 400
Warm-air furnace	10 584	13	18	40	236	387	1 545	2 445	2 904	2 139	857	27 100
Built-in electric units	61	—	—	—	—	16	5	15	10	10	5	...
Floor, wall, or pipeless furnace	70	—	6	—	—	8	16	4	17	10	—	...
Other means	185	6	5	—	29	19	36	35	35	20	—	19 700
None	—	—	—	—	—	—	—	—	—	—	—	...
AIR CONDITIONING												
Room unit(s)	2 614	—	—	8	30	83	383	501	881	515	213	28 400
Central system	1 284	6	—	—	—	6	58	90	346	400	378	40 100
None	8 436	18	37	44	275	392	1 258	1 980	2 188	1 638	606	26 000

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]

Ann Arbor	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$89	\$90 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	17 110	119	182	195	172	897	1 484	3 287	6 248	3 536	709	281	167	
ROOMS														
1 room	1 267	85	160	122	87	241	133	158	254	11	9	5	96	
2 rooms	2 332	23	11	36	31	350	572	560	576	149	6	18	127	
3 rooms	4 781	11	5	17	38	238	561	1 472	1 727	618	49	45	151	
4 rooms	4 867			10	10	28	153	781	2 241	1 338	263	43	186	
5 rooms	2 449				6	32	29	252	1 098	792	154	86	189	
6 rooms	887		6	5		8	16	53	278	402	82	37	215	
7 rooms	309						5	11	41	156	82	14	258	
8 rooms or more	218			5			15		31	70	64	33	259	
Median	3.5	1.2	1.1	1.3	1.5	2.1	2.6	3.1	3.8	4.2	4.7	4.8	...	
PERSONS														
1 person	5 063	107	166	175	141	586	606	1 205	1 547	358	44	128	137	
2 persons	6 407	6	6	15	17	289	645	1 375	2 920	1 016	77	41	164	
3 persons	2 775		10		9	5	177	423	1 000	1 038	76	37	187	
4 persons	1 954				5	14	47	176	496	834	342	40	226	
5 persons	599	6						60	194	196	129	14	217	
6 persons or more	312			5		3	9	48	91	94	41	21	194	
Median	2.0	1.1	1.0	1.1	1.1	1.3	1.7	1.8	2.0	2.9	4.0	1.8	...	
Units with roomers, boarders, or lodgers	1 418				9	34	16	155	409	599	190	6	214	
PLUMBING FACILITIES BY PERSONS PER ROOM														
With all plumbing facilities	16 644	49	52	107	126	847	1 473	3 275	6 229	3 521	694	271	168	
0.50 or less	7 234	11	12	51	54	448	588	1 471	3 045	1 236	144	174	165	
0.51 to 1.00	8 419	32	40	51	63	300	768	1 605	2 965	2 036	468	91	172	
1.01 to 1.50	697				9	14	86	122	156	228	76	6	187	
1.51 or more	294	6		5		85	31	77	63	21	6		128	
Lacking some or all plumbing facilities	466	70	130	88	46	50	11	12	19	15	15	10	63	
0.50 or less	77	11	5	11	5	19		6	5		10	5	...	
0.51 to 1.00	369	59	120	77	36	31	11	6	14	10	5		61	
1.01 to 1.50	5									5			...	
1.51 or more	15		5		5							5	...	
BEDROOMS														
None	1 657	121	98	264	102	378	138	214	263	18	61		96	
1	6 566	23		33	84	418	1 134	1 979	2 290	525	21	59	144	
2	6 404		43		21	47	221	929	2 871	1 830	308	134	183	
3 or more	2 287						22	57	728	1 018	315	147	226	
YEAR STRUCTURE BUILT														
1969 to March 1970	898			5				153	399	266	69	6	186	
1965 to 1968	3 802	11	5	11	8	41	48	343	1 928	1 094	262	51	187	
1960 to 1964	3 564		5	20	51	113	220	483	1 455	1 009	164	34	180	
1950 to 1959	2 565	10	5		10	116	377	800	668	485	60	34	148	
1940 to 1949	1 647	6	21	40	14	128	170	435	567	209	26	31	150	
1939 or earlier	4 644	92	146	119	89	499	669	1 073	1 231	473	128	125	138	
ELEVATOR IN STRUCTURE														
4 floors or more	1 497			61	60	103	82	204	244	497	246		199	
With elevator	1 239			41	60	62	62	204	223	433	154		193	
Walk-up	258			20		41	20		21	64	92		...	
1 to 3 floors	15 417	144	141	236	147	740	1 433	2 975	5 908	2 894	459	340	165	
COMPLETE BATHROOMS														
1 and 1/2	15 916	36	19	86	113	842	1 432	3 258	6 193	3 224	516	197	167	
2 or more	611		18					8	67	281	188	49	267	
None or also used by another household	582	64	152	68	48	79	13	36	63	30	7	22	69	
INCOME IN 1969														
Less than \$2,000	2 857	27	37	93	49	152	194	431	647	881	283	63	182	
\$2,000 to \$2,999	1 578	37	40	26	39	136	151	250	436	332	103	28	161	
\$3,000 to \$3,999	1 250	14	28	15	23	116	146	399	231	231	50	14	158	
\$4,000 to \$4,999	1 074	11		25	19	107	116	233	362	164	26	11	153	
\$5,000 to \$5,999	1 120	9	14	11	20	113	134	336	367	97	15	4	143	
\$6,000 to \$6,999	1 157	6	16	11	12	51	104	302	459	142	27	27	157	
\$7,000 to \$9,999	3 346		27	14	10	115	377	794	1 466	439	42	62	160	
\$10,000 to \$14,999	3 025	9	15			96	208	556	1 416	638	32	55	171	
\$15,000 to \$24,999	1 386	6	5			11	44	162	604	439	98	17	188	
\$25,000 or more	317						10	9	92	173	33		227	
Median	\$6 600	\$2 900	\$3 500	\$2 200	\$2 900	\$4 400	\$6 000	\$6 600	\$7 900	\$6 400	\$2 700	\$6 800	...	
YEAR MOVED INTO UNIT														
1969 to March 1970	10 885	80	126	76	70	555	849	1 898	3 954	2 582	604	91	172	
1968	2 915	13	31	34	6	117	225	655	1 241	501	64	28	165	
1967	1 198		12		25	34	108	307	436	235	20	21	162	
1965 and 1966	1 075		6	15	32	106	80	247	390	157	23	19	155	
1960 to 1964	536		14	7	20	54	83	123	169	38		28	139	
1950 to 1959	358			7	8	32	73	52	125	7		54	138	
1949 or earlier	142	7		15		23	27	20	8	15		27	...	
GROSS RENT AS PERCENTAGE OF INCOME														
Less than 10 percent	541	25	47	5		57	79	91	150	87			139	
10 to 14 percent	1 843	30	30	26	15	135	289	408	675	220	15		158	
15 to 19 percent	2 530	21	5	25	27	119	285	624	1 012	374	38		158	
20 to 24 percent	2 375	11	48	20	24	107	176	499	1 069	356	65		164	
25 to 34 percent	2 672	26	15	16	30	167	195	588	1 118	481	36		163	
35 percent or more	6 558	6	25	94	76	285	436	1 039	2 109	1 960	528		181	
Not computed	591		12	9		27	24	38	115	58	27	281	170	
AIR CONDITIONING														
Room unit(s)	6 433	6	12	26	14	97	226	852	2 833	1 822	450	95	184	
Central system	2 327		6		7	7	13	126	1 272	780	93	30	189	
None	8 349	94	177	122	147	817	1 206	2 324	2 218	933	168	143	140	

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]

Ann Arbor	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	14 229	586	314	344	383	371	434	1 620	3 384	4 681	2 112	14 500
ROOMS												
1 and 2 rooms	64	9	—	8	—	14	—	22	—	11	—	—
3 rooms	257	37	17	20	20	23	4	59	52	25	—	7 400
4 rooms	1 210	106	75	55	52	59	113	256	289	180	25	8 700
5 rooms	3 775	181	107	134	124	112	146	507	1 186	474	173	12 400
6 rooms	3 350	138	44	56	79	76	109	455	948	1 135	310	13 800
7 rooms or more	5 573	115	71	71	108	87	62	321	909	2 225	1 604	19 700
PERSONS												
1 person	1 540	331	152	159	87	92	114	272	173	97	63	5 400
2 persons	3 818	73	102	138	167	169	142	559	965	1 059	444	12 900
3 and 4 persons	5 565	135	50	34	103	92	129	657	1 451	1 966	948	15 700
5 persons	1 825	33	10	7	12	14	26	77	465	842	339	18 200
6 persons or more	1 481	14	—	6	14	4	23	55	330	717	318	19 100
Units with roomers, boarders, or lodgers	392	56	29	16	45	28	13	43	106	35	21	7 600
BEDROOMS												
Less than 3	3 489	220	62	199	179	246	246	573	871	740	153	10 100
3	6 733	190	110	80	170	105	122	761	2 077	2 585	533	14 400
4 or more	4 037	169	46	35	17	63	36	151	547	1 549	1 424	21 200
YEAR STRUCTURE BUILT												
1969 to March 1970	771	59	11	12	37	39	71	164	191	124	63	9 900
1960 to 1968	4 204	75	39	42	34	55	71	405	936	1 716	831	17 600
1950 to 1959	3 567	51	68	49	73	79	77	293	914	1 434	529	16 300
1949 or earlier	5 687	401	196	241	239	198	215	758	1 343	1 407	689	12 200
YEAR MOVED INTO UNIT												
1969 to March 1970	2 204	123	24	43	52	99	93	396	573	635	166	12 400
1968	1 388	13	13	14	16	34	38	129	385	544	202	16 000
1960 to 1967	5 721	120	106	97	100	52	143	623	1 384	2 047	1 049	16 200
1959 or earlier	4 896	321	206	197	220	183	152	507	995	1 426	689	13 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	12 256	305	150	237	267	252	283	1 101	3 066	4 505	2 090	16 000
Clothes dryer	11 105	239	124	162	207	211	183	920	2 617	4 399	2 043	17 000
Dishwasher	6 560	90	41	39	88	24	22	261	1 272	2 927	1 796	19 900
Home food freezer	4 524	149	21	20	77	146	17	289	931	1 700	1 174	18 600
Owned second home	1 283	20	—	20	22	20	—	58	222	463	458	21 000
With air conditioning	4 330	52	56	80	118	54	86	400	985	1 579	920	17 100
Room unit(s)	2 989	52	44	60	81	54	71	317	772	1 067	471	15 400
Central system	1 341	—	12	20	37	—	—	83	213	512	449	20 700
Automobiles available:												
1	6 211	294	193	212	299	246	293	1 139	1 740	1 400	395	11 200
2	6 339	74	12	51	36	92	87	391	1 423	2 763	1 410	18 600
3 or more	940	10	5	14	—	7	15	43	83	468	295	21 300
Renter occupied housing units	17 252	2 870	1 590	1 250	1 078	1 145	1 168	3 362	3 070	1 402	317	6 600
ROOMS												
1 room	1 267	307	274	164	84	102	58	159	109	5	5	3 300
2 rooms	2 347	462	242	242	210	197	171	467	250	95	11	5 100
3 rooms	4 800	801	442	390	328	406	406	1 054	758	271	30	6 300
4 rooms	4 901	809	397	299	234	306	281	956	993	506	120	7 400
5 rooms	2 478	308	146	94	145	121	171	488	628	312	65	8 600
6 rooms or more	1 459	183	89	61	77	99	81	238	332	213	86	8 800
PERSONS												
1 person	5 072	996	606	461	326	370	364	1 079	639	188	43	5 400
2 persons	6 457	753	491	431	480	475	480	1 353	1 262	621	111	7 300
3 and 4 persons	4 801	1 002	455	327	250	280	250	795	895	421	122	6 400
5 persons	606	95	38	28	14	32	17	93	159	107	23	9 500
6 persons or more	316	24	—	3	8	14	27	42	115	65	18	11 700
Units with roomers, boarders, or lodgers	1 425	544	252	127	102	68	76	139	80	31	6	2 700
BEDROOMS												
None	1 657	360	304	266	230	127	127	202	20	—	21	3 600
1	6 566	959	674	538	454	458	423	1 684	989	326	61	6 500
2	6 527	875	529	324	264	442	430	1 379	1 257	876	151	7 900
3 or more	2 314	318	135	108	132	165	136	306	561	348	105	8 600
YEAR STRUCTURE BUILT												
1969 to March 1970	947	64	83	44	35	86	48	176	250	121	40	8 900
1960 to 1968	7 402	1 394	596	496	345	379	427	1 396	1 463	726	180	7 100
1950 to 1959	2 576	254	237	164	158	191	192	621	471	240	48	7 400
1949 or earlier	6 327	1 158	674	546	540	489	501	1 169	886	315	49	5 500
YEAR MOVED INTO UNIT												
1969 to March 1970	10 990	2 297	1 208	984	713	731	781	1 833	1 656	685	102	5 400
1968	2 938	322	164	121	165	204	199	707	665	308	83	8 200
1960 to 1967	2 823	229	192	111	139	173	157	639	781	309	93	8 900
1959 or earlier	500	97	27	35	30	27	54	119	51	45	15	6 600
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied ¹	17 110	2 857	1 578	1 250	1 074	1 120	1 157	3 346	3 025	1 386	317	6 600
Less than 15 percent	2 384	—	—	14	11	29	38	242	805	946	299	15 600
15 to 19 percent	2 530	—	21	5	20	63	85	749	1 267	302	18	11 300
20 to 24 percent	2 375	—	36	43	56	161	188	1 130	653	108	—	8 900
25 to 34 percent	2 672	21	48	146	249	456	553	955	231	13	—	6 800
35 percent or more	6 558	2 463	1 445	1 028	727	407	266	208	14	—	—	2 600
Not computed	591	373	28	14	11	4	27	62	55	17	—	2000—
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	5 345	683	268	208	245	407	283	945	1 391	704	211	8 800
Clothes dryer	4 879	680	229	203	201	317	203	843	1 266	747	190	9 200
Dishwasher	3 119	467	238	140	62	62	153	320	925	581	171	10 600
Home food freezer	833	43	19	41	102	46	20	144	233	163	22	10 000
Owned second home	688	—	—	—	—	—	—	—	—	—	—	4 000
With air conditioning	8 816	1 650	522	432	475	556	556	1 573	1 764	853	236	7 000
Room unit(s)	6 447	1 458	600	377	306	353	375	1 128	1 188	524	138	6 300
Central system	2 369	192	145	126	126	122	181	445	329	329	98	8 800
Automobiles available:												
1	10 232	1 223	782	668	665	720	855	2 399	2 280	563	77	7 300
2	3 348	488	263	175	155	162	134	468	686	648	169	8 900
3 or more	832	211	87	61	51	64	56	103	82	77	40	5 100

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]

Ann Arbor	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	14 229	14 166	7 967	5 768	381	50	63	35	28	—	—
PERSONS											
1 person.....	1 540	1 530	1 530	—	—	—	10	10	—	—	—
2 persons.....	3 818	3 796	3 489	102	—	5	22	22	—	—	—
3 persons.....	2 516	2 513	1 523	960	24	6	3	—	—	—	—
4 persons.....	3 049	3 034	880	2 123	26	5	15	—	15	—	—
5 persons.....	1 825	1 812	345	1 453	14	—	13	—	13	—	—
6 persons or more.....	1 481	1 481	—	1 130	317	34	—	—	—	—	—
Median.....	3.2	3.2	2.2	4.4	6.4	...	...	...	...	—	—
Units with roomers, boarders, or lodgers.....	392	377	250	115	12	—	15	11	4	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970.....	772	772	278	468	26	—	—	—	—	—	—
1965 to 1968.....	2 055	2 055	927	1 101	27	—	—	—	—	—	—
1960 to 1964.....	2 137	2 131	991	1 088	40	12	6	—	6	—	—
1950 to 1959.....	3 573	3 553	1 849	1 535	156	13	20	7	13	—	—
1940 to 1949.....	1 524	1 505	890	591	16	8	19	19	—	—	—
1939 or earlier.....	4 148	4 137	2 875	1 140	103	19	11	6	5	—	—
INCOME IN 1969											
Less than \$2,000.....	586	581	442	139	—	—	5	5	—	—	—
\$2,000 to \$2,999.....	314	314	260	54	—	—	—	—	—	—	—
\$3,000 to \$3,999.....	344	339	318	21	—	—	5	5	—	—	—
\$4,000 to \$4,999.....	383	383	291	87	—	5	—	—	—	—	—
\$5,000 to \$5,999.....	371	365	274	79	12	—	6	6	—	—	—
\$6,000 to \$6,999.....	434	431	276	141	9	5	3	3	—	—	—
\$7,000 to \$9,999.....	1 620	1 610	999	554	37	20	10	10	—	—	—
\$10,000 to \$14,999.....	3 384	3 370	1 559	1 680	121	10	14	—	14	—	—
\$15,000 to \$24,999.....	4 681	4 665	2 207	2 270	178	10	16	6	10	—	—
\$25,000 or more.....	2 112	2 108	1 341	743	24	—	4	—	4	—	—
Median.....	\$14 500	\$14 500	\$13 600	\$15 600	\$15 600	...	...	...	...	—	—
VALUE-INCOME RATIO											
Specified owner occupied¹	12 327	12 280	6 962	4 955	328	35	47	19	28	—	—
Less than 1.5.....	3 527	3 517	1 776	1 572	160	9	10	—	10	—	—
1.5 to 1.9.....	2 899	2 885	1 481	1 302	98	4	14	—	14	—	—
2.0 to 2.4.....	2 177	2 165	1 148	968	33	16	12	8	4	—	—
2.5 to 2.9.....	1 175	1 169	651	489	23	6	6	—	—	—	—
3.0 to 3.9.....	1 006	1 006	656	345	5	—	—	—	—	—	—
4.0 or more.....	1 466	1 461	1 196	256	9	—	5	5	—	—	—
Not computed.....	77	77	54	23	—	—	—	—	—	—	—
HEATING EQUIPMENT											
Steam or hot water.....	1 696	1 690	1 205	461	19	5	6	6	—	—	—
Warm-air furnace.....	12 100	12 046	6 518	5 149	343	36	54	26	28	—	—
Built-in electric units.....	66	66	51	15	—	—	—	—	—	—	—
Floor, wall, or pipeless furnace.....	94	94	58	22	10	4	—	—	—	—	—
Other means.....	273	270	135	121	9	5	3	3	—	—	—
None.....	—	—	—	—	—	—	—	—	—	—	—
Renter occupied housing units	17 252	16 786	7 289	8 501	702	294	466	77	369	5	15
PERSONS											
1 person.....	5 072	4 668	3 935	733	—	—	404	66	338	—	—
2 persons.....	6 457	6 419	3 006	3 237	—	176	38	11	17	—	10
3 persons.....	2 832	2 818	287	2 336	195	—	14	—	9	—	5
4 persons.....	1 969	1 964	41	1 650	234	39	5	—	—	5	—
5 persons.....	606	606	20	410	140	36	—	—	—	—	—
6 persons or more.....	316	311	—	135	133	43	5	—	5	—	—
Median.....	2.1	2.1	1.4	2.6	4.2	2.3	1.1	...	1.0	...	...
Units with roomers, boarders, or lodgers.....	1 425	1 405	392	888	96	29	20	5	10	5	—
YEAR STRUCTURE BUILT											
1969 to March 1970.....	925	925	391	500	11	23	—	—	—	—	—
1965 to 1968.....	3 927	3 916	1 605	2 066	176	69	11	—	11	—	—
1960 to 1964.....	3 566	3 554	1 364	1 956	163	71	12	—	12	—	—
1950 to 1959.....	2 646	2 626	1 104	1 274	152	96	20	—	20	—	—
1940 to 1949.....	1 533	1 469	581	829	46	13	64	8	50	—	6
1939 or earlier.....	4 654	4 291	2 271	1 876	99	45	363	68	281	—	14
INCOME IN 1969											
Less than \$2,000.....	2 870	2 743	989	1 538	169	47	127	20	102	—	5
\$2,000 to \$2,999.....	1 590	1 497	587	830	51	29	93	16	72	—	5
\$3,000 to \$3,999.....	1 250	1 160	482	547	86	45	90	14	71	—	—
\$4,000 to \$4,999.....	1 078	1 048	460	517	39	32	30	5	25	—	—
\$5,000 to \$5,999.....	1 145	1 105	487	586	11	21	40	11	29	—	—
\$6,000 to \$6,999.....	1 168	1 146	520	573	27	26	22	6	16	—	—
\$7,000 to \$9,999.....	3 362	3 331	1 644	1 539	113	35	31	5	26	—	—
\$10,000 to \$14,999.....	3 070	3 042	1 340	1 521	137	44	28	—	23	—	5
\$15,000 to \$24,999.....	1 402	1 397	641	690	56	10	5	—	5	—	—
\$25,000 or more.....	317	317	139	160	13	5	—	—	—	—	—
Median.....	\$6 600	\$6 700	\$7 200	\$6 400	\$5 500	\$4 800	\$3 100	...	\$3 100	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied²	17 110	16 644	7 234	8 419	697	294	466	77	369	5	15
Less than 10 percent.....	541	496	201	257	17	21	45	—	45	—	—
10 to 14 percent.....	1 843	1 778	791	885	82	20	65	11	54	—	—
15 to 19 percent.....	2 530	2 496	1 185	1 182	85	44	34	—	34	—	—
20 to 24 percent.....	2 375	2 315	1 127	1 074	98	16	60	16	44	—	5
25 to 34 percent.....	2 672	2 598	1 185	1 280	66	67	74	15	54	—	5
35 percent or more.....	6 558	6 389	2 457	3 487	329	116	169	30	129	5	5
Not computed.....	591	572	288	254	20	10	19	5	9	—	—
HEATING EQUIPMENT											
Steam or hot water.....	6 007	5 885	2 445	2 982	317	141	122	25	92	5	—
Warm-air furnace.....	9 097	8 781	3 892	4 455	320	114	316	52	249	—	15
Built-in electric units.....	1 582	1 568	674	823	40	31	14	—	14	—	—
Floor, wall, or pipeless furnace.....	232	232	125	97	6	4	—	—	—	—	—
Other means.....	325	316	153	140	19	4	9	—	9	—	—
None.....	9	4	—	4	—	—	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]

Ann Arbor										
	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	14 229	16	48	257	1 210	3 775	3 350	2 140	3 433	6.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	14 139	15	42	244	1 210	3 730	3 365	2 136	3 397	6.0
PERSONS										
1 person	1 540	—	17	120	264	505	332	185	117	5.2
2 persons	3 818	5	7	95	580	1 219	969	486	457	5.5
3 persons	2 516	6	24	16	223	721	674	392	460	5.9
4 persons	3 049	5	—	26	124	777	742	495	880	6.3
5 persons	1 825	—	—	—	14	364	380	248	819	7.1
6 persons or more	1 481	—	—	—	5	189	253	334	700	7.4
Median	3.2	...	...	1.6	2.1	2.7	3.1	3.5	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	14 166	16	48	257	1 199	3 749	3 345	2 132	3 420	6.0
0.50 or less	7 947	—	17	120	833	1 714	1 970	1 063	2 250	6.2
0.51 to 1.00	5 768	—	7	111	347	1 846	1 294	1 028	1 135	5.9
1.01 to 1.50	381	—	24	26	14	173	72	37	35	5.2
1.51 or more	50	16	—	—	5	16	9	4	—	...
Lacking some or all plumbing facilities	63	—	—	—	11	26	5	8	13	...
0.50 or less	35	—	—	—	11	10	5	—	9	...
0.51 to 1.00	28	—	—	—	—	16	—	8	4	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	605	18	82	242	205	21	19	18	—	3.3
2	2 884	—	—	45	886	1 391	351	146	65	4.9
3	6 733	—	—	—	91	2 387	2 492	1 289	474	5.9
4 or more	4 037	—	—	—	—	25	299	709	3 004	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	771	—	7	53	262	240	91	20	98	4.8
1960 to 1968	4 204	—	12	74	101	855	845	607	1 710	6.9
1950 to 1959	3 567	5	7	13	210	1 471	946	438	477	5.6
1949 or earlier	5 687	11	22	117	637	1 209	1 468	1 075	1 148	6.1
COMPLETE BATHROOMS										
1 and 1 1/2	9 899	7	28	233	1 134	3 404	2 731	1 251	1 111	5.6
2 or more	4 248	8	14	11	76	326	642	885	2 286	7.5+
None or also used by another household	62	—	—	—	12	27	—	11	12	...
VALUE-INCOME RATIO										
Specified owner occupied¹	12 327	11	10	62	662	3 152	3 018	2 031	3 381	6.3
Less than 1.5	3 527	—	5	5	218	1 000	923	526	850	6.1
1.5 to 1.9	2 899	—	—	13	83	782	732	504	785	6.3
2.0 to 2.9	3 352	11	—	9	162	723	789	543	1 115	6.5
3.0 or more	2 472	—	—	35	185	615	560	458	619	6.2
Not computed	77	—	5	—	14	32	14	—	12	...
Renter occupied housing units	17 252	1 267	2 347	4 800	4 901	2 478	923	313	223	3.5
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	16 527	860	2 220	4 756	4 886	2 350	885	317	253	3.6
PERSONS										
1 person	5 072	1 071	1 139	1 739	730	284	61	29	19	2.7
2 persons	6 457	186	968	2 286	1 934	859	164	38	22	3.4
3 persons	2 832	5	195	478	1 273	594	220	36	31	4.1
4 persons	1 969	5	34	239	788	484	274	104	44	4.4
5 persons	606	—	6	30	140	171	129	75	51	5.2
6 persons or more	316	—	5	28	36	86	75	31	55	5.5
Median	2.1	1.1	1.5	1.8	2.4	2.7	3.6	4.0	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	16 786	914	2 306	4 760	4 884	2 478	913	313	218	3.6
0.50 or less	7 289	—	1 104	1 724	2 647	1 143	440	103	128	3.8
0.51 to 1.00	8 501	733	962	2 744	2 061	1 249	452	210	90	3.4
1.01 to 1.50	702	—	195	234	171	81	21	—	—	3.2
1.51 or more	294	181	45	58	5	5	—	—	—	1.3
Lacking some or all plumbing facilities	466	353	41	40	17	—	10	—	5	1.2
0.50 or less	77	—	35	15	17	—	5	—	5	...
0.51 to 1.00	369	338	6	20	—	—	5	—	—	1.0
1.01 to 1.50	5	—	—	5	—	—	—	—	—	...
1.51 or more	15	15	—	—	—	—	—	—	—	...
BEDROOMS										
None	1 657	1 080	556	21	—	—	—	—	—	1.3
1	6 566	—	1 821	3 818	827	100	—	—	—	2.9
2	6 527	—	—	790	3 773	1 849	115	—	—	4.2
3 or more	2 314	—	—	—	127	902	873	311	101	5.6
YEAR STRUCTURE BUILT										
1969 to March 1970	947	70	77	222	288	198	83	9	—	3.9
1960 to 1968	7 402	420	861	2 135	2 661	1 035	190	58	42	3.6
1950 to 1959	2 576	127	521	635	710	350	153	52	28	3.5
1949 or earlier	6 327	650	888	1 808	1 242	895	497	194	153	3.4
COMPLETE BATHROOMS										
1 and 1 1/2	16 043	908	2 254	4 759	4 797	2 219	729	217	160	3.5
2 or more	626	18	—	20	89	150	156	100	93	5.7
None or also used by another household	582	372	59	56	58	—	30	—	7	1.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	17 110	1 267	2 332	4 781	4 867	2 449	887	309	218	3.5
Less than 10 percent	541	80	69	137	149	51	44	6	5	3.4
10 to 14 percent	1 843	130	280	556	506	288	57	16	10	3.4
15 to 19 percent	2 530	108	344	724	639	382	155	54	33	3.6
20 to 24 percent	2 375	143	305	639	711	386	138	29	24	3.6
25 to 34 percent	2 672	228	365	744	682	408	177	53	15	3.5
35 percent or more	6 558	522	909	1 828	1 973	825	276	133	92	3.5
Not computed	591	56	60	153	116	109	40	18	39	...

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
Ann Arbor												
All occupied housing units	14 229	13 006	1 223	-	17 252	2 585	1 809	1 761	4 482	3 011	3 599	5
ROOMS												
1 room	16	11	5	-	1 267	69	19	92	406	188	488	5
2 rooms	48	17	31	-	2 347	53	76	296	732	540	650	-
3 rooms	257	103	154	-	4 800	243	424	681	1 424	1 018	1 010	-
4 rooms	1 210	841	369	-	4 901	489	742	399	1 288	926	1 057	-
5 rooms	3 775	3 423	352	-	2 478	627	405	226	559	316	345	-
6 rooms	3 350	3 119	231	-	923	627	132	45	63	23	33	-
7 rooms	2 140	2 080	60	-	313	291	-	5	5	-	12	-
8 rooms or more	3 433	3 412	21	-	223	186	11	17	5	-	4	-
Median	6.0	6.2	4.6	-	3.5	5.2	4.0	3.2	3.3	3.3	3.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	14 166	12 959	1 207	-	16 786	2 570	1 790	1 675	4 272	2 919	3 555	5
0.50 or less	7 967	7 218	749	-	7 289	980	952	776	1 903	1 272	1 406	-
0.51 to 1.00	5 768	5 352	416	-	8 501	1 440	745	867	2 118	1 465	1 861	5
1.01 to 1.50	381	349	32	-	702	133	69	22	166	136	176	-
1.51 or more	50	40	10	-	294	17	24	10	85	46	112	-
Lacking some or all plumbing facilities	63	47	16	-	466	15	19	86	210	92	44	-
0.50 or less	35	19	16	-	77	6	10	35	21	5	-	-
0.51 to 1.00	26	26	-	-	369	9	4	46	179	87	44	-
1.01 to 1.50	-	-	-	-	5	-	-	5	-	-	-	-
1.51 or more	-	-	-	-	15	-	5	-	10	-	-	-
BEDROOMS												
None	18	-	18	-	1 657	160	20	141	602	162	572	-
1	587	201	386	-	6 566	249	704	984	1 889	1 279	1 461	-
2	2 884	2 257	627	-	6 527	974	837	469	1 811	1 100	1 336	-
3	6 733	6 456	277	-	2 019	1 390	131	75	176	104	143	-
4 or more	4 037	3 979	58	-	295	274	-	-	-	-	21	-
YEAR STRUCTURE BUILT												
1969 to March 1970	771	543	228	-	947	192	26	63	186	219	261	-
1965 to 1968	2 061	1 812	249	-	3 842	290	170	199	898	1 190	1 095	-
1960 to 1964	2 143	2 072	71	-	3 560	171	202	110	976	737	1 359	5
1950 to 1959	3 567	3 481	86	-	2 576	542	245	109	835	354	491	-
1940 to 1949	1 540	1 482	58	-	1 656	446	242	372	400	127	69	-
1939 or earlier	4 147	3 616	531	-	4 671	944	924	908	1 167	384	324	-
INCOME IN 1969												
Less than \$2,000	586	469	117	-	2 870	293	217	295	678	627	760	-
\$2,000 to \$2,999	314	272	42	-	1 590	197	123	122	519	234	390	5
\$3,000 to \$3,999	344	260	84	-	1 250	87	98	185	378	197	305	-
\$4,000 to \$4,999	383	326	57	-	1 078	130	132	141	295	199	181	-
\$5,000 to \$5,999	371	317	54	-	1 145	185	112	102	302	186	225	-
\$6,000 to \$6,999	434	360	74	-	1 168	175	127	166	296	204	200	-
\$7,000 to \$9,999	1 620	1 297	323	-	3 362	490	382	344	867	617	662	-
\$10,000 to \$14,999	3 384	3 074	310	-	3 070	626	400	277	744	472	551	-
\$15,000 to \$24,999	4 681	4 549	132	-	1 402	328	178	85	311	231	269	-
\$25,000 or more	2 112	2 082	30	-	917	74	40	11	92	44	56	-
Median	\$14 500	\$15 300	\$8 700	-	\$6 600	\$8 400	\$7 800	\$6 000	\$6 200	\$6 300	\$5 700	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 204	1 794	410	-	10 990	1 460	1 012	1 143	2 943	2 180	2 245	7
1968	1 388	1 317	71	-	2 938	404	348	264	669	599	654	-
1967	1 235	1 114	121	-	1 198	194	169	131	336	159	209	-
1965 and 1966	1 800	1 709	91	-	1 075	154	160	105	296	114	299	-
1960 to 1964	2 686	2 583	103	-	550	111	105	59	147	21	107	-
1950 to 1959	2 922	2 748	174	-	328	86	51	47	78	35	31	-
1949 or earlier	1 974	1 763	211	-	172	42	22	43	15	24	26	-
GROSS RENT												
Specified renter occupied ¹					17 110	2 443	1 809	1 761	4 482	3 011	3 599	5
Less than \$50	...	...	...	...	119	17	6	16	60	16	11	-
\$50 to \$59	...	...	...	...	182	17	6	31	83	25	20	-
\$60 to \$69	...	...	...	...	195	35	6	37	51	46	20	-
\$70 to \$79	...	...	...	...	172	10	4	37	44	14	63	-
\$80 to \$99	...	...	...	...	897	35	112	135	303	117	190	5
\$100 to \$119	...	...	...	...	1 484	137	170	220	494	152	311	-
\$120 to \$149	...	...	...	...	3 287	309	375	538	1 052	385	628	-
\$150 to \$199	...	...	...	...	6 248	676	839	591	1 567	1 426	1 149	-
\$200 to \$299	...	...	...	...	3 536	882	225	116	697	673	943	-
\$300 or more	...	...	...	...	709	197	11	16	89	153	243	-
No cash rent	...	...	...	...	281	135	55	24	42	4	21	-
Median	...	...	...	...	\$167	\$194	\$162	\$142	\$154	\$176	\$174	...
HEATING EQUIPMENT												
Steam or hot water	1 696	1 462	234	-	6 007	266	391	414	1 982	1 368	1 581	5
Warm-air furnace	12 100	11 162	938	-	9 097	2 099	1 288	1 238	2 012	1 169	1 291	-
Built-in electric units	66	66	-	-	1 582	41	43	73	327	398	700	-
Floor, wall, or pipeless furnace	94	79	15	-	232	71	20	11	74	39	17	-
Other means	273	237	36	-	325	104	67	25	82	37	10	-
None	-	-	-	-	9	4	-	-	5	-	-	-
AIR CONDITIONING												
Room unit(s)	2 989	2 717	272	-	6 447	377	355	347	1 685	1 869	1 814	-
Central system	1 341	1 326	15	-	2 369	175	41	123	499	609	915	7
None	9 879	8 985	894	-	8 435	1 899	1 471	1 322	2 247	654	842	-
AUTOMOBILES AVAILABLE												
1	6 211	5 416	795	-	10 232	1 406	1 223	1 074	2 722	1 819	1 988	-
2	6 339	6 105	234	-	3 348	626	355	234	792	681	660	-
3 or more	940	921	19	-	832	206	58	27	166	207	168	-
None	719	586	133	-	2 839	213	231	457	751	425	755	7

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]

Ann Arbor	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	14 229	364	2 678	2 906	4 062	1 099	226	74	975	305	738	802
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	14 166	364	2 674	2 896	4 053	1 083	218	74	969	305	733	797
0.50 or less	7 967	192	910	835	2 497	970	122	55	590	266	733	797
0.51 to 1.00	5 768	160	1 637	1 899	1 471	108	91	19	344	39	--	--
1.01 to 1.50	381	12	116	153	70	--	5	--	25	--	--	--
1.51 or more	50	--	11	9	15	5	--	--	10	--	--	--
Lacking some or all plumbing facilities	63	--	4	10	9	16	8	--	6	--	5	5
0.50 or less	35	--	--	--	5	6	8	--	6	--	5	5
0.51 to 1.00	28	--	4	10	4	10	--	--	--	--	--	--
1.01 to 1.50	--	--	--	--	--	--	--	--	--	--	--	--
1.51 or more	--	--	--	--	--	--	--	--	--	--	--	--
UNITS IN STRUCTURE												
1	13 006	224	2 391	2 854	3 891	1 008	201	56	846	283	613	639
2 or more	1 223	140	287	52	171	91	25	18	129	22	125	163
Mobile home or trailer	--	--	--	--	--	--	--	--	--	--	--	--
INCOME IN 1969												
Less than \$2,000	586	--	40	17	23	38	22	--	86	29	90	241
\$2,000 to \$2,999	314	9	26	10	9	35	--	6	43	24	27	125
\$3,000 to \$3,999	344	10	9	6	5	76	8	--	49	22	57	102
\$4,000 to \$4,999	383	5	19	14	16	84	--	9	104	43	41	46
\$5,000 to \$5,999	371	34	40	19	30	99	9	4	31	13	44	48
\$6,000 to \$6,999	434	38	52	24	5	63	15	10	97	16	54	60
\$7,000 to \$9,999	1 620	150	369	123	252	185	19	8	183	59	167	105
\$10,000 to \$14,999	3 384	99	964	732	861	193	56	15	232	59	133	40
\$15,000 to \$24,999	4 681	19	1 007	1 420	1 736	195	51	10	116	30	84	13
\$25,000 or more	2 112	--	152	541	1 125	46	129	12	34	10	41	22
Median	\$14 500	\$8 700	\$14 100	\$18 600	\$19 800	\$9 500	\$13 600	...	\$8 300	\$7 300	\$8 000	\$3 300
VALUE-INCOME RATIO												
Specified owner occupied ¹	12 327	114	2 197	2 769	3 818	968	191	50	728	283	568	639
Less than 1.5	3 527	16	473	776	1 708	197	61	12	97	58	98	31
1.5 to 1.9	2 899	21	578	786	1 038	198	46	12	101	20	75	24
2.0 to 2.4	2 177	26	524	665	574	134	26	11	102	22	67	26
2.5 to 2.9	1 175	29	369	284	242	84	10	--	80	19	78	40
3.0 to 3.9	1 006	24	229	158	141	140	10	11	117	46	90	40
4.0 or more	1 466	--	80	95	110	210	33	4	222	111	134	467
Not computed	77	--	4	5	5	5	5	--	9	7	26	11
Renter occupied housing units	17 252	2 124	3 706	759	624	168	2 337	34	2 341	87	4 299	773
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	16 786	2 114	3 701	759	624	168	2 295	34	2 336	87	3 906	742
0.50 or less	7 289	508	1 025	97	253	116	562	7	749	37	3 286	639
0.51 to 1.00	8 501	1 472	2 383	537	338	52	1 493	16	1 427	50	610	123
1.01 to 1.50	702	54	201	101	28	--	193	--	125	--	--	--
1.51 or more	294	80	92	24	5	--	47	11	35	--	--	--
Lacking some or all plumbing facilities	466	10	5	--	--	--	42	--	5	--	393	11
0.50 or less	77	6	--	--	--	--	5	--	--	--	55	11
0.51 to 1.00	369	4	--	--	--	--	22	--	5	--	338	--
1.01 to 1.50	5	--	--	--	--	--	5	--	--	--	--	--
1.51 or more	15	--	5	--	--	--	10	--	--	--	--	--
UNITS IN STRUCTURE												
1	2 585	172	810	302	191	33	270	7	405	23	322	50
2 to 4	3 570	509	874	160	117	26	316	12	497	29	874	156
5 to 19	7 493	1 042	1 454	221	184	50	1 144	15	970	16	2 136	261
20 or more	3 599	401	568	76	132	59	607	--	469	19	962	306
Mobile home or trailer	5	--	--	--	--	--	--	--	--	--	5	--
GROSS RENT												
Specified renter occupied ²	17 110	2 114	3 649	749	620	168	2 323	34	2 303	87	4 290	773
Less than \$50	119	--	--	--	--	--	--	--	--	--	80	27
\$50 to \$59	182	6	--	--	--	--	10	--	6	--	166	--
\$60 to \$69	195	10	--	--	--	6	4	--	--	--	144	31
\$70 to \$79	172	--	--	--	5	--	19	--	7	--	99	42
\$80 to \$99	897	88	--	--	9	31	11	--	64	19	475	111
\$100 to \$119	1 484	313	66	46	46	20	23	--	71	7	494	112
\$120 to \$149	3 287	618	727	103	56	15	217	13	323	10	1 056	149
\$150 to \$199	6 248	943	1 757	235	193	55	617	5	864	32	1 340	207
\$200 to \$299	3 536	127	694	259	214	36	1 059	--	776	13	327	31
\$300 or more	709	4	47	70	49	10	304	5	176	--	44	--
No cash rent	281	5	36	27	26	15	22	--	16	6	65	63
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	17 110	2 114	3 649	749	620	168	2 323	34	2 303	87	4 290	773
Less than \$5,000	6 759	651	394	64	51	49	1 742	16	1 371	32	1 828	561
Less than 20 percent	71	--	--	--	--	--	--	--	--	--	50	21
20 to 24 percent	135	--	5	--	6	--	--	--	--	--	103	21
25 to 34 percent	464	76	69	--	--	12	10	--	28	5	189	75
35 percent or more	5 683	571	302	64	34	37	1 672	11	1 244	27	1 350	351
Not computed	426	4	18	--	11	--	60	5	99	--	136	93
\$5,000 to \$9,999	5 623	1 037	1 244	185	140	54	389	7	720	39	1 624	184
Less than 20 percent	1 206	238	234	44	39	--	15	--	34	12	542	48
20 to 24 percent	1 479	337	361	56	45	5	53	--	120	10	453	39
25 to 34 percent	1 964	318	488	54	47	18	124	7	346	5	493	64
35 percent or more	881	139	146	22	9	16	193	--	220	6	114	16
Not computed	93	5	15	9	--	15	4	--	--	6	22	17
\$10,000 to \$14,999	3 025	365	1 344	214	160	48	107	--	136	16	617	18
Less than 20 percent	2 072	301	912	112	73	36	62	--	85	16	475	--
20 to 24 percent	653	54	303	34	52	6	30	--	41	--	121	12
25 percent or more	245	10	112	50	20	6	15	--	10	--	16	6
Not computed	55	--	17	18	15	--	--	--	--	--	5	--
\$15,000 or more	1 703	61	667	286	269	17	85	11	76	--	221	10
Less than 20 percent	1 545	61	636	239	248	12	62	11	70	--	216	10
20 to 24 percent	108	--	27	43	12	5	10	--	6	--	5	--
25 percent or more	13	--	--	4	4	--	5	--	--	--	--	--
Not computed	17	--	4	--	5	--	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]

Ann Arbor	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	14 229	1 540	3 818	2 516	3 049	1 825	984	275	222	3.2
BEDROOMS										
None and 1	605	243	281	61	20	-	-	-	-	1.7
2	2 884	667	1 423	491	264	39	-	-	-	2.0
3	6 733	666	1 845	1 491	1 608	773	286	21	43	3.1
4 or more	4 037	220	546	464	843	973	627	186	178	4.4
YEAR STRUCTURE BUILT										
1969 to March 1970	771	40	250	204	147	77	48	5	-	3.0
1965 to 1968	2 061	93	229	372	695	394	203	46	29	4.0
1960 to 1964	2 143	103	310	448	568	379	239	55	41	3.9
1950 to 1959	3 567	267	1 048	657	817	457	236	40	45	3.2
1940 to 1949	1 540	210	577	264	219	154	68	25	23	2.5
1939 or earlier	4 147	827	1 404	571	603	364	190	104	84	2.4
UNITS IN STRUCTURE										
1	13 006	1 252	3 328	2 310	2 871	1 782	971	275	217	3.3
2 or more	1 223	288	490	206	178	43	13	-	5	2.2
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-
COMPLETE BATHROOMS										
1 and 1/2	9 899	1 225	2 990	1 752	2 143	1 046	458	168	117	2.9
2 and 2 1/2	3 634	191	666	622	861	633	471	116	74	3.9
3 or more	614	42	112	98	131	128	55	17	31	3.9
None or also used by another household	62	7	31	-	12	12	-	-	-	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	12 689	...	3 818	2 516	3 049	1 825	984	275	222	3.5
Male head, wife present, no nonrelatives	11 109	...	3 097	2 121	2 798	1 723	915	253	202	3.6
Under 25 years	364	...	174	128	52	5	5	-	-	2.6
25 to 34 years	2 678	...	398	562	1 018	419	195	53	33	3.9
35 to 44 years	2 906	...	203	300	954	741	487	124	97	4.5
45 to 64 years	4 062	...	1 435	990	724	552	228	71	72	3.1
65 years and over	1 099	...	887	151	50	6	5	5	5	2.1
Other male head	300	...	117	83	63	13	14	5	5	2.9
Under 65 years	226	...	90	40	63	9	14	5	5	3.1
65 years and over	74	...	27	43	4	4	5	5	5	...
Female head	1 280	...	604	312	188	89	55	17	15	2.6
Under 65 years	975	...	390	261	154	83	55	17	15	2.9
65 years and over	305	...	214	51	34	6	-	-	-	2.2
One-person households	1 540	1 540	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	12 327	1 267	3 150	2 116	2 708	1 733	939	264	208	3.4
Less than 1.5	3 527	129	949	686	829	457	283	105	89	3.5
1.5 to 1.9	2 899	99	732	569	676	451	263	64	45	3.6
2.0 to 2.4	2 177	93	471	399	543	390	187	50	44	3.7
2.5 to 2.9	1 175	118	266	163	270	210	125	12	11	3.7
3.0 to 3.9	1 006	130	308	153	201	128	54	22	10	2.9
4.0 or more	1 466	601	412	141	171	92	27	13	9	1.8
Not computed	77	37	12	5	18	5	-	-	-	...
Renter occupied housing units	17 252	5 072	6 457	2 832	1 969	606	211	87	18	2.1
BEDROOMS										
None	1 657	1 412	224	-	21	-	-	-	-	1.1
1	6 566	2 690	3 253	480	112	-	-	15	16	1.7
2	6 527	603	2 787	1 698	1 221	162	35	21	-	2.5
3 or more	2 314	145	114	631	700	439	154	93	38	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	947	229	297	238	121	31	18	13	-	2.3
1965 to 1968	3 842	866	1 544	716	558	117	28	13	-	2.2
1960 to 1964	3 560	920	1 482	582	438	99	31	8	-	2.1
1950 to 1959	2 576	688	947	436	310	129	62	-	4	2.1
1940 to 1949	1 656	413	606	348	157	99	12	16	5	2.2
1939 or earlier	4 671	1 956	1 581	512	385	131	60	37	9	1.7
UNITS IN STRUCTURE										
1	2 585	372	524	562	602	305	145	57	18	3.2
2	1 809	416	751	347	183	83	20	9	-	2.2
3 and 4	1 761	614	701	292	110	41	-	3	-	1.9
5 to 9	4 482	1 482	1 883	595	388	89	27	18	-	1.9
10 to 19	3 011	915	1 320	435	295	46	-	-	-	1.9
20 or more	3 599	1 268	1 278	601	391	42	19	-	-	1.9
Mobile home or trailer	5	5	-	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1/2	16 043	4 621	6 215	2 735	1 730	500	171	71	5	2.0
2 or more	626	47	166	94	171	97	41	5	5	3.5
None or also used by another household	582	440	95	25	9	-	13	-	-	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	12 180	...	6 457	2 832	1 969	606	211	87	18	2.4
Male head, wife present, no nonrelatives	7 381	...	4 146	1 530	1 012	441	171	67	14	2.4
Under 25 years	2 124	...	1 684	349	76	10	-	5	-	2.1
25 to 34 years	3 706	...	1 823	930	608	244	82	15	4	2.5
35 to 44 years	2 759	...	160	121	202	162	65	39	10	4.0
45 to 64 years	624	...	323	124	120	25	24	8	-	2.5
65 years and over	168	...	156	6	6	-	-	-	-	2.0
Other male head	2 371	...	1 070	670	532	86	9	4	-	2.7
Under 65 years	2 337	...	1 053	664	527	80	9	4	-	2.7
65 years and over	34	...	17	6	5	6	-	-	-	...
Female head	2 428	...	1 241	632	425	79	31	16	4	2.5
Under 65 years	2 341	...	1 181	617	413	79	31	16	4	2.5
65 years and over	87	...	60	15	12	-	-	-	-	...
One-person households	5 072	5 072	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	17 110	5 063	6 407	2 775	1 954	599	207	87	18	2.0
Less than 10 percent	541	165	223	65	48	25	10	5	-	2.0
10 to 14 percent	1 843	517	856	268	126	44	28	-	4	2.0
15 to 19 percent	2 530	680	1 053	371	250	99	48	17	10	2.1
20 to 24 percent	2 375	754	913	313	242	93	43	18	-	2.0
25 to 34 percent	2 672	843	1 012	396	251	116	36	17	4	2.1
35 percent or more	6 558	1 831	2 253	1 293	943	196	21	17	-	1.7
Not computed	591	273	97	69	94	26	21	11	-	...

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]

Ann Arbor					Ann Arbor				
	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	135	35	91	9	Vacant for rent	629	408	149	72
ROOMS					ROOMS				
1 to 3 rooms	--	--	--	--	1 room	57	41	13	3
4 rooms	--	--	--	--	2 rooms	60	31	25	4
5 rooms	23	16	2	5	3 rooms	180	153	18	9
6 rooms	28	5	23	--	4 rooms	182	105	42	35
7 rooms or more	84	14	66	4	5 rooms	112	57	43	12
					6 rooms	31	21	4	6
					7 rooms or more	7	--	4	3
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	135	35	91	9	With all plumbing facilities	582	371	139	72
Lacking some or all plumbing facilities	--	--	--	--	Lacking some or all plumbing facilities	47	37	10	--
BEDROOMS					BEDROOMS				
None and 1	--	--	--	--	None	113	76	37	--
2	22	--	22	--	1	357	267	61	29
3	65	21	44	--	2	253	206	16	31
4 or more	38	--	38	--	3 or more	125	78	31	16
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	74	--	74	--	1969 to March 1970	49	27	3	19
1960 to 1968	16	16	--	--	1960 to 1968	268	187	71	10
1950 to 1959	28	17	6	5	1950 to 1959	71	58	9	4
1949 or earlier	17	2	11	4	1949 or earlier	241	136	66	39
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	130	35	91	4	1	69	37	12	20
2 or more	5	--	--	5	2 to 4	108	74	31	3
					5 to 9	208	114	53	41
					10 to 19	67	50	17	--
					20 or more	177	133	36	8
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	7	3	4	--	Specified vacant for rent²	626	405	149	72
Warm-air furnace	125	29	87	9	Less than \$50	4	--	4	--
Built-in electric units	3	3	--	--	\$50 to \$59	15	8	7	--
Floor, wall, or pipeless furnace	--	--	--	--	\$60 to \$79	6	6	--	--
Other means	--	--	--	--	\$80 to \$99	37	31	3	3
None	--	--	--	--	\$100 to \$119	58	36	15	7
					\$120 to \$149	158	116	36	6
SALES PRICE ASKED					\$150 to \$199	200	134	58	8
Specified vacant for sale¹	130	35	91	4	\$200 or more	148	74	26	48
Less than \$5,000	--	--	--	--	Median rent asked	\$159	\$152	\$158	...
\$5,000 to \$9,999	--	--	--	--					
\$10,000 to \$14,999	2	2	--	--					
\$15,000 to \$19,999	2	--	2	--					
\$20,000 to \$24,999	20	17	3	--					
\$25,000 to \$34,999	59	--	59	--					
\$35,000 to \$49,999	22	7	15	--					
\$50,000 or more	25	9	12	4					
Median price asked	\$31 900	...	...	...		

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]

Ann Arbor	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	130	--	2	2	20	59	47	626	19	6	37	216	200	148
PLUMBING FACILITIES														
With all plumbing facilities	125	--	--	22	21	44	38	740	--	--	16	364	254	106
Lacking some or all plumbing facilities	--	--	--	--	--	--	--	92	36	--	40	16	--	--
BEDROOMS														
None and 1	--	--	--	--	--	--	--	470	36	--	56	270	61	47
2	22	--	--	22	--	--	--	253	--	--	--	32	162	59
3	65	--	--	--	21	44	--	93	--	--	--	78	15	--
4 or more	38	--	--	--	--	--	38	16	--	--	--	--	16	--
YEAR STRUCTURE BUILT														
1969 to March 1970	74	--	--	--	--	59	15	49	--	--	--	4	6	39
1960 to 1968	16	--	--	--	11	--	5	268	--	--	16	84	111	57
1950 to 1959	23	--	--	2	6	--	15	71	--	--	--	50	14	7
1949 or earlier	17	--	2	--	3	--	12	238	19	6	21	78	69	45
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	66	--	--	--	21	25	20
2 to 4 .....	...	...	...	...	...	...	...	108	--	6	--	30	42	19
5 to 9 .....	...	...	...	...	...	...	...	275	19	--	15	83	104	54
20 or more .....	...	...	...	...	...	...	...	177	--	--	11	82	29	55
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	112	15	6	30	52	9	--
Some or no utilities included .....	...	...	...	...	...	...	...	514	4	--	7	164	191	148

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.

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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.)

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>• ■ •</p> <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 style="text-align: right;"><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>■</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> <p style="border: 1px solid black; padding: 2px; 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>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>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 style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; border-bottom: 1px solid black;">a4. Block number</th> <th style="width: 50%; border-bottom: 1px solid black;">a5. Serial number</th> </tr> <tr> <td style="text-align: center;">0 0 0 0</td> <td style="text-align: center;">0 0 0 0</td> </tr> <tr> <td style="text-align: center;">1 0 0 0</td> <td style="text-align: center;">1 0 0 0</td> </tr> <tr> <td style="text-align: center;">2 0 0 0</td> <td style="text-align: center;">2 0 0 0</td> </tr> <tr> <td style="text-align: center;">3 0 0 0</td> <td style="text-align: center;">3 0 0 0</td> </tr> <tr> <td style="text-align: center;">4 0 0 0</td> <td style="text-align: center;">4 0 0 0</td> </tr> <tr> <td style="text-align: center;">5 0 0 0</td> <td style="text-align: center;">5 0 0 0</td> </tr> <tr> <td style="text-align: center;">6 0 0 0</td> <td style="text-align: center;">6 0 0 0</td> </tr> <tr> <td style="text-align: center;">7 0 0 0</td> <td style="text-align: center;">7 0 0 0</td> </tr> <tr> <td style="text-align: center;">8 0 0 0</td> <td style="text-align: center;">8 0 0 0</td> </tr> <tr> <td style="text-align: center;">9 0 0 0</td> <td style="text-align: center;">9 0 0 0</td> </tr> </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>■</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 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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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 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

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>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>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>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>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>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>	<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> <p>H25a. Which fuel is used most for cooking?</p> <p><input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for house heating?</p> <p><input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p> <p>c. Which fuel is used most for water heating?</p> <p><input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</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 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> <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>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>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>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

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

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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, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national 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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Social and Economic Statistics Administration
BUREAU OF THE CENSUS
Washington, D.C. 20233

POSTAGE AND FEES PAID
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9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

APPLETON-OSHKOSH, WIS.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-13

1970
CENSUS OF
HOUSING

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

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ACKNOWLEDGMENTS—Many persons participated in the various activities of the 1970 census. Primary direction of the program was performed by Conrad Taeuber, Associate Director for Demographic Fields, assisted by David L. Kaplan, 1970 Census Coordinator, and in conjunction with Paul R. Squires, Associate Director for Data Collection and Processing, and Joseph Waksberg, Acting Associate Director for Statistical Standards and Methodology.

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**APPLETON-OSHKOSH, WIS.
STANDARD METROPOLITAN
STATISTICAL AREA**

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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
16	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	100	Kalamazoo, Mich. SMSA
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
22	Bay City, Mich. SMSA	64	El Paso, Tex. SMSA	106	Lafayette-West Lafayette, Ind. SMSA
23	Beaumont-Port Arthur-Orange, Tex. SMSA	65	Erie, Pa. SMSA	107	Lake Charles, La. SMSA
24	Billings, Mont. SMSA	66	Eugene, Ore. SMSA	108	Lancaster, Pa. SMSA
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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
32	Bristol, Conn. SMSA	74	Fort Smith, Ark.-Okla. SMSA	116	Lima, Ohio SMSA
33	Brockton, Mass. SMSA	75	Fort Wayne, Ind. SMSA	117	Lincoln, Nebr. SMSA
34	Brownsville-Harlingen-San Benito, Tex. SMSA	76	Fort Worth, Tex. SMSA	118	Little Rock-North Little Rock, Ark. SMSA
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
136	Mobile, Ala. SMSA	178	Reno, Nev. SMSA	220	Texarkana, Tex.-Ark. SMSA
137	Modesto, Calif. SMSA	179	Richmond, Va. SMSA	221	Toledo, Ohio-Mich. SMSA
138	Monroe, La. SMSA	180	Roanoke, Va. SMSA	222	Topeka, Kans. SMSA
139	Montgomery, Ala. SMSA	181	Rochester, Minn. SMSA	223	Trenton, N.J. SMSA
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
142	Nashua, N.H. SMSA	184	Sacramento, Calif. SMSA	226	Tuscaloosa, Ala. SMSA
143	Nashville-Davidson, Tenn. SMSA	185	Saginaw, Mich. SMSA	227	Tyler, Tex. SMSA
144	New Bedford, Mass. SMSA	186	St. Joseph, Mo. SMSA	228	Utica-Rome, N.Y. SMSA
145	New Britain, Conn. SMSA	187	St. Louis, Mo.-Ill. SMSA	229	Vallejo-Napa, Calif. SMSA
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152	Norfolk-Portsmouth, Va. SMSA	194	San Diego, Calif. SMSA	236	Wheeling, W. Va.-Ohio SMSA
153	Norwalk, Conn. SMSA	195	San Francisco-Oakland, Calif. SMSA	237	Wichita, Kans. SMSA
154	Odessa, Tex. SMSA	196	San Jose, Calif. SMSA	238	Wichita Falls, Tex. SMSA
155	Ogden, Utah SMSA	197	Santa Barbara, Calif. SMSA	239	Wilkes-Barre-Hazleton, Pa. SMSA
156	Oklahoma City, Okla. SMSA	198	Santa Rosa, Calif. SMSA	240	Wilmington, Del.-N.J.-Md. SMSA
157	Omaha, Nebr.-Iowa SMSA	199	Savannah, Ga. SMSA	241	Wilmington, N.C. SMSA
158	Orlando, Fla. SMSA	200	Scranton, Pa. SMSA	242	Worcester, Mass. SMSA
159	Owensboro, Ky. SMSA	201	Seattle-Everett, Wash. SMSA	243	York, Pa. SMSA
160	Oxnard-Ventura, Calif. SMSA	202	Sherman-Denison, Tex. SMSA	244	Youngstown-Warren, Ohio SMSA
161	Paterson-Clifton-Passaic, N.J. SMSA	203	Shreveport, La. SMSA	245	Caguas, P. R. SMSA
162	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, P. R. SMSA
163	Peoria, Ill. SMSA	205	Sioux Falls, S. Dak. SMSA	247	Ponce, P. R. SMSA
164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, P. R. SMSA
165	Philadelphia, Pa.-N.J. SMSA	207	Spokane, Wash. SMSA		
166	Phoenix, Ariz. SMSA	208	Springfield, Ill. SMSA		
167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		

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	—	—	—	—	—	—	—	—	9	—
Rent asked	—	—	—	10 ¹	—	—	—	—	—	—
Inclusion of utilities in rent	—	—	—	10 ¹	—	10	—	—	9	—
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.

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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

INTRODUCTION—Continued

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

Appleton-Oshkosh, Wis.
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 13.]

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	—	—
Appleton	B	10 to 18	—	—
Oshkosh	C	19 to 27	—	—

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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]

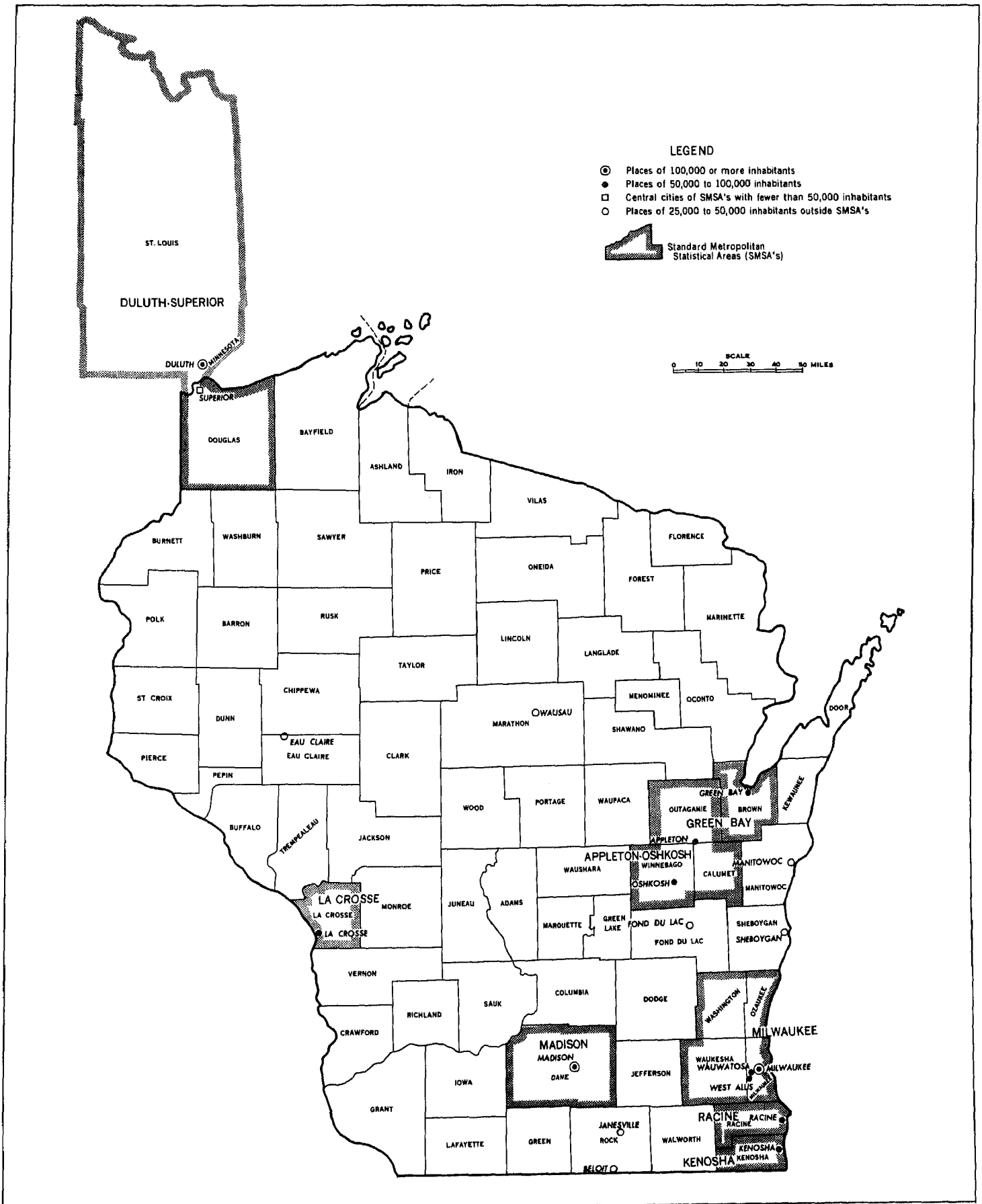
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1	Value of Owner Occupied Housing Units: 1970
2	Gross Rent of Renter Occupied Housing Units: 1970
3	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970
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15	Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
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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



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.

Number 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)

	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)
Applied	47 489	565	1 858	3 504	5 828	6 507	13 478	8 083	5 178	1 808	680	17 000
.....	95	26	—	22	11	6	12	18	—	—	—	...
.....	592	59	141	143	100	84	45	4	16	—	—	9 200
.....	4 998	130	414	596	1 018	976	1 344	350	148	17	5	13 400
.....	14 342	181	545	950	1 404	1 818	5 315	3 106	849	146	28	17 400
.....	13 485	99	371	895	1 691	1 877	3 839	2 656	1 654	294	109	17 400
.....	8 100	50	258	576	1 049	1 148	1 878	1 226	1 390	414	111	17 300
.....	5 877	20	129	322	555	598	1 045	723	1 121	937	427	21 900
.....	5.8	4.9	5.2	5.5	5.7	5.7	5.5	5.7	6.5	7.5	7.5+	...
.....	5 014	193	539	789	945	841	968	383	257	70	29	12 600
.....	13 164	198	700	1 128	1 906	1 924	3 686	1 827	1 122	456	217	15 900
.....	7 049	63	211	497	841	946	2 004	1 331	819	199	138	17 400
.....	7 708	23	142	394	753	927	2 331	1 611	1 036	362	129	18 500
.....	6 085	14	69	221	553	699	1 890	1 343	914	340	42	19 000
.....	8 469	74	197	475	830	1 170	2 599	1 588	1 030	381	125	17 900
.....	3.3	2.0	2.1	2.4	2.6	3.0	3.5	3.8	3.9	4.0	3.2	...
or lodgers	706	15	37	46	136	104	195	92	61	20	—	15 400
PERSONS PER ROOM												
.....	46 603	352	1 457	3 327	5 746	6 426	13 393	8 059	5 155	1 808	680	17 100
.....	22 569	256	1 157	2 001	3 302	3 238	5 757	3 070	2 283	1 013	492	16 100
.....	19 936	53	371	1 063	2 056	2 561	6 153	4 135	2 631	735	178	18 200
.....	3 577	24	99	236	318	562	1 298	746	236	48	10	17 300
.....	521	19	30	27	70	65	185	108	5	12	—	16 200
.....	886	213	201	177	82	81	85	24	23	—	—	7 900
.....	600	137	143	132	67	63	33	14	11	—	—	7 900
.....	227	52	48	35	5	18	47	10	12	—	—	8 500
.....	38	14	5	4	10	—	5	—	—	—	—	...
.....	21	10	5	6	—	—	—	—	—	—	—	...
.....	1 530	54	316	259	291	188	303	95	24	—	—	11 200
.....	10 829	194	689	1 240	1 877	1 950	2 873	1 237	443	278	48	14 300
.....	24 863	123	553	1 349	2 283	3 323	7 749	5 675	2 857	736	215	18 300
.....	11 031	59	192	673	1 214	1 505	2 501	1 705	1 907	936	339	18 700
.....	1 108	9	10	23	—	27	267	192	348	189	43	25 700
.....	4 540	5	10	27	62	120	853	1 445	1 357	502	159	24 100
.....	5 575	12	26	35	109	187	1 619	1 864	1 217	386	120	22 100
.....	11 104	41	155	221	527	1 177	4 309	2 756	1 322	434	162	19 100
.....	5 228	50	197	357	755	1 057	1 857	557	260	79	59	15 500
.....	19 934	448	1 460	2 841	4 375	3 939	4 573	1 269	674	218	137	13 000
.....	39 479	351	1 562	3 156	5 582	5 802	12 154	6 702	3 383	638	149	16 300
.....	6 188	7	51	38	204	413	1 144	1 182	1 735	1 061	353	25 300
.....	414	—	6	—	—	7	28	48	60	59	206	49 700
household	1 318	258	328	264	143	152	114	33	26	—	—	8 200
NON-RELATIVES												
.....	42 475	372	1 319	2 715	4 883	5 666	12 510	7 700	4 921	1 738	651	17 500
.....	38 377	273	1 010	2 322	4 256	5 038	11 408	7 192	4 624	1 658	594	17 800
.....	691	15	24	46	91	221	285	70	35	—	4	15 800
.....	7 472	32	158	345	462	999	2 378	1 822	866	188	22	18 400
.....	9 734	33	121	391	713	1 103	3 056	2 006	1 558	599	154	19 200
.....	15 284	119	330	975	1 793	1 988	4 358	2 759	1 841	786	335	17 700
.....	5 196	74	377	565	997	1 331	827	535	326	85	79	14 300
.....	1 133	33	102	117	189	184	284	99	66	34	25	14 200
.....	794	17	61	57	118	149	239	70	44	29	10	14 900
.....	339	16	41	60	71	35	45	29	22	5	15	11 800
.....	2 965	66	207	276	438	444	818	409	229	56	32	15 300
.....	1 997	22	114	157	274	292	571	323	184	28	32	16 000
.....	1 968	44	93	119	164	152	247	86	45	18	—	13 600
.....	5 814	193	539	789	945	841	968	383	257	70	29	12 600
.....	1 863	35	170	243	349	313	382	224	124	23	—	13 600
.....	3 151	158	369	546	596	528	586	159	133	47	29	12 100
.....	3 103	173	435	495	592	527	573	163	96	23	26	11 900
.....	2 048	71	248	353	455	300	387	156	47	13	18	11 900
.....	1 890	34	138	280	364	320	490	143	105	11	5	13 500
.....	1 621	47	110	220	306	276	375	194	71	12	10	13 700
.....	1 585	10	113	168	264	359	407	158	67	29	10	14 200
.....	1 370	46	115	174	307	277	564	233	116	27	11	15 100
.....	10 472	91	318	885	1 490	1 780	3 495	1 659	659	63	32	15 900
.....	15 094	68	284	746	1 445	1 890	5 090	3 365	1 779	399	28	18 200
.....	7 601	25	91	161	546	680	1 831	1 749	1 668	742	108	21 300
.....	2 205	—	6	22	59	98	266	263	570	489	432	31 800
.....	\$10 400	\$4 100	\$5 000	\$7 200	\$8 300	\$9 000	\$10 400	\$12 000	\$14 000	\$19 400	\$34 400	...
TOTAL												
.....	3 511	50	50	133	232	287	1 062	631	675	313	78	19 700
.....	3 461	31	45	132	333	362	938	685	595	284	56	19 400
.....	2 814	26	116	167	241	269	743	535	498	161	58	19 100
.....	5 328	19	133	276	417	673	1 291	1 183	955	250	131	19 500
.....	9 334	55	218	504	934	1 101	2 913	2 059	1 065	328	157	18 300
.....	13 580	141	495	964	1 858	1 975	4 285	2 269	1 121	326	146	16 500
.....	9 371	294	884	1 288	1 914	1 707	2 208	603	295	96	82	12 900
.....	6 294	10	78	232	485	613	1 478	1 223	1 285	617	273	21 000
.....	37 298	221	1 034	2 467	4 761	5 529	11 463	6 587	3 710	1 150	376	17 000
.....	351	5	—	15	19	20	129	67	66	26	4	19 500
.....	432	37	92	183	119	55	76	43	17	4	6	10 100
.....	2 893	287	654	596	439	290	332	163	100	11	21	9 600
.....	21	5	—	11	5	—	—	—	—	—	—	...
.....	8 576	19	198	367	935	1 148	2 590	1 656	1 168	321	174	18 200
.....	1 653	—	—	24	103	107	317	252	418	284	148	25 600
.....	37 170	597	1 743	3 073	4 891	5 119	10 533	6 057	3 618	1 153	386	16 400

... 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	18 508	837	535	764	1 227	3 142	3 268	3 844	3 268	645	27	951	114
ROOMS													
1 room	716	403	90	70	13	57	33	30	5	-	-	15	50-
2 rooms	705	128	66	66	73	159	68	104	31	-	-	10	82
3 rooms	3 142	138	201	298	377	775	476	497	223	34	3	120	92
4 rooms	6 231	91	102	194	458	1 243	1 158	1 425	1 267	114	-	179	116
5 rooms	4 284	31	44	95	192	609	1 022	984	903	237	-	167	122
6 rooms	1 886	12	18	25	67	193	325	484	433	148	14	167	134
7 rooms	896	18	9	6	34	73	145	187	240	67	-	117	137
8 rooms or more	648	16	5	10	13	33	41	133	166	45	10	176	147
Median	4.2	1.6	3.1	3.3	3.8	4.0	4.4	4.4	4.6	5.2	...	5.4	...
PERSONS													
1 person	4 790	693	366	437	486	1 034	520	526	412	20	5	291	84
2 persons	5 340	59	101	218	365	1 067	1 101	1 145	903	80	3	298	113
3 persons	3 602	39	26	75	192	535	764	975	717	130	9	140	123
4 persons	2 373	20	24	12	114	319	452	573	598	173	-	88	131
5 persons	1 251	14	4	3	37	125	267	298	297	135	5	66	134
6 persons or more	1 152	12	14	19	33	62	164	327	341	107	5	68	142
Median	2.3	1.1	1.2	1.4	1.8	2.0	2.5	2.8	2.9	4.0	...	2.1	...
Units with roomers, boarders, or lodgers	971	31	21	26	65	127	111	173	255	127	-	35	135
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	17 339	372	391	621	1 140	3 031	3 223	3 808	3 257	640	27	829	117
0.51 to 1.00	8 267	215	272	400	661	1 671	1 450	1 539	1 363	136	14	546	109
1.01 to 1.50	8 129	144	105	206	432	1 275	1 543	2 038	1 705	411	13	257	123
1.51 or more	835	9	10	10	40	66	186	210	189	93	-	22	132
Median	1.08	4	4	5	7	19	44	21	-	-	-	4	106
Lacking some or all plumbing facilities													
0.50 or less	1 169	465	144	143	87	111	45	36	11	5	-	122	54
0.51 to 1.00	553	123	65	101	57	63	31	18	11	-	-	84	65
1.01 to 1.50	563	330	70	35	26	37	14	14	-	5	-	32	50-
1.51 or more	38	7	9	7	-	11	-	4	-	-	-	-	...
Median	15	5	-	-	4	-	-	-	-	-	-	6	...
BEDROOMS													
None	932	355	120	115	34	93	76	121	-	-	-	18	59
1	4 625	314	176	360	736	1 067	755	868	1 23	18	16	192	92
2	8 280	52	99	257	478	1 497	1 765	1 988	1 618	184	-	342	118
3 or more	4 547	20	19	17	35	409	826	942	1 376	456	37	410	144
YEAR STRUCTURE BUILT													
1969 to March 1970	806	76	12	10	-	5	-	98	489	88	4	24	169
1965 to 1968	1 834	32	-	5	6	25	97	512	890	195	5	67	162
1960 to 1964	1 299	-	5	18	5	51	102	514	430	74	-	100	144
1950 to 1959	1 315	28	16	15	69	199	203	321	316	44	5	99	127
1940 to 1949	1 822	29	17	56	103	504	399	409	197	35	-	73	108
1939 or earlier	11 432	672	485	660	1 044	2 358	2 467	1 990	946	209	13	588	102
ELEVATOR IN STRUCTURE													
4 floors or more	118	17	-	51	-	17	17	-	-	-	-	16	...
With elevator	102	17	-	51	-	17	17	-	-	-	-	-	...
Walk-up	16	-	-	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	18 266	724	414	698	1 283	3 049	3 405	3 919	3 117	658	53	946	115
COMPLETE BATHROOMS													
1 and 1 1/2	16 429	327	412	566	1 042	2 884	3 064	3 709	3 178	581	12	654	117
2 or more	631	31	8	16	20	34	38	68	153	87	7	169	155
None or also used by another household	1 492	506	164	175	119	218	57	87	19	-	-	147	60
INCOME IN 1969													
Less than \$2,000	2 451	347	154	226	167	424	278	236	243	127	5	244	90
\$2,000 to \$2,999	1 337	121	97	95	174	213	164	229	91	48	-	105	89
\$3,000 to \$3,999	1 199	87	46	44	137	245	188	213	131	27	3	78	100
\$4,000 to \$4,999	1 075	54	49	91	85	214	184	200	154	10	5	29	103
\$5,000 to \$5,999	1 240	44	38	49	108	244	250	229	185	18	-	75	108
\$6,000 to \$6,999	1 354	54	38	58	109	287	284	264	189	10	-	61	107
\$7,000 to \$9,999	4 844	91	70	136	279	938	953	1 210	904	102	-	161	117
\$10,000 to \$14,999	3 832	25	43	56	133	461	832	947	1 014	173	-	148	129
\$15,000 to \$24,999	983	-	-	9	30	101	120	271	304	107	-	41	143
\$25,000 or more	193	14	-	-	5	15	15	45	53	23	14	9	149
Median	\$7 500	\$2 600	\$3 400	\$4 200	\$5 500	\$6 800	\$7 900	\$8 400	\$9 100	\$9 400	...	\$5 300	...
YEAR MOVED INTO UNIT													
1969 to March 1970	8 323	348	164	171	333	1 163	1 369	1 979	2 149	517	6	124	128
1968	2 730	122	36	97	206	449	520	589	527	96	-	88	116
1967	1 572	56	29	77	77	372	327	392	183	13	-	46	109
1965 and 1966	2 045	63	124	115	189	356	367	406	287	22	-	116	106
1960 to 1964	1 676	115	63	136	104	440	274	301	104	12	-	127	95
1950 to 1959	1 421	105	101	103	193	220	177	172	58	-	13	279	87
1949 or earlier	785	55	67	58	79	136	125	25	42	8	-	190	85
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 584	217	113	125	188	374	250	214	90	13	-	...	88
10 to 14 percent	3 956	121	87	162	350	1 000	1 003	779	377	63	14	...	105
15 to 19 percent	3 580	115	57	137	137	548	737	977	820	80	-	...	123
20 to 24 percent	2 216	51	55	32	110	268	363	601	624	112	-	...	131
25 to 34 percent	2 125	90	49	59	151	277	309	461	600	109	-	...	127
35 percent or more	3 928	208	144	273	287	632	588	791	733	264	8	...	114
Not computed	1 119	35	10	4	4	43	18	21	24	4	5	951	94
AIR CONDITIONING													
Room unit(s)	3 363	24	55	121	136	483	490	755	1 004	148	6	141	132
Central system	298	16	7	-	7	13	9	8	175	56	-	7	174
None	14 891	824	522	636	1 038	2 640	2 660	3 101	2 171	464	13	822	110

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 to	\$3,000 to	\$4,000 to	\$5,000 to	\$6,000 to	\$7,000 to	\$10,000 to	\$15,000 to	\$25,000 or more	Median (dollars)
		\$2,000	\$2,999	\$3,999	\$4,999	\$5,999	\$6,999	\$9,999	\$14,999	\$24,999		
Owner occupied housing units	58 803	4 272	2 800	2 524	2 264	2 187	2 505	13 001	17 665	8 970	2 615	10 000
ROOMS												
1 and 2 rooms	250	52	38	16	28	14	5	50	28	10	9	4 700
3 rooms	1 115	253	150	117	76	59	90	195	135	26	14	4 500
4 rooms	7 033	903	634	587	424	377	377	1 645	1 536	473	77	7 400
5 rooms	16 662	1 183	811	671	562	632	776	4 248	5 527	1 970	282	9 600
6 rooms	15 682	882	633	520	507	464	692	3 723	5 097	2 581	613	10 400
7 rooms or more	18 061	999	534	613	667	641	595	3 140	5 342	3 910	1 620	11 700
PERSONS												
1 person	6 564	2 427	1 162	704	548	464	306	548	263	104	40	2 700
2 persons	16 390	1 189	1 321	1 391	1 131	966	1 126	3 206	3 864	1 566	630	8 000
3 and 4 persons	18 317	374	226	285	383	461	650	4 799	6 635	3 613	891	11 500
5 persons	7 165	114	47	57	68	133	197	1 938	2 820	1 430	361	11 800
6 persons or more	10 365	168	44	87	134	163	226	2 510	4 083	2 257	693	12 300
Units with roomers, boarders, or lodgers	903	237	82	56	43	63	29	149	169	69	6	5 500
BEDROOMS												
Less than 3	16 503	2 280	1 446	1 176	1 061	761	1 206	3 315	3 574	1 350	334	7 300
3	28 253	1 163	1 088	978	922	847	1 373	7 172	9 069	4 557	1 084	10 300
4 or more	14 257	904	332	492	526	423	289	2 469	4 283	3 365	1 174	12 000
YEAR STRUCTURE BUILT												
1969 to March 1970	1 491	30	18	10	19	50	94	427	516	245	82	10 900
1960 to 1968	11 688	350	161	226	181	294	402	2 591	4 366	2 336	781	11 900
1950 to 1959	11 880	431	399	422	397	312	389	2 618	4 124	2 172	616	11 200
1949 or earlier	33 744	3 461	2 222	1 866	1 667	1 531	1 620	7 365	8 659	4 217	1 136	8 800
YEAR MOVED INTO UNIT												
1969 to March 1970	4 531	182	77	141	73	164	210	1 232	1 711	558	183	10 500
1968	4 242	151	93	79	65	118	111	1 084	1 580	775	186	11 300
1960 to 1967	20 000	816	393	549	476	603	691	5 128	6 952	3 392	1 000	11 000
1959 or earlier	30 030	3 123	2 244	1 773	1 566	1 349	1 365	5 613	7 571	4 155	1 271	8 900
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	42 306	1 830	1 140	1 350	1 346	1 094	1 799	9 508	13 855	8 099	2 285	11 100
Clothes dryer	42 510	1 470	905	1 161	1 111	995	1 890	9 925	14 291	8 468	2 294	11 300
Dishwasher	11 634	315	129	66	177	216	226	1 783	3 556	3 552	1 614	14 100
Home food freezer	29 941	1 396	934	1 096	989	941	1 423	6 347	9 845	5 350	1 620	10 900
Owned second home	4 137	140	69	76	211	109	187	872	1 292	839	342	11 600
With air conditioning	11 838	394	380	452	361	296	414	2 360	3 563	2 451	1 167	11 800
Room unit(s)	10 001	321	361	397	338	259	366	2 137	3 178	1 916	728	11 300
Central system	1 837	73	19	55	23	37	48	223	385	535	439	16 000
Automobiles available:												
1	30 795	1 940	1 676	1 701	1 579	1 618	1 733	8 614	8 815	2 661	458	8 800
2	20 178	352	164	236	261	311	440	3 787	8 091	4 885	1 651	12 800
3 or more	3 040	35	11	24	35	39	68	338	742	1 253	495	16 800
Renter occupied housing units	19 595	2 547	1 395	1 274	1 139	1 310	1 466	5 064	4 105	1 076	219	7 400
ROOMS												
1 room	720	247	128	74	49	30	45	107	31	4	5	2 900
2 rooms	705	175	61	69	67	51	62	159	48	13	-	4 700
3 rooms	3 183	745	292	240	253	285	224	626	400	96	22	5 200
4 rooms	6 315	703	440	410	417	423	519	1 718	1 542	295	48	7 400
5 rooms	4 402	344	246	267	190	281	342	1 288	1 126	265	53	8 200
6 rooms or more	4 270	333	228	214	163	240	274	1 166	1 158	403	91	8 800
PERSONS												
1 person	4 902	1 459	669	524	430	334	355	738	267	93	33	3 600
2 persons	5 540	507	409	379	356	418	419	1 335	1 336	319	62	7 600
3 and 4 persons	6 280	468	240	253	234	403	465	2 081	1 683	410	43	8 600
5 persons	1 401	85	50	65	74	62	81	467	395	94	28	8 800
6 persons or more	1 472	28	27	53	45	93	146	443	424	160	53	9 300
Units with roomers, boarders, or lodgers	1 001	318	155	103	72	50	73	146	70	14	-	3 300
BEDROOMS												
None	932	294	142	122	21	59	109	149	18	18	-	3 200
1	4 660	1 048	448	320	276	416	391	1 029	526	206	70	5 600
2	8 525	1 046	561	440	718	478	449	2 413	1 845	505	70	7 700
3 or more	5 602	298	173	142	210	221	495	1 785	1 630	520	128	9 100
YEAR STRUCTURE BUILT												
1969 to March 1970	815	157	31	51	28	52	49	147	222	60	18	7 800
1960 to 1968	3 165	241	137	228	158	215	153	818	902	267	46	8 700
1950 to 1959	1 333	91	59	79	99	55	102	358	555	118	17	8 500
1949 or earlier	14 282	2 058	1 168	916	854	988	1 162	3 741	2 626	631	138	7 000
YEAR MOVED INTO UNIT												
1969 to March 1970	8 595	1 065	641	628	448	640	680	2 188	1 820	396	89	7 300
1968	2 823	215	150	157	136	125	164	970	752	119	35	8 400
1960 to 1967	5 603	667	313	349	355	414	473	1 409	1 185	369	69	7 500
1959 or earlier	2 574	549	308	230	154	214	144	417	380	143	35	5 200
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	18 508	2 451	1 337	1 199	1 075	1 240	1 354	4 844	3 832	983	193	7 400
Less than 15 percent	5 540	-	14	42	65	110	264	1 640	2 363	858	184	11 300
15 to 19 percent	3 580	12	58	64	137	255	378	1 573	1 024	79	-	8 700
20 to 24 percent	2 216	20	59	92	221	267	290	1 000	262	5	-	7 500
25 to 34 percent	2 125	72	185	343	333	387	328	442	35	-	-	5 300
35 percent or more	3 928	1 935	916	580	290	146	33	28	-	-	-	2 000
Not computed	1 119	412	105	78	29	75	61	161	148	41	9	3 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	9 231	631	349	391	505	537	632	2 925	2 391	696	174	8 600
Clothes dryer	8 214	501	230	348	394	474	563	2 618	2 207	705	174	8 800
Dishwasher	1 241	75	18	-	71	24	91	279	443	148	92	10 700
Home food freezer	3 775	342	138	213	252	130	261	970	1 053	341	75	8 700
Owned second home	802	104	-	82	97	-	57	142	164	91	65	8 300
With air conditioning	3 729	284	219	219	157	241	190	964	1 153	250	102	8 900
Room unit(s)	3 424	257	148	186	150	184	185	937	1 051	239	87	8 900
Central system	305	27	21	33	7	57	5	27	102	11	15	7 300
Automobiles available:												
1	11 404	786	663	718	711	994	985	3 579	2 448	425	95	7 700
2	4 126	193	92	134	126	173	283	1 062	1 481	462	120	10 000
3 or more	745	139	75	56	34	62	12	141	115	105	6	6 500

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					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	58 803	57 270	28 209	24 143	4 262	656	1 533	1 020	397	69	47
PERSONS											
1 person	6 566	6 054	6 044	10	--	--	512	470	42	--	--
2 persons	16 390	15 919	15 491	423	--	5	471	414	52	--	5
3 persons	9 014	8 750	4 850	3 872	28	--	264	113	141	5	5
4 persons	9 303	9 230	1 390	7 792	48	--	73	11	57	--	5
5 persons	7 165	7 092	434	6 433	205	20	73	12	61	--	5
6 persons or more	10 365	10 225	--	5 613	3 981	631	140	--	44	64	32
Median	3.2	3.3	2.0	4.5	7.0	7.5+	2.0	1.6	3.2	...	...
Units with roomers, boarders, or lodgers	903	872	443	374	45	10	31	20	11	--	--
YEAR STRUCTURE BUILT											
1969 to March 1970	1 449	1 430	588	779	56	7	19	6	13	--	--
1965 to 1968	5 250	5 208	1 741	3 021	405	41	42	7	28	--	7
1960 to 1964	6 155	6 126	2 020	3 373	680	53	29	12	17	--	--
1950 to 1959	11 820	11 710	5 069	5 318	1 141	182	110	64	39	--	7
1940 to 1949	5 759	5 645	2 916	2 246	435	48	114	49	59	--	6
1939 or earlier	28 370	27 009	15 715	9 549	1 486	259	1 361	991	256	74	40
INCOME IN 1969											
Less than \$2,000	4 272	3 849	3 282	526	36	5	423	386	32	--	5
\$2,000 to \$2,999	2 800	2 649	2 399	221	29	--	151	123	28	--	5
\$3,000 to \$3,999	2 524	2 394	2 056	285	43	10	130	107	18	--	5
\$4,000 to \$4,999	2 264	2 154	1 747	366	41	--	110	66	39	5	--
\$5,000 to \$5,999	2 187	2 092	1 565	461	60	6	95	56	29	10	--
\$6,000 to \$6,999	2 505	2 373	1 562	697	88	26	132	58	55	14	5
\$7,000 to \$9,999	13 001	12 741	4 868	6 529	1 219	125	260	141	86	16	17
\$10,000 to \$14,999	17 665	17 540	6 152	9 259	1 828	301	125	30	77	13	5
\$15,000 to \$24,999	8 970	8 882	3 295	4 672	764	151	88	38	29	11	10
\$25,000 or more	2 615	2 596	1 283	1 127	154	32	19	15	4	--	--
Median	\$10 000	\$10 100	\$7 900	\$11 600	\$11 700	\$12 600	\$4 600	\$3 000	\$7 000	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	47 489	46 603	22 569	19 936	3 577	521	886	600	227	38	21
Less than 1.5	17 145	16 814	6 439	8 431	1 424	320	331	156	126	28	21
1.5 to 1.9	10 714	10 601	3 976	5 342	1 147	136	113	72	36	5	--
2.0 to 2.4	6 495	6 432	2 846	3 111	441	34	63	49	9	--	--
2.5 to 2.9	3 418	3 348	1 792	1 370	167	19	70	60	10	--	--
3.0 to 3.9	3 420	3 360	2 169	1 061	130	--	60	55	5	--	--
4.0 or more	6 001	5 764	5 122	567	63	12	237	200	37	--	--
Not computed	296	284	225	54	5	--	12	8	4	--	--
HEATING EQUIPMENT											
Steam or hot water	7 852	7 794	3 956	3 302	444	92	58	40	13	5	--
Warm-air furnace	45 351	44 676	21 455	19 226	3 500	495	675	444	193	28	10
Built-in electric units	470	470	262	198	10	--	--	--	--	--	--
Floor, wall, or pipeless furnace	894	828	501	279	43	5	66	26	40	--	--
Other means	4 206	3 491	2 030	1 132	265	64	715	496	146	36	37
None	30	11	5	6	--	--	19	14	5	--	--
Renter occupied housing units	19 593	18 260	8 644	8 577	912	127	1 335	638	602	54	41
PERSONS											
1 person	4 902	4 049	3 764	285	--	--	853	465	388	--	--
2 persons	5 540	5 268	4 028	1 215	--	25	272	146	112	--	14
3 persons	3 703	3 643	687	2 916	32	8	60	24	36	--	--
4 persons	2 577	2 539	135	2 336	68	--	38	3	26	4	5
5 persons	1 401	1 368	30	1 115	219	4	33	--	17	11	5
6 persons or more	1 472	1 393	--	710	593	90	79	--	23	39	17
Median	2.4	2.5	1.6	3.5	6.0	7.4	1.3	1.2	1.3	...	...
Units with roomers, boarders, or lodgers	1 001	950	351	531	53	15	51	9	37	5	--
YEAR STRUCTURE BUILT											
1969 to March 1970	850	850	431	411	8	--	--	--	--	--	--
1965 to 1968	1 904	1 890	825	970	95	--	14	8	6	--	--
1960 to 1964	1 297	1 297	598	625	66	--	--	--	--	--	--
1950 to 1959	1 346	1 300	525	662	113	--	46	15	31	--	--
1940 to 1949	1 877	1 793	823	887	59	24	84	27	35	17	5
1939 or earlier	12 321	11 144	5 468	4 988	604	84	1 177	573	544	34	26
INCOME IN 1969											
Less than \$2,000	2 547	2 085	1 326	693	50	16	462	281	171	--	10
\$2,000 to \$2,999	1 395	1 211	782	398	31	--	184	84	96	--	4
\$3,000 to \$3,999	1 274	1 167	726	418	18	5	107	44	52	11	--
\$4,000 to \$4,999	1 139	1 024	594	373	41	16	115	58	45	7	5
\$5,000 to \$5,999	1 310	1 235	659	524	55	--	75	28	32	9	6
\$6,000 to \$6,999	1 466	1 360	669	588	97	6	106	48	46	12	--
\$7,000 to \$9,999	5 064	4 872	1 822	2 759	261	30	192	66	109	6	11
\$10,000 to \$14,999	4 105	4 046	1 555	2 184	258	49	59	19	26	9	5
\$15,000 to \$24,999	1 076	1 055	419	546	85	5	21	6	15	--	--
\$25,000 or more	219	205	95	94	16	--	14	4	10	--	--
Median	\$7 400	\$7 600	\$6 400	\$8 400	\$8 900	\$9 100	\$3 200	\$2 500	\$3 700	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	18 508	17 339	8 267	8 129	835	108	1 169	553	563	38	15
Less than 10 percent	1 584	1 396	586	667	116	27	188	55	117	11	5
10 to 14 percent	3 956	3 766	1 612	1 555	155	24	190	62	117	11	--
15 to 19 percent	3 580	3 427	1 923	1 923	201	17	153	70	76	7	--
20 to 24 percent	2 216	2 146	939	1 109	93	--	70	34	36	--	--
25 to 34 percent	2 125	2 035	1 018	878	129	10	90	47	30	--	--
35 percent or more	3 928	3 600	2 095	1 365	119	21	328	184	144	9	4
Not computed	1 119	969	631	312	22	4	150	101	43	--	6
HEATING EQUIPMENT											
Steam or hot water	3 883	3 561	1 879	1 545	128	9	322	73	249	--	--
Warm-air furnace	11 632	11 160	5 003	5 514	557	86	472	237	223	7	5
Built-in electric units	398	398	185	181	32	--	--	--	--	--	--
Floor, wall, or pipeless furnace	618	591	298	248	45	--	27	7	20	--	--
Other means	3 061	2 547	1 276	1 089	150	32	514	321	110	47	36
None	3	3	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-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		58 803	71	179	1 115	7 033	16 662	15 682	9 753	8 308	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		56 579	27	95	912	6 516	16 127	15 155	9 524	8 223	5.8
PERSONS											
1 person		6 566	52	89	459	1 569	1 804	1 353	804	436	5.1
2 persons		16 390	10	44	431	3 387	5 228	3 951	2 002	1 337	5.3
3 persons		9 014	5	33	134	1 118	2 761	2 436	1 508	1 019	5.7
4 persons		9 303	—	5	48	618	2 873	2 795	1 563	1 401	5.9
5 persons		7 165	—	3	17	205	1 999	2 200	1 480	1 261	6.1
6 persons or more		10 365	4	5	26	136	1 997	2 947	2 396	2 854	6.5
Median		3.2	...	1.5	1.7	2.1	3.0	3.5	3.9	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		57 270	19	120	958	6 778	16 280	15 418	9 583	8 114	5.8
0.50 or less		28 209	—	45	373	4 773	6 809	7 556	4 184	4 469	5.8
0.51 to 1.00		24 143	10	39	505	1 664	7 526	6 329	4 746	3 324	5.9
1.01 to 1.50		4 262	—	28	48	273	1 662	1 381	554	316	5.6
1.51 or more		656	9	8	32	68	283	152	99	5	5.2
Lacking some or all plumbing facilities		1 533	52	59	157	255	382	264	170	194	5.1
0.50 or less		1 020	—	44	86	183	223	184	130	170	5.4
0.51 to 1.00		397	42	5	60	72	107	58	34	19	4.7
1.01 to 1.50		69	—	—	—	—	42	17	—	5	...
1.51 or more		47	10	5	11	—	10	5	6	—	...
BEDROOMS											
None and 1		2 521	54	242	906	894	329	60	17	19	3.6
2		13 982	—	—	244	6 508	5 067	1 422	641	100	4.5
3		28 253	—	—	—	287	11 057	11 608	4 019	1 282	5.7
4 or more		14 257	—	—	—	—	162	2 869	4 884	6 342	7.3
YEAR STRUCTURE BUILT											
1969 to March 1970		1 491	—	7	18	256	499	289	192	230	5.4
1960 to 1968		11 688	24	33	196	1 170	4 000	3 124	1 580	1 561	5.6
1950 to 1959		11 880	—	55	168	1 999	4 925	2 894	1 187	652	5.3
1949 or earlier		33 744	47	84	733	3 608	7 238	9 375	6 794	5 865	6.1
COMPLETE BATHROOMS											
1 and 1 1/2		48 842	27	100	887	6 275	14 946	13 236	7 795	5 576	5.7
2 or more		7 865	—	7	46	267	1 208	1 954	1 729	2 654	6.8
None or also used by another household		2 096	55	54	175	345	531	426	238	272	5.3
VALUE-INCOME RATIO											
Specified owner occupied ¹		47 489	26	69	592	4 998	14 342	13 485	8 100	5 877	5.8
Less than 1.5		17 145	—	34	206	1 641	4 697	4 941	3 239	2 387	5.9
1.5 to 1.9		10 714	4	13	90	845	3 491	3 232	1 879	1 160	5.8
2.0 to 2.9		9 913	4	5	77	861	3 233	2 819	1 639	1 275	5.8
3.0 or more		9 421	18	17	215	1 604	2 815	2 442	1 296	1 014	5.5
Not computed		296	—	—	4	47	106	51	47	41	5.4
Renter occupied housing units											
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		19 595	720	705	3 183	6 315	4 402	2 163	1 105	1 002	4.3
17 664		129	477	2 841	5 922	4 253	1 991	1 087	964	4.4	
PERSONS											
1 person		4 902	673	512	1 570	1 351	508	156	75	57	3.3
2 persons		5 540	39	156	1 171	2 121	1 319	413	186	135	4.2
3 persons		3 703	8	32	339	1 638	975	434	152	125	4.4
4 persons		2 577	—	5	72	923	793	425	221	138	4.9
5 persons		1 401	—	—	9	230	461	356	189	156	5.5
6 persons or more		1 472	—	—	22	52	346	379	282	391	6.3
Median		2.4	1.0	1.2	1.5	2.4	2.9	3.7	4.1	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		18 260	318	541	2 890	6 149	4 272	2 058	1 069	963	4.4
0.50 or less		8 644	—	378	1 385	3 358	1 733	936	391	463	4.3
0.51 to 1.00		8 577	285	131	1 417	2 531	2 204	944	626	439	4.5
1.01 to 1.50		912	—	32	68	245	302	163	41	61	4.9
1.51 or more		127	33	—	20	15	33	15	11	—	4.2
Lacking some or all plumbing facilities		1 335	402	164	293	166	130	105	34	39	2.8
0.50 or less		638	—	134	185	114	94	67	22	22	3.5
0.51 to 1.00		602	388	25	93	30	25	22	7	12	1.3
1.01 to 1.50		54	—	—	4	18	11	16	—	5	...
1.51 or more		41	14	5	11	4	—	—	7	—	...
BEDROOMS											
None		932	760	152	20	—	—	—	—	—	1.1
1		4 660	—	573	2 715	1 187	143	42	—	—	3.1
2		8 525	—	—	247	5 192	2 415	495	119	57	4.3
3 or more		5 602	—	—	—	78	1 747	1 913	914	950	6.0
YEAR STRUCTURE BUILT											
1969 to March 1970		815	41	43	135	362	191	34	5	4	4.0
1960 to 1968		3 165	—	163	614	1 386	648	191	51	70	4.1
1950 to 1959		1 333	—	34	160	613	296	160	32	9	4.2
1949 or earlier		14 282	608	465	2 274	3 954	3 267	1 778	1 017	919	4.5
COMPLETE BATHROOMS											
1 and 1 1/2		17 277	273	492	2 889	5 902	4 115	1 855	983	768	4.3
2 or more		659	8	7	25	34	138	136	104	207	6.4
None or also used by another household		1 659	434	189	333	304	178	117	55	49	3.1
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²		18 508	716	705	3 142	6 231	4 284	1 886	896	648	4.3
Less than 10 percent		1 584	124	54	288	504	382	142	72	18	4.1
10 to 14 percent		3 956	146	124	594	1 434	898	417	219	124	4.3
15 to 19 percent		3 580	72	149	488	1 231	961	399	164	116	4.4
20 to 24 percent		2 216	65	48	349	732	613	235	115	59	4.4
25 to 34 percent		2 125	69	91	326	759	521	216	74	69	4.3
35 percent or more		3 928	220	203	933	1 346	728	292	125	81	4.0
Not computed		1 119	20	36	164	225	181	185	127	181	5.1

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	58 803	54 155	3 348	1 300	19 595	7 105	7 398	2 152	982	954	902	102
ROOMS												
1 room	71	36	4	31	720	65	12	63	117	222	236	5
2 rooms	179	92	50	37	705	82	107	173	148	99	96	—
3 rooms	1 115	681	265	169	3 183	398	1 395	644	268	213	249	16
4 rooms	7 033	5 323	979	731	6 315	1 352	3 247	825	325	226	269	71
5 rooms	16 662	15 295	1 112	255	4 402	1 710	2 006	372	108	158	43	5
6 rooms	15 682	15 074	545	63	2 163	1 577	486	56	5	30	9	—
7 rooms	9 753	9 568	171	14	1 105	996	88	11	5	—	5	—
8 rooms or more	8 308	8 086	222	—	1 002	925	57	8	6	—	—	—
Median	5.8	5.9	4.8	4.1	4.3	5.5	4.2	3.7	3.3	3.2	3.0	3.9
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	57 270	52 916	3 126	1 228	18 260	6 684	7 137	1 960	815	763	804	97
0.50 or less	28 209	25 707	1 951	551	8 644	2 772	3 555	1 095	427	387	358	50
0.51 to 1.00	24 143	22 553	982	608	8 577	3 309	3 321	794	377	341	393	42
1.01 to 1.50	4 262	4 037	161	64	912	528	231	63	7	25	53	5
1.51 or more	656	619	32	5	127	75	30	8	4	10	—	—
Lacking some or all plumbing facilities	1 533	1 239	222	72	1 335	421	261	192	167	191	98	5
0.50 or less	1 020	850	144	26	638	248	172	121	76	16	—	5
0.51 to 1.00	397	287	69	41	602	91	84	67	91	171	98	—
1.01 to 1.50	69	60	—	—	54	50	—	4	—	—	—	—
1.51 or more	47	42	—	5	41	32	5	—	—	4	—	—
BEDROOMS												
None	104	77	27	—	932	57	36	136	182	300	221	—
1	2 417	1 680	619	118	4 660	705	2 006	910	451	252	321	15
2	13 982	11 603	1 403	976	8 525	2 179	4 311	905	409	332	252	137
3	28 253	27 247	841	165	4 041	2 926	751	263	41	60	—	—
4 or more	14 257	13 992	265	—	1 561	1 439	104	—	—	—	—	18
YEAR STRUCTURE BUILT												
1969 to March 1970	1 491	1 207	45	239	815	76	216	85	130	121	177	10
1965 to 1968	5 397	4 783	96	518	1 857	310	363	291	164	325	372	32
1960 to 1964	6 291	5 841	125	325	1 308	377	321	257	110	150	69	24
1950 to 1959	11 880	11 579	145	156	1 333	716	414	123	39	25	—	16
1940 to 1949	5 739	5 579	139	21	1 930	997	671	178	75	9	—	—
1939 or earlier	28 005	25 166	2 798	41	12 352	4 629	5 413	1 218	464	324	284	20
INCOME IN 1969												
Less than \$2,000	4 272	3 642	515	115	2 547	678	890	356	197	162	254	10
\$2,000 to \$2,999	2 800	2 412	312	76	1 395	380	587	181	68	69	105	5
\$3,000 to \$3,999	2 524	2 236	241	47	1 274	379	460	175	110	74	65	11
\$4,000 to \$4,999	2 264	2 020	203	41	1 139	293	458	185	66	96	26	15
\$5,000 to \$5,999	2 187	1 955	185	47	1 310	501	464	123	103	70	38	11
\$6,000 to \$6,999	2 505	2 220	164	121	1 466	528	632	162	51	35	49	9
\$7,000 to \$9,999	13 001	11 909	682	410	5 064	1 900	2 110	452	225	208	136	33
\$10,000 to \$14,999	17 665	16 595	709	361	4 105	1 818	1 442	412	112	174	144	3
\$15,000 to \$24,999	8 970	8 615	282	73	1 076	524	307	84	45	48	68	5
\$25,000 or more	2 615	2 551	55	9	219	104	48	22	5	18	17	5
Median	\$10 000	\$10 200	\$7 200	\$8 500	\$7 400	\$8 300	\$7 300	\$6 300	\$5 500	\$6 200	\$5 000	\$5 900
YEAR MOVED INTO UNIT												
1969 to March 1970	4 531	3 815	251	465	8 595	2 583	3 269	1 025	523	591	566	38
1968	4 242	3 720	226	296	2 823	1 008	1 032	340	161	119	154	9
1967	3 197	3 011	66	120	1 682	630	740	166	46	68	18	14
1965 and 1966	6 103	5 755	262	86	2 114	897	775	199	83	105	55	—
1960 to 1964	10 700	10 066	406	228	1 807	767	645	214	67	35	58	21
1950 to 1959	14 699	13 886	728	85	1 368	528	591	129	55	28	37	—
1949 or earlier	15 331	13 851	1 449	31	1 206	701	353	83	30	11	28	—
GROSS RENT												
Specified renter occupied ¹	18 508	6 018	7 398	2 152	982	954	902	102				
Less than \$50	837	130	167	79	122	196	138	5				
\$50 to \$59	535	101	203	102	46	19	64					
\$60 to \$69	764	104	363	141	72	19	60					
\$70 to \$79	1 227	321	637	152	62	29	22					
\$80 to \$99	3 142	749	1 649	512	127	38	50					
\$100 to \$119	3 268	983	1 704	348	117	62	49					
\$120 to \$149	3 844	1 336	1 460	449	199	216	150					
\$150 to \$199	3 268	1 257	818	335	219	324	311					
\$200 to \$299	645	334	184	21	13	40	53					
\$300 or more	27	15	—	—	—	—	—					
No cash rent	951	688	210	4	5	—	—					
Median	\$114	\$126	\$107	\$105	\$110	\$135	\$133					
HEATING EQUIPMENT												
Steam or hot water	7 852	7 247	592	13	3 883	711	1 034	636	416	547	534	5
Warm-air furnace	45 351	41 872	2 375	1 104	11 632	4 528	4 870	1 191	366	347	251	79
Built-in electric units	470	419	34	17	398	78	79	54	45	35	99	8
Floor, wall, or pipeless furnace	894	796	76	22	618	305	212	62	22	6	11	—
Other means	4 206	3 791	271	144	3 061	1 483	1 200	209	133	19	7	10
None	30	30	—	—	3	—	3	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	10 001	9 083	721	197	3 424	1 000	1 057	390	216	366	380	15
Central system	1 837	1 745	34	58	305	54	45	63	24	85	34	—
None	46 965	43 276	2 633	1 056	15 866	6 060	6 303	1 703	725	506	502	67
AUTOMOBILES AVAILABLE												
1	30 795	28 078	1 836	881	11 404	3 919	4 655	1 120	519	587	541	63
2	20 178	19 056	769	353	4 126	2 046	1 226	465	161	140	82	6
3 or more	3 040	2 939	77	24	745	323	193	81	67	27	54	—
None	4 790	4 031	706	53	3 320	826	1 331	490	218	203	239	13

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	58 803	1 073	8 931	11 328	19 042	6 629	1 112	513	2 404	1 205	2 536	4 030	
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	57 270	1 044	8 858	11 253	18 739	6 358	1 044	458	2 348	1 114	2 351	3 703	
0.50 or less	28 209	498	1 655	1 474	9 638	5 572	607	372	1 363	986	2 351	3 693	
0.51 to 1.00	24 143	541	6 193	7 243	7 901	758	384	81	908	124	—	10	
1.01 to 1.50	4 262	5	929	2 132	1 045	28	47	5	67	4	—	—	
1.51 or more	656	—	81	404	155	—	6	—	10	—	—	—	
Lacking some or all plumbing facilities	1 533	29	73	75	303	271	68	55	56	91	185	327	
0.50 or less	1 020	14	7	—	127	205	40	45	25	8	156	314	
0.51 to 1.00	397	15	39	37	135	61	23	10	31	4	29	13	
1.01 to 1.50	69	—	5	28	36	—	—	—	—	—	—	—	
1.51 or more	47	—	22	10	5	5	—	—	—	—	—	—	
UNITS IN STRUCTURE													
1	54 155	751	8 179	10 896	18 088	6 029	1 025	455	2 176	1 081	2 093	3 382	
2 or more	3 348	68	415	320	756	537	47	54	149	120	293	589	
Mobile home or trailer	1 300	254	337	112	198	63	40	4	79	4	150	59	
INCOME IN 1969													
Less than \$2,000	4 272	45	99	112	281	620	76	75	284	253	439	1 988	
\$2,000 to \$2,999	2 800	10	45	31	210	949	36	77	180	100	266	896	
\$3,000 to \$3,999	2 524	30	47	69	249	1 014	60	53	172	126	269	435	
\$4,000 to \$4,999	2 264	41	66	80	354	835	38	44	173	85	312	236	
\$5,000 to \$5,999	2 187	36	179	179	432	513	29	59	220	76	300	164	
\$6,000 to \$6,999	2 505	42	318	218	818	416	93	20	198	76	218	88	
\$7,000 to \$9,999	13 001	450	3 405	2 624	3 853	926	307	83	587	218	428	120	
\$10,000 to \$14,999	17 665	332	3 744	4 980	6 700	724	340	50	347	165	205	58	
\$15,000 to \$24,999	8 970	17	886	2 394	4 715	402	102	30	178	102	74	30	
\$25,000 or more	2 615	10	142	641	1 430	230	31	22	65	4	25	15	
Median	\$10 000	\$9 200	\$10 400	\$12 400	\$12 500	\$4 900	\$9 200	\$5 100	\$6 900	\$5 500	\$4 900	\$2 000	
VALUE-INCOME RATIO													
Specified owner occupied ¹	47 489	691	7 472	9 734	15 284	5 196	794	339	1 997	968	1 863	3 151	
Less than 1.5	17 145	243	2 319	3 890	8 073	1 023	320	120	468	274	290	125	
1.5 to 1.9	10 714	207	2 425	2 949	3 548	643	198	12	307	130	174	121	
2.0 to 2.4	6 495	111	1 463	1 575	1 826	681	71	41	265	91	215	156	
2.5 to 2.9	3 418	45	702	677	725	504	59	15	178	44	264	205	
3.0 to 3.9	3 420	20	442	420	622	847	69	25	265	130	200	380	
4.0 or more	6 001	65	96	223	475	1 468	59	126	471	289	638	2 091	
Not computed	296	—	25	—	15	30	18	—	43	10	82	73	
Renter occupied housing units	19 595	2 970	4 434	1 516	1 894	758	1 008	74	1 844	195	3 115	1 787	
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	18 260	2 924	4 353	1 460	1 829	696	952	62	1 766	169	2 568	1 481	
0.50 or less	8 644	1 093	1 000	202	860	458	396	44	697	130	2 377	1 387	
0.51 to 1.00	8 577	1 779	2 988	940	816	238	508	18	966	39	191	94	
1.01 to 1.50	912	48	352	282	115	—	33	—	82	—	—	—	
1.51 or more	127	4	13	36	—	—	15	—	21	—	—	—	
Lacking some or all plumbing facilities	1 335	46	81	56	65	62	56	12	78	26	547	306	
0.50 or less	638	26	16	—	27	37	23	5	24	15	237	228	
0.51 to 1.00	602	16	39	21	33	19	29	7	50	—	310	78	
1.01 to 1.50	54	—	21	22	—	—	—	—	—	—	—	—	
1.51 or more	41	—	5	13	5	6	4	—	4	—	—	—	
UNITS IN STRUCTURE													
1	7 105	651	2 015	1 037	1 107	385	324	47	554	82	510	393	
2 to 4	9 550	1 995	2 076	415	645	266	453	22	1 027	99	1 563	989	
5 to 19	1 936	231	245	36	117	37	164	5	177	10	693	221	
20 or more	902	51	84	28	25	66	61	—	81	4	328	174	
Mobile home or trailer	102	42	14	—	—	4	6	—	5	—	21	10	
GROSS RENT													
Specified renter occupied ²	18 508	2 862	4 140	1 323	1 704	681	962	58	1 808	180	3 059	1 731	
Less than \$50	837	17	—	10	19	14	26	—	47	11	353	340	
\$50 to \$59	535	10	42	9	12	45	20	—	26	5	212	154	
\$60 to \$69	764	58	55	18	78	34	10	—	48	26	300	137	
\$70 to \$79	1 227	203	102	39	110	85	55	4	116	27	299	187	
\$80 to \$89	3 142	579	608	158	187	124	160	14	264	14	747	287	
\$100 to \$119	3 268	795	865	171	298	124	98	—	355	42	328	192	
\$120 to \$149	3 844	744	1 218	286	401	93	166	17	383	10	410	116	
\$150 to \$199	3 268	380	989	395	361	61	283	5	369	13	314	98	
\$200 to \$299	645	30	190	112	59	4	91	—	139	—	15	5	
\$300 or more	27	—	—	5	9	3	5	—	—	—	—	5	
No cash rent	951	46	71	120	170	94	48	18	61	32	81	210	
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME													
Specified renter occupied ²	18 508	2 862	4 140	1 323	1 704	681	962	58	1 808	180	3 059	1 731	
Less than \$5,000	6 062	477	202	83	155	410	466	20	1 149	95	1 450	1 555	
Less than 20 percent	392	34	7	6	21	16	—	—	45	—	158	105	
20 to 24 percent	392	36	15	5	—	35	—	—	46	—	166	75	
25 to 34 percent	933	113	50	20	20	93	48	5	103	19	254	208	
35 percent or more	3 721	274	117	43	79	212	363	9	880	47	760	937	
Not computed	624	20	13	9	35	54	50	6	75	20	112	230	
\$5,000 to \$9,999	7 438	1 669	2 016	574	594	192	350	31	537	72	1 252	151	
Less than 20 percent	4 220	1 031	1 160	230	336	86	134	10	198	29	929	77	
20 to 24 percent	1 557	388	438	118	126	38	80	8	141	9	179	32	
25 to 34 percent	1 157	193	323	135	69	31	101	4	149	17	114	21	
35 percent or more	207	26	68	19	5	10	19	—	30	5	18	7	
Not computed	297	31	27	72	58	27	16	9	19	12	12	14	
\$10,000 to \$14,999	3 832	658	1 555	477	617	60	110	3	87	9	246	10	
Less than 20 percent	3 387	634	1 397	367	525	50	90	—	76	9	234	5	
20 to 24 percent	262	24	110	57	40	—	8	—	6	—	12	5	
25 percent or more	35	—	17	18	—	—	—	—	—	—	—	—	
Not computed	148	—	31	35	52	10	12	3	5	—	—	—	
\$15,000 or more	1 176	58	367	189	338	19	36	4	35	4	111	15	
Less than 20 percent	1 121	58	362	185	313	16	36	4	31	4	97	15	
20 to 24 percent	5	—	—	—	—	—	—	—	—	—	5	—	
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—	
Not computed	50	—	5	4	25	3	—	—	4	—	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-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									Median
	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more		
Owner occupied housing units	58 803	6 566	16 390	9 014	9 303	7 165	4 736	2 994	2 635	3.2
BEDROOMS										
None and 1	2 521	984	1 207	144	67	55	19	45	-	1.7
2	13 982	2 614	6 962	2 402	1 374	409	95	83	43	2.1
3	28 253	2 419	6 805	4 552	5 640	4 600	2 399	1 186	652	3.6
4 or more	14 257	751	1 539	1 603	2 039	2 539	1 716	1 980	2 090	5.0
YEAR STRUCTURE BUILT										
1969 to March 1970	1 491	60	324	402	283	234	116	34	38	3.4
1965 to 1968	5 397	223	999	909	1 232	1 021	549	265	199	4.0
1960 to 1964	6 291	314	1 286	858	1 290	1 068	750	399	326	4.0
1950 to 1959	11 880	908	3 492	1 940	1 975	1 551	908	621	485	3.3
1940 to 1949	5 739	765	1 719	871	909	607	410	293	165	2.9
1939 or earlier	28 005	4 296	8 570	4 034	3 614	2 684	2 003	1 382	1 422	2.8
UNITS IN STRUCTURE										
1	54 155	5 475	14 805	8 146	8 785	6 897	4 555	2 924	2 568	3.3
2 or more	3 348	882	1 130	516	327	191	165	70	67	2.2
Mobile home or trailer	1 300	209	455	352	191	77	16	-	-	2.5
COMPLETE BATHROOMS										
1 and 1/2	48 842	5 530	13 981	7 795	7 853	5 729	3 851	2 127	1 976	3.1
2 and 2 1/2	7 350	313	1 574	911	1 294	1 182	898	684	494	4.2
3 or more	515	42	106	93	97	57	73	18	29	3.7
None or also used by another household	2 096	645	623	354	160	99	69	73	73	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	52 237	...	16 390	9 014	9 303	7 165	4 736	2 994	2 635	3.6
Male head, wife present, no nonrelatives	47 003	...	13 644	7 937	8 631	6 765	4 581	2 876	2 569	3.7
Under 25 years	1 073	...	361	387	232	79	14	-	-	3.0
25 to 34 years	8 931	...	664	1 503	2 825	2 110	1 126	431	272	4.3
35 to 44 years	11 328	...	570	778	2 149	2 526	2 139	1 584	1 582	5.4
45 to 64 years	19 042	...	6 689	4 341	3 229	1 957	1 274	840	712	3.2
65 years and over	6 629	...	5 360	928	196	93	28	21	3	2.1
Other male head	1 625	...	799	355	182	148	60	44	37	2.5
Under 65 years	1 112	...	463	245	136	142	55	10	5	2.3
65 years and over	513	...	336	110	46	6	5	74	29	2.4
Female head	3 609	...	1 947	722	490	252	95	74	29	2.8
Under 65 years	2 404	...	1 028	561	402	215	95	74	-	2.2
65 years and over	1 205	...	919	161	88	37	-	-	-	2.2
One-person households	6 566	6 566	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	47 489	5 014	13 164	7 049	7 708	6 085	3 933	2 495	2 041	3.3
Less than 1.5	17 145	415	3 966	3 381	3 041	2 349	1 690	1 200	1 103	3.8
1.5 to 1.9	10 714	295	2 583	1 617	2 164	1 658	1 152	734	511	3.9
2.0 to 2.4	6 495	371	1 787	954	1 170	1 190	569	292	162	3.6
2.5 to 2.9	3 418	469	1 013	422	611	431	198	117	157	3.0
3.0 to 3.9	3 420	580	1 374	373	447	285	210	98	53	2.3
4.0 or more	6 001	2 729	2 380	290	247	153	98	49	55	1.6
Not computed	296	155	61	12	28	19	16	5	-	1.5
Renter occupied housing units	19 595	4 902	5 540	3 703	2 577	1 401	722	412	338	2.4
BEDROOMS										
None	932	774	140	18	-	-	-	-	-	1.1
1	4 660	2 377	1 824	400	40	-	-	19	-	1.5
2	8 525	1 365	2 889	2 516	1 456	201	45	26	27	2.5
3 or more	5 602	184	814	1 007	1 308	984	535	496	274	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	815	200	281	209	112	13	-	-	-	2.2
1965 to 1968	1 857	401	576	438	257	94	81	5	5	2.4
1960 to 1964	1 308	236	485	289	163	86	34	9	6	2.4
1950 to 1959	1 333	257	382	289	223	78	58	36	10	2.6
1940 to 1949	1 930	416	567	377	276	153	84	32	25	2.5
1939 or earlier	12 352	3 392	3 249	2 101	1 546	977	465	330	292	2.4
UNITS IN STRUCTURE										
1	7 105	903	1 667	1 195	1 220	896	579	353	292	3.3
2	7 398	1 707	2 400	1 739	956	386	123	46	41	2.3
3 and 4	2 152	845	657	343	210	82	6	9	-	1.9
5 to 9	982	444	311	162	60	5	-	-	-	1.7
10 to 19	954	470	259	122	72	27	4	-	-	1.5
20 or more	902	502	211	111	59	5	10	4	-	1.4
Mobile home or trailer	102	31	35	31	-	-	-	-	5	2.1
COMPLETE BATHROOMS										
1 and 1/2	17 277	3 917	5 072	3 313	2 315	1 332	686	337	305	2.4
2 or more	659	92	125	133	114	118	50	13	14	3.3
None or also used by another household	1 659	962	391	135	60	49	19	12	31	1.4
HOUSEHOLD COMPOSITION										
Two-or-more-person households	14 693	...	5 540	3 703	2 577	1 401	722	412	338	3.0
Male head, wife present, no nonrelatives	11 572	...	3 982	3 014	2 103	1 187	600	368	318	3.1
Under 25 years	2 970	...	1 409	1 093	358	97	5	8	-	2.8
25 to 34 years	4 434	...	1 015	1 177	1 226	581	232	125	78	4.9
35 to 44 years	1 516	...	120	239	261	349	248	151	148	2.9
45 to 64 years	1 894	...	799	420	232	157	110	84	92	2.1
65 years and over	758	...	639	85	26	3	5	-	-	2.5
Other male head	1 082	...	538	242	219	31	36	10	6	2.1
Under 65 years	1 008	...	503	219	210	31	29	10	6	2.5
65 years and over	74	...	35	23	9	-	7	-	-	2.5
Female head	2 039	...	1 020	447	255	183	86	34	14	2.5
Under 65 years	1 844	...	855	424	255	183	79	34	14	2.7
65 years and over	195	...	165	23	-	-	7	-	-	2.1
One-person households	4 902	4 902	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	18 508	4 790	5 340	3 602	2 373	1 251	601	325	226	2.1
Less than 10 percent	1 584	339	557	270	190	111	47	32	38	2.3
10 to 14 percent	3 956	676	1 247	913	606	279	117	73	45	2.6
15 to 19 percent	3 580	605	1 043	860	494	255	151	85	67	2.6
20 to 24 percent	2 216	474	607	470	347	187	79	32	20	2.6
25 to 34 percent	2 125	597	596	335	261	176	90	50	20	2.3
35 percent or more	3 928	1 722	934	604	363	177	74	28	26	1.8
Not computed	1 119	377	336	150	112	66	43	25	10	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 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	307	78	119	110	Vacant for rent	834	434	235	165
ROOMS					ROOMS				
1 to 3 rooms	25	4	5	16	1 room	56	33	19	4
4 rooms	33	-	30	3	2 rooms	50	20	26	4
5 rooms	109	19	44	46	3 rooms	153	97	35	21
6 rooms	76	31	16	29	4 rooms	288	151	87	50
7 rooms or more	64	24	24	16	5 rooms	183	90	39	54
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	256	76	98	82	6 rooms	48	24	7	17
Lacking some or all plumbing facilities	51	2	21	28	7 rooms or more	56	19	22	15
BEDROOMS					BEDROOMS				
None and 1	38	-	19	19	With all plumbing facilities	729	390	204	135
2	72	14	44	14	Lacking some or all plumbing facilities	105	44	31	30
3	84	65	19	-	BEDROOMS				
4 or more	29	-	18	11	None	53	17	36	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	49	6	11	32	1	326	227	52	47
1960 to 1968	52	27	14	11	2	322	153	84	85
1950 to 1959	52	3	31	18	3 or more	206	98	33	75
1949 or earlier	154	42	63	49	1969 to March 1970	81	31	41	9
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	298	69	119	110	1960 to 1968	147	110	25	12
2 or more	9	9	-	-	1950 to 1959	50	39	4	7
HEATING EQUIPMENT					UNITS IN STRUCTURE				
Steam or hot water	31	17	5	9	1	261	97	82	82
Warm-air furnace	204	59	74	71	2 to 4	399	254	87	58
Built-in electric units	-	-	-	-	5 to 9	53	21	25	7
Floor, wall, or pipeless furnace	3	-	-	3	10 to 19	47	33	2	12
Other means	53	2	35	16	20 or more	74	29	39	6
None	16	-	5	11	RENT ASKED				
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	271	53	115	103	Specified vacant for rent ²	786	417	220	149
Less than \$5,000	23	-	10	13	Less than \$50	99	53	21	25
\$5,000 to \$9,999	41	-	22	19	\$50 to \$59	68	34	20	14
\$10,000 to \$14,999	65	10	36	19	\$60 to \$79	144	65	46	33
\$15,000 to \$19,999	81	25	15	41	\$80 to \$99	101	55	27	19
\$20,000 to \$24,999	19	13	3	3	\$100 to \$119	118	71	30	17
\$25,000 to \$34,999	24	5	14	5	\$120 to \$149	129	77	32	20
\$35,000 to \$49,999	8	-	8	-	\$150 to \$199	112	62	34	16
\$50,000 or more	10	-	7	3	\$200 or more	15	-	10	5
Median price asked	\$15 400	...	\$13 500	\$15 100	Median rent asked	\$96	\$100	\$97	\$83

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	271	64	65	81	19	24	18	786	167	144	101	247	112	15
PLUMBING FACILITIES														
With all plumbing facilities	143	34	33	65	-	-	11	710	151	164	131	215	11	38
Lacking some or all plumbing facilities	47	47	-	-	-	-	-	139	83	37	-	-	19	-
BEDROOMS														
None and 1	19	19	-	-	-	-	-	379	133	110	69	48	-	19
2	58	44	-	14	-	-	-	322	68	37	51	117	30	19
3	84	-	33	51	-	-	-	115	17	54	11	33	-	-
4 or more	29	18	-	-	-	-	11	33	16	-	-	17	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	49	-	6	26	6	11	-	81	-	3	2	14	52	10
1960 to 1968	52	16	-	23	3	8	2	144	9	36	7	74	18	-
1950 to 1959	48	7	19	6	-	5	11	50	11	2	9	16	12	-
1949 or earlier	122	41	40	26	10	-	5	511	147	103	83	143	30	5
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	213	58	40	35	53	22	5
2 to 4	...	...	...	...	...	...	...	399	75	83	56	154	31	-
5 to 19	...	...	...	...	...	...	...	100	31	21	10	20	18	-
20 or more	...	...	...	...	...	...	...	74	3	-	-	20	41	10
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	160	59	39	43	19	-	-
Some or no utilities included	...	...	...	...	...	...	...	626	108	105	58	228	112	15

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]

Appleton	Total	Less than \$5,000	\$5,000 to	\$7,500 to	\$10,000 to	\$12,500 to	\$15,000 to	\$20,000 to	\$25,000 to	\$35,000 to	\$50,000 or more	Median (dollars)
			\$7,499	\$9,999	\$12,499	\$14,999	\$19,999	\$24,999	\$34,999	\$49,999		
Specified owner occupied¹	11 042	31	161	462	1 079	1 511	3 591	1 933	1 492	572	210	18 200
ROOMS												
1 and 2 rooms	14	—	—	6	—	—	3	5	—	—	—	...
3 rooms	101	4	23	43	11	11	9	—	—	—	—	8 900
4 rooms	1 108	—	71	119	238	238	367	56	14	5	—	13 800
5 rooms	3 256	5	27	98	344	419	1 297	795	229	35	7	18 200
6 rooms	3 593	22	19	108	309	567	1 248	697	492	101	30	18 100
7 rooms	1 744	—	15	62	132	206	489	257	422	104	57	19 600
8 rooms or more	1 226	—	6	26	45	70	178	123	335	327	116	29 900
Median	5.8	...	4.3	5.1	5.3	5.7	5.6	5.7	6.5	7.5+	7.5+	...
PERSONS												
1 person	1 172	9	62	158	215	250	273	115	67	9	14	13 900
2 persons	2 939	12	63	140	390	412	943	509	288	126	56	17 400
3 persons	1 698	5	9	59	164	232	557	332	241	62	37	18 500
4 persons	1 861	—	13	48	103	209	608	413	321	133	13	19 600
5 persons	1 495	—	9	19	85	176	510	287	272	107	30	19 500
6 persons or more	1 877	5	5	38	122	232	700	277	303	135	60	18 800
Median	3.3	...	1.8	2.0	2.3	2.9	3.5	3.5	4.0	4.2	3.4	...
Units with roomers, boarders, or lodgers	147	—	—	—	20	31	68	23	—	5	—	16 300
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 939	26	146	456	1 063	1 496	3 560	1 928	1 482	572	210	18 200
0.50 or less	5 297	21	109	312	645	764	1 570	829	623	307	117	17 500
0.51 to 1.00	4 750	—	32	113	354	591	1 604	927	800	242	87	19 000
1.01 to 1.50	770	5	—	26	59	124	327	147	59	17	6	17 600
1.51 or more	122	—	5	5	5	17	59	25	—	6	—	17 400
Lacking some or all plumbing facilities	103	5	15	6	16	15	31	5	10	—	—	14 100
0.50 or less	62	5	10	—	10	15	15	—	4	—	—	...
0.51 to 1.00	41	—	5	6	—	—	—	5	—	—	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1	405	19	42	60	85	38	113	24	24	—	—	12 400
2	2 196	—	47	226	334	583	675	234	25	24	48	14 600
3	5 834	—	24	127	312	850	1 989	1 348	896	229	59	19 200
4 or more	2 503	23	—	59	136	280	799	234	488	366	118	19 700
YEAR STRUCTURE BUILT												
1969 to March 1970	226	—	5	—	—	4	62	23	64	53	15	28 000
1965 to 1968	794	—	—	—	6	—	78	186	320	143	61	29 000
1960 to 1964	1 265	—	5	—	11	34	269	409	350	155	32	23 800
1950 to 1959	3 106	6	5	37	58	217	1 262	854	479	137	51	19 900
1940 to 1949	1 446	5	54	98	208	260	613	135	50	13	10	15 900
1939 or earlier	4 205	20	92	327	796	996	1 307	326	229	71	41	14 700
COMPLETE BATHROOMS												
1 and 1 1/2	9 113	20	140	435	1 068	1 342	3 286	1 661	974	143	44	17 400
2 and 2 1/2	1 611	—	8	10	28	65	245	276	495	27	108	28 500
3 or more	131	—	—	—	—	—	—	25	29	22	55	...
None or also used by another household	124	7	39	6	13	25	22	—	12	—	—	...
HOUSEHOLD COMPOSITION												
Two-or-more-person households	9 870	22	99	304	864	1 261	3 318	1 818	1 425	563	196	18 600
Male head, wife present, no nonrelatives	8 881	22	72	264	747	1 114	2 969	1 650	1 324	537	182	18 800
Under 25 years	118	—	4	—	5	34	52	8	11	—	4	16 100
25 to 34 years	1 576	5	5	24	99	245	614	287	223	65	9	18 400
35 to 44 years	2 378	—	5	43	120	230	865	397	467	197	54	19 600
45 to 64 years	3 586	12	10	106	325	405	1 060	804	528	248	88	19 400
65 years and over	1 223	5	52	87	198	200	378	154	95	27	27	15 900
Other male head	225	—	4	16	26	46	77	27	24	5	—	16 200
Under 65 years	159	—	4	6	9	36	72	15	12	5	—	16 700
65 years and over	66	—	10	17	10	5	12	12	—	—	—	...
Female head	764	—	23	24	91	101	272	141	77	21	14	17 600
Under 65 years	527	—	19	10	56	61	177	109	72	9	14	18 000
65 years and over	237	—	4	14	35	40	95	32	5	12	—	16 800
One-person households	1 172	9	62	158	215	250	273	115	67	9	14	13 900
Under 65 years	443	4	25	52	88	85	88	59	38	4	—	14 000
65 years and over	729	5	37	106	127	165	185	56	29	5	14	13 900
INCOME IN 1969												
Less than \$2,000	557	—	56	110	77	105	157	21	22	5	4	13 300
\$2,000 to \$2,999	479	10	23	54	121	110	94	40	10	4	13	13 200
\$3,000 to \$3,999	424	—	19	21	97	79	135	53	20	—	—	14 900
\$4,000 to \$4,999	372	4	10	20	47	78	126	64	17	—	6	16 600
\$5,000 to \$5,999	315	—	15	20	59	67	99	37	14	4	—	14 900
\$6,000 to \$6,999	393	—	5	34	39	67	167	42	33	—	6	16 400
\$7,000 to \$9,999	2 197	11	14	85	268	417	849	366	144	26	17	16 600
\$10,000 to \$14,999	3 453	6	14	105	240	413	1 349	776	446	104	—	18 600
\$15,000 to \$24,999	2 132	—	5	13	106	155	540	467	574	241	31	22 600
\$25,000 or more	720	—	—	—	25	20	75	67	212	188	133	33 200
Median	\$11 100	...	\$3 100	\$6 200	\$8 100	\$8 800	\$10 600	\$12 200	\$15 700	\$20 900	\$32 900	...
YEAR MOVED INTO UNIT												
1969 to March 1970	818	—	7	13	22	34	302	153	160	97	30	21 000
1968	779	7	—	—	62	83	232	111	181	88	15	20 200
1967	661	—	8	21	27	64	214	112	148	67	—	19 900
1965 and 1966	1 214	—	5	40	88	153	283	283	268	33	61	20 700
1960 to 1964	2 278	—	37	57	182	278	697	513	330	139	45	19 300
1950 to 1959	3 092	5	53	81	325	374	1 188	626	294	110	36	18 000
1949 or earlier	2 137	15	77	239	403	446	637	164	129	7	20	14 400
HEATING EQUIPMENT												
Steam or hot water	1 137	6	—	25	61	74	296	187	238	166	84	22 800
Warm-air furnace	9 400	16	99	353	925	1 383	3 166	1 729	1 214	396	119	18 100
Built-in electric units	38	—	—	—	5	—	17	—	11	5	—	...
Floor, wall, or pipeless furnace	47	—	—	19	—	4	14	6	4	—	—	...
Other means	420	9	62	65	88	50	98	11	25	5	7	12 100
None	—	—	—	—	—	—	—	—	—	—	—	...
AIR CONDITIONING												
Room unit(s)	2 240	—	26	46	110	363	639	468	396	122	70	19 600
Central system	508	—	—	—	26	43	101	79	118	96	45	25 400
None	8 231	27	161	405	973	1 026	2 813	1 415	996	323	92	17 700

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

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]

Appleton			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)
		Total											
Owner occupied housing units		12 065	709	560	539	412	393	438	2 371	3 682	2 226	735	10 800
ROOMS													
1 and 2 rooms	25	—	—	—	—	—	—	—	12	9	—	4	...
3 rooms	175	40	40	16	4	10	25	31	9	9	—	—	3 500
4 rooms	1 443	193	134	177	77	70	56	322	288	106	20	7 100	—
5 rooms	3 608	192	205	174	113	97	157	827	1 207	568	68	10 200	—
6 rooms	3 748	177	126	95	143	120	146	796	1 237	724	184	11 100	—
7 rooms or more	3 066	107	55	77	75	96	79	389	910	819	459	13 600	—
PERSONS													
1 person	1 433	438	266	171	122	104	83	113	85	28	23	3 100	—
2 persons	3 331	193	238	287	231	194	159	604	846	419	160	8 800	—
3 and 4 persons	3 814	45	52	56	47	69	104	893	1 334	925	289	12 400	—
5 persons	1 544	19	—	11	—	12	45	382	644	324	107	12 400	—
6 persons or more	1 943	14	4	14	12	14	47	379	773	530	156	13 200	—
Units with roomers, boarders, or lodgers	197	50	12	18	6	10	5	38	28	24	6	6 500	—
BEDROOMS													
Less than 3	3 238	409	336	310	127	110	225	521	837	267	96	7 600	—
3	5 953	225	148	86	138	131	301	1 224	2 092	1 262	346	11 700	—
4 or more	2 545	172	20	58	78	74	40	382	681	637	403	13 300	—
YEAR STRUCTURE BUILT													
1969 to March 1970	251	5	—	5	—	13	15	61	80	53	19	11 700	—
1960 to 1968	2 160	43	4	40	20	34	57	335	697	675	255	13 900	—
1950 to 1959	3 185	78	105	141	83	43	91	679	1 117	654	194	11 700	—
1949 or earlier	6 469	583	451	353	309	303	275	1 296	1 788	844	267	9 200	—
YEAR MOVED INTO UNIT													
1969 to March 1970	892	11	14	23	16	49	44	183	338	157	57	11 600	—
1968	4 850	23	6	16	13	13	18	206	302	225	28	12 200	—
1960 to 1967	4 397	131	61	162	63	111	147	1 039	1 365	983	335	11 800	—
1959 or earlier	5 931	503	500	374	341	238	179	1 030	1 642	833	291	9 400	—
SELECTED CHARACTERISTICS													
Automatic clothes washing machine	9 252	461	161	145	287	156	369	1 808	2 987	2 051	827	12 100	—
Clothes dryer	8 871	317	127	126	196	110	357	1 659	3 063	2 088	828	12 500	—
Dishwasher	3 206	105	20	46	40	28	101	246	884	1 112	624	16 200	—
Home food freezer	4 779	192	147	152	65	66	323	814	1 583	939	498	12 000	—
Owned second home	1 067	97	—	37	42	—	85	290	27	270	125	12 600	—
With air conditioning	2 982	88	106	107	108	68	111	476	853	711	354	12 500	—
Room unit(s)	2 453	66	87	93	102	44	98	417	752	555	239	12 100	—
Central system	529	22	19	14	6	24	13	59	101	156	115	15 400	—
Automobiles available:													
1	6 287	237	262	366	359	281	252	1 786	1 855	747	142	9 300	—
2	4 111	37	28	45	7	62	100	565	1 571	1 217	479	13 900	—
3 or more	495	—	6	6	—	—	12	44	151	199	77	16 400	—
Renter occupied housing units		4 796	527	361	306	281	404	364	1 205	1 018	272	58	7 400
ROOMS													
1 room	131	36	33	16	—	10	12	15	5	4	—	2 900	—
2 rooms	235	54	32	10	10	27	19	56	27	5	—	5 500	—
3 rooms	1 007	179	91	87	84	128	69	188	150	31	—	5 500	—
4 rooms	1 641	154	111	104	106	123	156	428	352	79	28	7 500	—
5 rooms	1 036	61	70	79	53	56	80	321	252	54	10	8 100	—
6 rooms or more	746	43	24	10	28	65	28	197	232	99	20	9 700	—
PERSONS													
1 person	1 346	299	179	144	113	132	110	231	103	29	6	4 500	—
2 persons	1 391	143	98	101	83	133	91	316	343	63	20	7 400	—
3 and 4 persons	1 445	63	57	56	62	100	126	461	395	110	15	8 700	—
5 persons	297	17	22	5	18	16	20	83	81	30	5	8 800	—
6 persons or more	317	5	5	—	5	23	17	114	96	40	12	9 700	—
Units with roomers, boarders, or lodgers	188	20	31	5	42	4	24	53	5	4	—	4 900	—
BEDROOMS													
None	263	78	54	20	—	39	36	18	—	18	—	—	...
1	1 463	302	181	38	81	123	143	282	230	83	—	6 000	—
2	2 227	190	131	153	167	190	152	668	441	111	24	7 600	—
3 or more	1 069	21	74	35	18	38	60	407	261	98	57	9 100	—
YEAR STRUCTURE BUILT													
1969 to March 1970	176												

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]

Appleton	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	12 065	11 936	5 950	5 043	812	131	129	74	55	-
PERSONS										
1 person	1 433	1 399	1 399	-	-	-	34	30	4	-
2 persons	3 331	3 291	3 222	69	-	-	40	25	15	-
3 persons	1 844	1 805	1 054	740	11	-	39	19	20	-
4 persons	1 970	1 960	241	1 714	5	-	10	-	10	-
5 persons	1 544	1 538	34	1 465	36	3	6	-	6	-
6 persons or more	1 943	1 943	-	1 055	760	128	-	-	-	-
Median	3.2	3.2	2.0	4.5	6.9	7.5+	2.3	...	...	-
Units with roomers, boarders, or lodgers	197	197	104	82	11	-	-	-	-	-
YEAR STRUCTURE BUILT										
1969 to March 1970	238	238	72	141	18	7	-	-	-	-
1965 to 1968	816	809	237	527	38	7	7	-	-	-
1960 to 1964	1 347	1 337	417	802	112	6	10	-	10	-
1950 to 1959	3 186	3 174	1 530	1 342	259	43	12	-	12	-
1940 to 1949	1 505	1 483	706	623	142	12	22	6	16	-
1939 or earlier	4 978	4 894	2 973	1 627	248	46	84	57	27	-
INCOME IN 1969										
Less than \$2,000	709	682	616	58	8	-	27	21	6	-
\$2,000 to \$2,999	560	539	496	39	4	-	21	15	6	-
\$3,000 to \$3,999	539	534	467	62	-	5	5	5	-	-
\$4,000 to \$4,999	412	398	372	21	5	-	14	9	5	-
\$5,000 to \$5,999	393	388	317	57	14	-	5	5	-	-
\$6,000 to \$6,999	438	428	280	124	19	5	10	5	5	-
\$7,000 to \$9,999	2 371	2 364	921	1 205	228	10	7	3	4	-
\$10,000 to \$14,999	3 682	3 661	1 316	1 909	369	67	21	5	16	-
\$15,000 to \$24,999	2 226	2 217	807	1 230	146	34	9	-	9	-
\$25,000 or more	735	725	358	338	19	10	10	6	4	-
Median	\$10 800	\$10 900	\$8 400	\$12 500	\$11 700	\$13 400	\$4 800	...	...	-
VALUE-INCOME RATIO										
Specified owner occupied ¹	11 042	10 939	5 297	4 750	770	122	103	62	41	-
Less than 1.5	3 728	3 701	1 402	1 897	337	65	27	11	16	-
1.5 to 1.9	2 751	2 732	1 004	1 420	272	36	19	15	4	-
2.0 to 2.4	1 533	1 528	653	784	74	15	5	-	5	-
2.5 to 2.9	768	763	413	300	50	-	5	-	5	-
3.0 to 3.9	765	755	520	212	23	-	10	5	5	-
4.0 or more	1 445	1 408	1 269	119	14	6	37	31	6	-
Not computed	52	52	36	16	-	-	-	-	-	-
HEATING EQUIPMENT										
Steam or hot water	1 282	1 273	653	569	37	14	9	9	-	-
Warm-air furnace	10 218	10 132	4 936	4 343	736	117	86	45	41	-
Built-in electric units	48	48	33	15	-	-	-	-	-	-
Floor, wall, or pipeless furnace	58	54	41	8	5	-	4	-	4	-
Other means	459	429	287	108	34	-	30	20	10	-
None	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	4 796	4 597	2 259	2 129	193	16	199	73	121	5
PERSONS										
1 person	1 346	1 190	1 160	30	-	-	156	61	95	-
2 persons	1 391	1 353	922	425	-	6	38	12	20	-
3 persons	862	862	147	701	14	-	-	-	-	-
4 persons	583	578	26	543	9	-	5	-	-	5
5 persons	297	297	4	252	41	-	-	-	-	-
6 persons or more	317	317	-	178	129	10	-	-	-	-
Median	2.3	2.3	1.5	3.4	6.0	...	1.1	...	1.1	...
Units with roomers, boarders, or lodgers	188	177	86	83	8	-	11	-	11	-
YEAR STRUCTURE BUILT										
1969 to March 1970	207	207	123	84	-	-	-	-	-	-
1965 to 1968	467	467	253	207	7	-	-	-	-	-
1960 to 1964	335	335	180	143	12	-	-	-	-	-
1950 to 1959	394	372	152	188	32	-	22	7	15	-
1940 to 1949	496	496	260	230	6	-	-	-	-	-
1939 or earlier	2 895	2 752	1 341	1 248	147	16	143	40	96	7
INCOME IN 1969										
Less than \$2,000	527	438	315	107	10	6	89	47	42	-
\$2,000 to \$2,999	361	328	214	91	23	-	33	-	33	-
\$3,000 to \$3,999	306	295	201	94	-	-	11	-	11	-
\$4,000 to \$4,999	281	265	150	104	6	5	16	12	4	-
\$5,000 to \$5,999	404	383	227	134	22	-	21	6	15	-
\$6,000 to \$6,999	364	358	183	150	25	-	6	6	6	-
\$7,000 to \$9,999	1 205	1 192	447	707	38	-	13	8	5	-
\$10,000 to \$14,999	1 018	1 008	400	564	39	5	10	-	5	-
\$15,000 to \$24,999	272	272	96	152	24	-	-	-	-	-
\$25,000 or more	58	58	26	26	6	-	-	-	-	-
Median	\$7 400	\$7 600	\$6 100	\$8 600	\$7 800	...	\$2 300	...	\$2 600	...
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	4 752	4 559	2 231	2 119	193	16	193	67	121	5
Less than 10 percent	347	323	142	161	20	-	24	8	11	5
10 to 14 percent	1 006	975	433	517	20	5	31	-	31	-
15 to 19 percent	984	950	370	551	29	-	34	6	28	-
20 to 24 percent	678	648	295	317	36	-	30	11	19	-
25 to 34 percent	557	553	296	197	55	5	4	-	4	-
35 percent or more	1 008	972	625	308	33	6	36	14	22	-
Not computed	172	138	70	68	-	-	34	28	6	-
HEATING EQUIPMENT										
Steam or hot water	945	889	466	394	29	-	56	8	48	-
Warm-air furnace	3 155	3 048	1 423	1 473	136	16	107	39	63	5
Built-in electric units	132	132	75	57	-	-	-	-	-	-
Floor, wall, or pipeless furnace	92	92	45	47	-	-	-	-	-	-
Other means	472	436	250	158	28	-	36	26	10	-
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]

Appleton	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	12 065	4	21	175	1 443	3 608	3 748	1 795	1 271	5.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	11 884	-	28	140	1 383	3 547	3 729	1 792	1 265	5.7
PERSONS										
1 person	1 433	4	-	70	409	389	380	110	71	5.1
2 persons	3 331	-	7	77	643	1 201	849	401	153	5.3
3 persons	1 844	-	11	19	223	518	632	284	157	5.7
4 persons	1 970	-	-	5	106	644	674	300	241	5.8
5 persons	1 544	-	3	-	36	475	572	260	198	6.0
6 persons or more	1 943	-	-	4	26	381	641	440	451	6.4
Median	3.2	...	...	1.7	2.0	2.9	3.5	3.8	4.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	11 936	-	21	160	1 427	3 538	3 735	1 784	1 271	5.7
0.50 or less	5 950	-	-	70	1 042	1 550	1 848	784	656	5.7
0.51 to 1.00	5 043	-	7	81	323	1 607	1 574	878	573	5.8
1.01 to 1.50	812	-	11	5	52	324	291	87	42	5.5
1.51 or more	131	-	3	4	10	57	22	35	-	5.4
Lacking some or all plumbing facilities	129	4	-	15	16	70	13	11	-	4.9
0.50 or less	74	-	-	-	10	40	13	11	-	...
0.51 to 1.00	55	4	-	15	6	30	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	523	-	18	138	217	133	-	17	-	4.0
2	2 715	-	-	38	1 216	1 036	261	145	19	4.6
3	5 953	-	-	-	20	2 246	2 798	720	169	5.8
4 or more	2 545	-	-	-	-	47	589	788	1 121	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	251	-	7	-	13	77	46	28	80	6.1
1960 to 1968	2 160	-	-	22	116	638	602	347	435	6.0
1950 to 1959	3 185	-	-	21	449	1 375	854	359	127	5.3
1949 or earlier	6 469	4	14	132	865	1 518	2 246	1 061	629	5.6
COMPLETE BATHROOMS										
1 and 1 1/2	9 968	-	28	133	1 330	3 262	3 223	1 363	629	5.6
2 or more	1 936	-	-	14	66	285	506	429	636	6.7
None or also used by another household	166	6	-	23	33	78	13	13	-	4.8
VALUE-INCOME RATIO										
Specified owner occupied¹	11 042	-	14	101	1 108	3 256	3 593	1 744	1 226	5.8
Less than 1.5	3 728	-	9	31	368	1 063	1 228	639	390	5.8
1.5 to 1.9	2 751	-	-	5	216	753	963	505	309	5.9
2.0 to 2.9	2 301	-	5	14	179	706	761	324	312	5.8
3.0 or more	2 210	-	-	51	333	716	630	265	215	5.5
Not computed	52	-	-	-	12	18	11	11	-	...
Renter occupied housing units	4 796	131	235	1 007	1 641	1 036	389	215	142	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 532	13	173	984	1 540	1 051	359	258	154	4.2
PERSONS										
1 person	1 346	125	168	526	391	105	15	6	10	3.2
2 persons	1 391	6	48	403	562	276	64	21	11	3.9
3 persons	862	-	14	64	404	233	101	28	18	4.4
4 persons	583	-	5	9	239	191	89	24	26	4.7
5 persons	297	-	-	-	41	137	64	45	10	5.3
6 persons or more	317	-	-	5	4	94	56	91	67	6.5
Median	2.3	1.0	1.2	1.5	2.3	3.1	3.7	5.1	5.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	4 597	36	192	970	1 635	1 032	375	215	142	4.2
0.50 or less	2 259	-	140	505	947	377	166	55	69	4.0
0.51 to 1.00	2 129	30	38	451	643	561	189	149	68	4.3
1.01 to 1.50	193	-	14	9	45	94	20	6	5	4.8
1.51 or more	16	6	-	5	-	-	-	5	-	...
Lacking some or all plumbing facilities	199	95	43	37	6	4	14	-	-	1.6
0.50 or less	73	-	28	21	6	4	14	-	-	...
0.51 to 1.00	121	95	10	16	-	-	-	-	-	1.1
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	5	-	5	-	-	-	-	-	-	...
BEDROOMS										
None	263	208	55	-	-	-	-	-	-	...
1	1 463	-	202	862	376	23	-	-	-	3.1
2	2 227	-	-	57	1 626	488	56	-	-	4.1
3 or more	1 069	-	-	-	-	424	394	123	128	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	176	-	-	39	96	35	6	-	-	4.0
1960 to 1968	809	-	53	199	320	168	30	18	21	4.0
1950 to 1959	371	20	15	53	148	79	42	14	-	4.2
1949 or earlier	3 440	111	167	716	1 077	754	311	183	121	4.2
COMPLETE BATHROOMS										
1 and 1 1/2	4 372	21	188	989	1 534	1 004	306	238	92	4.1
2 or more	213	-	-	25	6	47	53	20	62	6.0
None or also used by another household	209	85	45	42	-	21	16	-	-	1.9
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	4 752	131	235	1 007	1 631	1 036	377	193	142	4.1
Less than 10 percent	347	11	18	98	122	70	18	10	-	3.9
10 to 14 percent	1 006	37	49	172	363	186	112	46	41	4.2
15 to 19 percent	984	29	52	191	341	241	61	46	23	4.1
20 to 24 percent	678	19	19	136	234	157	67	19	27	4.2
25 to 34 percent	557	9	16	110	164	176	57	19	6	4.4
35 percent or more	1 008	22	66	269	377	196	41	27	10	3.9
Not computed	172	4	15	31	30	10	21	26	35	5.1

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]

Appleton	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	12 065	11 248	743	74	4 796	1 362	2 063	653	219	279	214	6
ROOMS												
1 room	4	-	4	-	131	17	4	15	15	70	10	-
2 rooms	21	14	-	7	235	32	36	81	42	39	5	-
3 rooms	175	107	53	15	1 007	110	417	208	93	89	90	-
4 rooms	1 443	1 140	270	33	1 641	205	979	282	33	50	86	6
5 rooms	3 608	3 314	275	19	1 036	351	538	63	36	25	23	-
6 rooms	3 748	3 656	92	-	389	295	84	4	-	6	-	-
7 rooms	1 795	1 770	25	-	215	210	5	-	-	-	-	-
8 rooms or more	1 271	1 247	24	-	142	142	-	-	-	-	-	-
Median	5.7	5.8	4.7	...	4.1	5.4	4.1	3.6	3.1	2.8	3.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	11 936	11 145	721	70	4 597	1 327	2 038	602	210	205	209	6
0.50 or less	5 950	5 416	496	38	2 259	484	1 042	365	90	148	124	6
0.51 to 1.00	5 043	4 810	206	27	2 129	741	918	218	120	57	75	-
1.01 to 1.50	812	793	14	5	193	86	78	19	-	-	10	-
1.51 or more	131	126	5	-	16	16	-	-	-	-	-	-
Lacking some or all plumbing facilities	129	103	22	4	199	35	25	51	9	74	5	-
0.50 or less	74	62	12	-	73	30	14	21	4	4	-	-
0.51 to 1.00	55	41	10	4	121	5	6	30	5	70	5	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	5	-	5	-	-	-	-	-
BEDROOMS												
None	-	-	-	-	263	39	36	56	38	94	-	-
1	523	405	118	-	1 463	205	534	336	146	82	160	-
2	2 715	2 323	306	86	2 227	361	1 379	252	104	63	68	-
3	5 953	5 869	84	-	804	583	174	28	19	-	-	-
4 or more	2 545	2 503	42	-	265	231	34	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	251	231	8	12	176	-	65	10	15	17	69	-
1965 to 1968	827	794	19	14	477	88	79	87	39	94	90	-
1960 to 1964	1 333	1 265	25	43	332	61	76	89	33	40	33	-
1950 to 1959	3 185	3 151	29	5	371	156	113	65	21	16	-	-
1940 to 1949	1 538	1 500	38	-	569	237	254	67	11	-	-	-
1939 or earlier	4 931	4 307	624	-	2 871	820	1 476	335	100	112	22	6
INCOME IN 1969												
Less than \$2,000	709	587	116	6	527	105	197	114	43	51	17	-
\$2,000 to \$2,999	560	487	73	-	361	80	144	58	27	28	24	-
\$3,000 to \$3,999	539	424	104	11	306	42	161	47	5	28	23	-
\$4,000 to \$4,999	412	386	26	-	281	39	148	64	11	19	-	-
\$5,000 to \$5,999	393	334	53	6	404	152	148	39	21	33	5	6
\$6,000 to \$6,999	438	407	21	10	364	84	188	59	12	11	10	-
\$7,000 to \$9,999	2 371	2 247	99	25	1 205	350	565	127	64	51	48	-
\$10,000 to \$14,999	3 682	3 495	176	11	1 018	368	413	98	31	48	60	-
\$15,000 to \$24,999	2 226	2 155	66	5	272	116	90	34	-	10	22	-
\$25,000 or more	735	726	9	-	58	26	9	13	5	-	5	-
Median	\$10 800	\$11 100	\$6 000	...	\$7 400	\$8 500	\$7 200	\$6 100	\$6 200	\$5 400	\$8 800	...
YEAR MOVED INTO UNIT												
1969 to March 1970	892	836	40	16	2 131	485	932	257	132	178	147	-
1968	850	779	66	5	649	179	266	124	15	33	32	-
1967	673	667	6	-	499	138	236	66	14	32	13	-
1965 and 1966	1 275	1 227	43	5	599	250	215	60	14	39	21	-
1960 to 1964	2 449	2 309	103	37	412	126	182	89	7	-	-	8
1950 to 1959	3 157	2 995	155	7	310	104	131	39	21	15	-	-
1949 or earlier	2 774	2 388	386	-	194	88	72	27	-	7	-	-
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	4 752	1 318	2 063	653	219	279	214	6
Less than \$50 .....	...	...	...	...	165	17	31	21	10	81	5	-
\$50 to \$59 .....	...	...	...	...	93	25	40	14	-	14	-	-
\$60 to \$69 .....	...	...	...	...	174	12	108	27	21	-	6	-
\$70 to \$79 .....	...	...	...	...	272	65	139	33	23	6	6	-
\$80 to \$99 .....	...	...	...	...	942	147	510	229	39	11	-	6
\$100 to \$119 .....	...	...	...	...	780	167	500	77	16	15	5	-
\$120 to \$149 .....	...	...	...	...	1 111	338	428	130	48	82	85	-
\$150 to \$199 .....	...	...	...	...	904	315	246	118	57	70	98	-
\$200 to \$299 .....	...	...	...	...	177	117	51	-	5	-	4	-
\$300 or more .....	...	...	...	...	5	5	-	-	-	-	-	-
No cash rent .....	...	...	...	...	129	110	10	4	-	-	5	-
Median .....	...	...	...	...	\$117	\$135	\$108	\$100	\$120	\$125	\$149	...
HEATING EQUIPMENT												
Steam or hot water	1 282	1 178	104	-	945	135	242	219	81	159	109	-
Warm-air furnace	10 218	9 556	592	70	3 155	1 026	1 486	377	81	106	73	6
Built-in electric units	48	42	6	-	132	15	23	22	26	14	32	-
Floor, wall, or pipeless furnace	58	52	6	-	92	24	58	10	-	-	-	-
Other means	459	420	35	4	472	162	254	25	31	-	-	-
None	-	-	-	-	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	2 453	2 283	155	15	1 027	247	335	146	32	142	125	-
Central system	529	515	5	9	41	15	10	-	16	-	-	-
None	9 088	8 403	639	46	3 726	1 108	1 689	516	155	162	88	8
AUTOMOBILES AVAILABLE												
1	6 287	5 777	454	56	2 832	762	1 299	313	109	189	152	8
2	4 111	3 994	112	5	928	362	349	146	24	14	33	-
3 or more	495	483	12	-	184	74	43	26	12	15	14	-
None	1 177	947	221	9	850	172	343	177	58	86	14	-

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)

Appleton	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	12 065	141	1 702	2 490	3 752	1 428	174	87	577	281	522	911
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	11 936	141	1 694	2 490	3 712	1 386	169	87	577	281	508	891
0.50 or less	5 950	54	356	269	1 919	1 194	97	75	343	244	508	891
0.51 to 1.00	5 043	87	1 154	1 711	1 586	181	63	12	212	37	—	—
1.01 to 1.50	812	—	179	410	185	11	9	—	18	—	—	—
1.51 or more	131	—	5	100	22	—	—	—	4	—	—	—
Lacking some or all plumbing facilities	129	—	8	—	40	42	5	—	—	—	14	20
0.50 or less	74	—	3	—	16	25	—	—	—	—	10	20
0.51 to 1.00	55	—	5	—	24	17	5	—	—	—	4	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	11 248	127	1 605	2 413	3 637	1 246	163	71	542	249	447	748
2 or more	743	14	77	71	104	182	5	16	20	32	59	163
Mobile home or trailer	74	—	20	6	11	—	6	—	15	—	16	—
INCOME IN 1969												
Less than \$2,000	709	—	10	13	24	97	4	10	50	63	78	360
\$2,000 to \$2,999	560	—	9	7	10	190	—	15	52	11	30	236
\$3,000 to \$3,999	539	7	5	10	34	195	6	21	58	32	58	113
\$4,000 to \$4,999	412	—	5	12	35	187	10	—	18	23	60	62
\$5,000 to \$5,999	393	13	24	15	58	127	—	12	27	13	64	40
\$6,000 to \$6,999	438	—	74	39	106	71	—	—	38	11	55	28
\$7,000 to \$9,999	2 371	48	582	497	639	216	54	12	161	49	76	37
\$10,000 to \$14,999	3 682	64	729	1 045	1 388	174	52	—	95	50	64	21
\$15,000 to \$24,999	2 226	9	231	661	1 070	94	27	10	67	29	18	10
\$25,000 or more	735	—	33	191	388	77	5	7	11	—	19	4
Median	\$10 800	\$10 200	\$11 000	\$13 100	\$13 500	\$5 400	\$9 800	...	\$7 800	\$5 900	\$5 500	\$2 400
VALUE-INCOME RATIO												
Specified owner occupied ¹	11 042	118	1 576	2 378	3 586	1 223	159	66	527	237	443	729
Less than 1.5	3 728	47	445	837	1 840	239	52	12	104	46	82	24
1.5 to 1.9	2 751	26	528	851	904	175	55	—	89	32	59	32
2.0 to 2.4	1 533	22	346	403	449	113	6	14	81	25	44	30
2.5 to 2.9	768	4	152	155	160	139	35	—	36	23	38	26
3.0 to 3.9	765	4	76	80	122	192	11	10	92	43	39	96
4.0 or more	1 445	15	19	52	111	360	—	30	119	62	166	511
Not computed	52	—	10	—	—	5	—	—	6	6	15	10
Renter occupied housing units	4 796	586	1 101	326	480	170	151	10	584	42	935	411
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	4 597	581	1 101	326	471	170	146	10	560	42	843	345
0.50 or less	2 259	226	189	43	199	112	65	5	230	30	815	345
0.51 to 1.00	2 129	355	840	233	233	58	67	5	296	12	30	—
1.01 to 1.50	193	—	72	45	39	—	14	—	23	—	—	—
1.51 or more	16	—	—	5	—	—	—	—	11	—	—	—
Lacking some or all plumbing facilities	199	5	—	—	9	—	—	—	—	—	—	—
0.50 or less	73	—	—	—	4	—	5	—	24	—	90	66
0.51 to 1.00	121	5	—	—	—	—	—	—	8	—	32	27
1.01 to 1.50	—	—	—	—	—	—	5	—	16	—	58	37
1.51 or more	5	—	—	—	5	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	1 362	101	347	209	276	63	32	—	156	9	114	55
2 to 4	2 716	436	668	92	152	95	87	10	353	27	549	247
5 to 19	498	49	42	15	27	—	18	—	59	6	188	94
20 or more	214	—	44	10	25	12	14	—	16	—	78	15
Mobile home or trailer	6	—	—	—	—	—	—	—	—	—	6	—
GROSS RENT												
Specified renter occupied ¹	4 752	581	1 101	326	470	164	151	10	578	42	924	405
Less than \$50	165	—	—	—	5	—	6	—	27	—	70	57
\$50 to \$59	93	—	—	—	—	—	—	—	16	—	44	19
\$60 to \$69	174	5	20	—	18	5	—	—	29	—	63	27
\$70 to \$79	272	34	5	—	—	—	—	—	12	—	80	37
\$80 to \$99	942	122	155	37	39	44	10	—	33	11	314	96
\$100 to \$119	780	147	207	30	79	16	6	—	121	11	98	65
\$120 to \$149	1 111	199	314	82	109	43	19	—	147	4	145	49
\$150 to \$199	904	65	333	104	127	21	34	5	87	—	92	36
\$200 to \$299	177	9	52	36	31	—	10	—	29	—	10	—
\$300 or more	5	—	—	—	—	—	5	—	—	—	—	—
No cash rent	129	—	6	28	34	10	12	—	—	—	8	19
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ¹	4 752	581	1 101	326	470	164	151	10	578	42	924	405
Less than \$5,000	1 457	83	54	6	24	92	53	10	376	36	369	354
Less than 20 percent	73	6	—	—	—	—	—	—	20	—	28	19
20 to 24 percent	124	10	4	—	—	—	—	—	19	—	58	28
25 to 34 percent	229	20	10	6	—	—	—	—	37	5	68	44
35 percent or more	951	42	35	—	24	58	6	5	277	31	204	244
Not computed	80	5	—	—	—	—	—	—	—	—	11	19
\$5,000 to \$9,999	1 952	324	545	151	155	61	11	—	23	—	11	19
Less than 20 percent	1 087	193	290	52	101	26	72	—	170	6	438	30
20 to 24 percent	437	85	138	34	15	16	23	—	66	—	317	15
25 to 34 percent	315	42	88	32	25	15	15	—	44	—	77	5
35 percent or more	57	4	23	5	—	—	22	—	44	6	36	5
Not computed	56	—	—	—	—	—	—	—	16	—	4	—
\$10,000 to \$14,999	1 013	163	406	104	183	6	21	—	—	—	4	—
Less than 20 percent	857	154	345	76	150	6	14	—	—	—	4	—
20 to 24 percent	117	9	52	24	14	—	—	—	27	—	93	10
25 percent or more	13	—	9	4	—	—	—	—	21	—	86	5
Not computed	26	—	—	—	—	—	—	—	—	—	7	5
\$15,000 or more	330	11	96	65	108	5	5	—	—	—	—	—
Less than 20 percent	320	11	96	65	102	5	5	—	—	—	24	11
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	10	—	—	—	—	—	—	—	—	—	—	—

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]

Appleton	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	12 065	1 433	3 331	1 844	1 970	1 544	917	579	447	3.2
BEDROOMS										
None	523	211	236	36	-	18	-	22	-	1.7
1	2 715	482	1 422	469	200	124	-	-	-	2.1
2	5 953	427	1 407	858	1 219	1 011	594	306	131	3.7
3	2 545	121	183	254	470	547	362	429	179	4.9
4 or more										
YEAR STRUCTURE BUILT										
1969 to March 1970	251	9	33	57	51	57	24	10	10	4.0
1965 to 1968	827	14	92	120	175	199	127	75	25	4.6
1960 to 1964	1 333	47	245	202	341	209	153	87	49	4.0
1950 to 1959	3 185	228	997	503	535	471	189	171	91	3.2
1940 to 1949	1 538	173	424	253	252	202	113	76	45	3.2
1939 or earlier	4 931	962	1 540	709	616	406	311	160	227	2.5
UNITS IN STRUCTURE										
1	11 248	1 195	3 011	1 738	1 885	1 514	903	569	433	3.3
2 or more	743	222	281	97	75	30	14	10	14	2.0
Mobile home or trailer	74	16	39	9	10	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	9 968	1 317	2 911	1 630	1 527	1 199	668	354	362	3.0
2 and 2 1/2	1 781	72	332	195	398	293	213	171	107	4.2
3 or more	155	13	19	30	24	23	24	6	16	4.1
None or also used by another household	166	50	32	49	20	9	-	6	-	2.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	10 632	...	3 331	1 844	1 970	1 544	917	579	447	3.6
Male head, wife present, no nonrelatives	9 513	...	2 748	1 626	1 814	1 435	907	545	438	3.7
Under 25 years	141	...	41	-	43	12	-	-	-	3.2
25 to 34 years	1 702	...	123	327	556	386	214	61	35	4.2
35 to 44 years	2 490	...	102	153	601	461	324	297	297	5.2
45 to 64 years	3 752	...	1 313	895	613	433	232	160	106	3.1
65 years and over	1 428	...	1 169	206	50	3	-	-	-	2.1
Other male head	261	...	109	63	33	35	10	6	5	2.8
Under 65 years	174	...	59	38	21	35	10	6	5	3.2
65 years and over	87	...	50	25	12	-	-	-	-	...
Female head	858	...	474	155	123	74	-	28	4	2.4
Under 65 years	577	...	265	121	100	59	-	28	4	2.7
65 years and over	281	...	209	34	23	15	-	-	-	2.2
One-person households	1 433	1 433	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	11 042	1 172	2 939	1 698	1 861	1 495	888	565	424	3.3
Less than 1.5	3 728	106	847	761	643	547	363	252	209	3.7
1.5 to 1.9	2 751	91	599	434	604	418	282	189	139	3.9
2.0 to 2.4	1 533	74	352	282	287	319	122	67	30	3.7
2.5 to 2.9	768	64	247	88	171	102	55	16	25	3.3
3.0 to 3.9	765	135	312	72	98	77	38	24	9	2.3
4.0 or more	1 445	677	571	61	53	26	23	17	17	1.6
Not computed	52	25	11	-	5	6	5	-	-	...
Renter occupied housing units	4 796	1 346	1 391	862	583	297	178	94	45	2.3
BEDROOMS										
None	263	223	40	-	-	-	-	-	-	...
1	1 463	801	571	91	-	-	-	-	-	1.4
2	2 227	414	675	694	421	-	23	-	-	2.5
3 or more	1 069	18	88	265	194	240	109	88	67	4.3
YEAR STRUCTURE BUILT										
1969 to March 1970	176	39	73	51	13	-	-	-	-	2.2
1965 to 1968	477	161	114	95	56	24	27	-	-	2.2
1960 to 1964	332	61	151	44	44	27	5	-	-	2.2
1950 to 1959	371	103	101	83	46	5	18	15	-	2.3
1940 to 1949	569	149	162	106	92	36	13	11	-	2.3
1939 or earlier	2 871	833	790	483	332	205	115	68	45	2.3
UNITS IN STRUCTURE										
1	1 362	169	284	233	232	174	150	82	38	3.5
2	2 063	493	694	471	275	88	23	12	7	2.3
3 and 4	653	303	188	96	47	19	-	-	-	1.6
5 to 9	219	78	96	16	24	5	-	-	-	1.8
10 to 19	279	204	51	13	-	11	-	-	-	1.2
20 or more	214	93	78	33	5	-	5	-	-	1.7
Mobile home or trailer	6	6	-	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	4 372	1 157	1 323	785	506	294	180	89	38	2.3
2 or more	213	41	41	30	49	32	14	6	-	3.3
None or also used by another household	209	130	72	-	7	-	-	-	-	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 450	...	1 391	862	583	297	178	94	45	2.9
Male head, wife present, no nonrelatives	2 663	...	953	703	493	221	164	84	45	3.0
Under 25 years	586	...	355	156	67	8	-	-	-	2.3
25 to 34 years	1 101	...	232	350	326	108	50	35	-	3.4
35 to 44 years	326	...	37	45	60	64	73	25	22	4.8
45 to 64 years	480	...	184	132	40	41	36	24	23	2.9
65 years and over	170	...	145	20	-	-	5	-	-	2.1
Other male head	161	...	79	41	22	19	-	-	-	2.5
Under 65 years	151	...	74	36	22	19	-	-	-	2.5
65 years and over	10	...	5	-	-	-	-	-	-	...
Female head	626	...	359	118	68	57	14	10	-	2.4
Under 65 years	584	...	317	118	68	57	14	10	-	2.4
65 years and over	42	...	42	-	-	-	-	-	-	...
One-person households	1 346	1 346	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	4 752	1 329	1 379	857	578	297	173	94	45	2.3
Less than 10 percent	347	69	146	52	54	11	5	4	6	2.2
10 to 14 percent	1 006	212	291	232	133	77	27	18	16	2.5
15 to 19 percent	984	220	299	207	125	55	49	17	12	2.4
20 to 24 percent	678	180	149	133	107	59	31	14	5	2.6
25 to 34 percent	557	153	169	73	53	45	34	30	-	2.2
35 percent or more	1 008	452	262	145	79	50	15	5	-	1.7
Not computed	172	43	63	15	27	-	12	6	6	2.2

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]

Appleton					Appleton				
	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	85	33	20	32	Vacant for rent	238	160	45	33
ROOMS					ROOMS				
1 to 3 rooms	6	4	—	2	1 room	5	—	5	—
4 rooms	—	5	12	9	2 rooms	12	5	3	4
5 rooms	26	—	8	14	3 rooms	70	50	15	5
6 rooms	41	19	—	7	4 rooms	83	56	13	14
7 rooms or more	12	5	—	—	5 rooms	51	37	9	5
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	81	33	20	28	6 rooms	14	9	—	5
Lacking some or all plumbing facilities	4	—	—	4	7 rooms or more	3	3	—	—
BEDROOMS					BEDROOMS				
None and 1	—	—	—	—	With all plumbing facilities	229	151	45	33
2	16	—	16	—	Lacking some or all plumbing facilities	9	9	—	—
3	50	50	—	—	BEDROOMS				
4 or more	—	—	—	—	None	19	—	19	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	3	3	—	—	1	91	54	37	—
1960 to 1968	14	11	3	—	2	89	34	35	20
1950 to 1959	11	3	—	8	3 or more	35	35	—	—
1949 or earlier	57	16	17	24	YEAR STRUCTURE BUILT				
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	81	29	20	32	1969 to March 1970	46	20	20	6
2 or more	4	4	—	—	1960 to 1968	44	44	—	—
HEATING EQUIPMENT					UNITS IN STRUCTURE				
Steam or hot water	16	14	—	2	1	40	20	15	5
Warm-air furnace	63	19	20	24	2 to 4	131	108	5	18
Built-in electric units	—	—	—	—	5 to 9	13	8	5	—
Floor, wall, or pipeless furnace	—	—	—	—	10 to 19	17	13	—	4
Other means	2	—	—	2	20 or more	37	11	20	6
None	4	—	—	4	RENT ASKED				
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	72	24	20	28	Specified vacant for rent ²	233	155	45	33
Less than \$5,000	6	—	—	6	Less than \$50	13	13	—	—
\$5,000 to \$9,999	5	—	5	—	\$50 to \$59	14	—	5	9
\$10,000 to \$14,999	24	10	9	5	\$60 to \$79	50	40	10	—
\$15,000 to \$19,999	26	8	3	15	\$80 to \$99	27	15	7	5
\$20,000 to \$24,999	6	6	—	—	\$100 to \$119	17	12	—	5
\$25,000 to \$34,999	5	—	3	2	\$120 to \$149	70	51	13	6
\$35,000 to \$49,999	—	—	—	—	\$150 to \$199	32	24	—	8
\$50,000 or more	—	—	—	—	\$200 or more	10	—	10	—
Median price asked .....	...	...	...	...	Median rent asked	\$115	\$116	...	...

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]

Appleton	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	72	11	24	26	6	5	233	27	50	27	87	32	10
PLUMBING FACILITIES													
With all plumbing facilities	66	16	33	17	—	—	215	17	89	16	74	—	19
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS													
None and 1	—	—	—	—	—	—	110	—	73	—	37	—	—
2	16	16	—	—	—	—	89	17	—	16	37	—	19
3	50	—	33	17	—	—	16	—	—	—	—	—	—
4 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT													
1969 to March 1970	3	—	—	—	3	—	46	—	—	—	14	22	10
1960 to 1968	14	—	—	8	3	—	44	—	14	—	30	—	—
1950 to 1959	11	—	3	6	—	2	18	—	—	5	8	5	—
1949 or earlier	44	11	21	12	—	—	125	27	36	22	35	5	—
UNITS IN STRUCTURE													
1 .....	...	...	...	...	...	...	35	—	9	12	6	8	—
2 to 4 .....	...	...	...	...	...	...	131	18	37	15	56	5	—
5 to 19 .....	...	...	...	...	...	...	30	9	4	—	8	9	—
20 or more .....	...	...	...	...	...	...	37	—	—	—	17	10	10
INCLUSION OF UTILITIES IN RENT													
All utilities included .....	...	...	...	...	...	...	36	4	14	14	4	—	—
Some or no utilities included .....	...	...	...	...	...	...	197	23	36	13	83	32	10

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]

Oshkosh	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	9 265	176	558	952	1 502	1 471	2 380	1 184	692	267	83	15 000
ROOMS												
1 and 2 rooms	4	--	--	--	--	--	--	4	--	--	--	...
3 rooms	133	15	43	24	10	25	10	6	6	12	--	8 400
4 rooms	1 014	42	105	105	193	184	270	64	39	12	--	13 300
5 rooms	2 669	57	134	307	363	409	826	453	99	16	5	15 400
6 rooms	2 289	27	123	279	439	364	509	313	198	26	11	14 400
7 rooms	1 793	27	91	158	326	327	442	188	178	56	--	14 800
8 rooms or more	1 363	8	62	79	171	162	323	162	172	157	67	17 300
Median	5.9	5.0	5.5	5.6	5.9	5.8	5.7	5.7	6.5	7.5+	...	...
PERSONS												
1 person	1 193	65	137	217	268	190	181	63	49	23	--	11 700
2 persons	2 913	83	221	342	542	467	754	269	143	65	27	13 900
3 persons	1 512	16	89	172	226	230	395	231	121	26	6	15 300
4 persons	1 462	5	46	92	172	205	426	252	180	54	30	17 300
5 persons	1 037	4	19	45	120	166	341	172	123	47	--	17 300
6 persons or more	1 148	3	46	84	174	213	283	197	76	52	20	15 900
Median	2.8	1.8	2.1	2.3	2.4	2.8	3.1	3.6	3.7	3.9	...	...
Units with roomers, boarders, or lodgers	156	6	11	19	40	14	36	7	23	--	--	12 900
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities												
0.50 or less	9 076	134	502	902	1 499	1 456	2 375	1 179	679	267	83	15 100
0.51 to 1.00	5 073	116	348	622	955	774	1 176	490	367	162	63	14 100
1.01 to 1.50	3 577	11	127	246	469	618	1 073	606	302	105	20	16 500
1.51 or more	394	3	22	28	75	59	122	75	10	--	--	15 400
Median	3.2	4	5	6	--	5	8	--	--	--	--	...
Lacking some or all plumbing facilities												
0.50 or less	189	42	56	50	3	15	5	5	13	--	--	7 300
0.51 to 1.00	145	38	33	46	3	15	5	5	5	--	--	7 600
1.01 to 1.50	44	4	23	4	--	--	5	--	8	--	--	...
1.51 or more	--	--	--	--	--	--	--	--	--	--	--	...
BEDROOMS												
None and 1	278	--	82	83	21	42	50	--	--	--	--	...
2	2 885	22	215	437	723	353	822	188	76	49	--	12 800
3	4 114	20	176	348	594	815	1 070	791	223	77	--	15 600
4 or more	1 902	36	132	118	303	260	293	225	323	176	36	16 200
YEAR STRUCTURE BUILT												
1969 to March 1970	171	4	--	--	--	--	66	32	36	28	5	22 400
1965 to 1968	671	--	--	--	5	9	113	215	230	74	25	24 800
1960 to 1964	634	--	--	--	19	--	233	182	139	46	15	21 800
1950 to 1959	1 438	12	45	24	76	177	526	357	142	69	10	18 800
1940 to 1949	795	11	29	66	117	189	240	83	40	10	10	14 800
1939 or earlier	5 556	149	484	862	1 285	1 096	1 202	315	105	40	18	12 500
COMPLETE BATHROOMS												
1 and 1 1/2	8 002	139	438	877	1 401	1 332	2 135	1 040	514	111	15	14 700
2 and 2 1/2	904	--	13	6	67	94	223	115	193	142	51	22 100
3 or more	61	--	--	--	--	7	--	8	--	13	33	...
None or also used by another household	312	64	109	64	5	38	5	13	14	--	--	7 100
HOUSEHOLD COMPOSITION												
Two-or-more-person households												
Male head, wife present, no nonrelatives	8 072	111	421	735	1 234	1 281	2 199	1 121	643	244	83	15 500
Under 25 years	6 985	70	305	604	1 008	1 116	1 968	1 009	593	229	83	16 000
25 to 34 years	89	4	10	14	8	4	30	10	9	--	--	...
35 to 44 years	1 116	--	48	37	93	210	406	193	101	28	--	17 400
45 to 64 years	1 531	4	17	82	146	230	412	323	214	79	24	18 300
65 years and over	3 074	33	120	295	529	451	837	415	229	111	54	15 600
Other male head	1 175	29	110	176	232	221	283	68	40	11	5	13 000
Under 25 years	234	9	41	26	48	29	41	22	13	5	--	12 100
25 to 34 years	144	9	19	4	31	17	35	16	8	5	--	13 800
35 to 44 years	90	--	22	17	12	12	6	6	5	--	--	...
45 to 64 years	853	32	75	105	178	136	190	90	37	10	--	13 200
65 years and over	567	11	47	62	112	94	144	72	21	4	--	13 900
Female head	286	21	28	43	66	42	46	18	16	6	--	11 900
Under 25 years	1 193	65	137	217	268	190	181	63	49	23	8	11 700
25 to 34 years	436	7	44	83	83	86	68	33	26	6	--	12 500
35 to 44 years	757	58	93	134	185	104	113	30	23	17	--	11 300
65 years and over	...											
One-person households												
Under 25 years	1 193	65	137	217	268	190	181	63	49	23	8	11 700
25 to 34 years	436	7	44	83	83	86	68	33	26	6	--	12 500
35 to 44 years	757	58	93	134	185	104	113	30	23	17	--	11 300
65 years and over	...											
INCOME IN 1969												
Less than \$2,000	730	72	101	97	177	157	87	8	15	5	11	11 300
\$2,000 to \$2,999	467	21	70	109	116	49	78	19	5	--	--	10 700
\$3,000 to \$3,999	465	12	41	98	83	69	113	22	22	5	--	12 500
\$4,000 to \$4,999	421	17	50	72	70	42	101	63	--	6	--	12 600
\$5,000 to \$5,999	353	5	27	37	60	106	68	35	15	--	--	13 600
\$6,000 to \$6,999	475	15	35	50	110	83	108	58	11	5	--	13 300
\$7,000 to \$9,999	2 046	25	101	233	376	404	607	200	90	10	--	14 300
\$10,000 to \$14,999	2 743	--	111	221	370	396	867	442	284	52	--	16 600
\$15,000 to \$24,999	1 230	9	16	29	127	139	318	302	170	110	10	19 700
\$25,000 or more	335	--	6	6	13	26	33	33	80	74	62	31 100
Median	\$9 500	\$2 800	\$5 600	\$7 200	\$8 100	\$8 700	\$10 200	\$12 100	\$13 300	\$19 600	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	581	14	12	--	28	33	199	140	88	59	8	20 200
1968	536	10	6	25	43	93	142	86	80	39	12	18 000
1967	416	6	21	25	45	78	112	59	56	7	7	16 500
1965 and 1966	990	6	52	66	51	150	243	182	179	31	30	18 500
1960 to 1964	1 485	27	31	91	229	135	543	282	105	29	13	17 000
1950 to 1959	2 809	42	144	312	485	533	691	336	167	84	15	14 500
1949 or earlier	2 462	98	294	428	592	449	433	91	46	17	14	11 700
HEATING EQUIPMENT												
Steam or hot water	1 291	--	37	72	170	158	338	210	170	101	35	18 300
Warm-air furnace	7 232	83	315	680	1 215	1 251	2 010	954	510	166	48	15 200
Built-in electric units	26	5	--	5	--	10	6	--	--	--	--	...
Floor, wall, or pipeless furnace	142	6	37	41	44	4	5	5	--	--	--	9 200
Other means	568	82	169	148	73	48	21	15	12	--	--	8 100
None	6	--	--	6	--	--	--	--	--	--	--	...
AIR CONDITIONING												
Room unit(s)	2 004	14	85	166	274	259	572	349	194	72	19	16 700
Central system	255	--	--	--	13	29	40	66	36	58	13	23 400
None	7 020	189	475	781	1 186	1 183	1 751	761	491	136	67	14 400

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]

Oshkosh	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 occupied ¹	5 630	288	234	270	361	612	1 000	1 029	1 163	249	--	224	115
ROOMS													
1 room	346	156	70	53	5	41	10	11	--	--	--	--	52
2 rooms	244	30	39	43	35	39	20	13	20	--	--	--	72
3 rooms	1 033	42	71	82	116	247	153	152	109	30	--	--	95
4 rooms	1 608	40	26	51	115	249	350	273	428	49	--	--	118
5 rooms	1 381	9	18	25	58	148	347	309	335	93	--	--	126
6 rooms	575	--	5	6	18	62	101	170	127	44	--	--	133
7 rooms	273	5	5	6	14	26	19	53	97	6	--	--	143
8 rooms or more	170	6	--	4	--	--	--	48	27	--	--	--	159
Median	4.2	1.4	2.6	3.0	3.7	3.8	4.4	4.7	4.6	5.0	--	--	5.7
PERSONS													
1 person	1 654	237	186	183	163	309	190	167	143	--	--	76	81
2 persons	1 595	18	26	49	110	290	343	330	321	39	--	--	116
3 persons	1 109	20	11	34	47	118	239	286	273	37	--	--	127
4 persons	726	5	11	4	34	71	124	114	245	99	--	--	148
5 persons	317	8	--	--	3	21	65	56	117	35	--	--	150
6 persons or more	229	--	--	--	4	3	39	64	39	4	--	--	146
Median	2.2	1.1	1.1	1.2	1.7	1.8	2.4	2.6	2.9	4.0	--	--	2.0
Units with roomers, boarders, or lodgers	537	16	16	5	37	56	32	88	181	102	--	--	155
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	5 072	101	145	197	309	744	973	997	1 152	249	--	--	205
0.50 or less	2 498	58	96	118	200	438	460	489	448	47	--	--	144
0.51 to 1.00	2 338	30	49	79	102	295	432	480	657	158	--	--	56
1.01 to 1.50	217	9	--	--	7	11	66	28	47	44	--	--	5
1.51 or more	19	4	--	--	--	--	15	--	--	--	--	--	134
Lacking some or all plumbing facilities	558	187	89	73	52	68	27	32	11	--	--	--	19
0.50 or less	280	41	37	54	35	43	22	18	11	--	--	--	70
0.51 to 1.00	269	146	52	19	17	20	5	10	--	--	--	--	50
1.01 to 1.50	9	--	--	--	--	5	--	4	--	--	--	--	---
1.51 or more	--	--	--	--	--	--	--	--	--	--	--	--	---
BEDROOMS													
None	409	103	58	95	16	57	38	42	--	--	--	--	65
1	1 566	91	98	79	309	344	269	217	81	--	--	--	93
2	2 449	17	41	72	197	291	584	468	639	84	--	--	120
3 or more	1 239	20	--	--	17	19	193	280	451	140	--	--	153
YEAR STRUCTURE BUILT													
1969 to March 1970	185	--	--	5	--	5	--	19	120	31	--	--	175
1965 to 1968	688	--	--	--	--	--	5	132	439	103	--	--	173
1960 to 1964	252	--	--	5	5	4	16	67	110	24	--	--	158
1950 to 1959	157	--	5	--	28	18	33	25	38	--	--	--	114
1940 to 1949	388	6	5	8	25	77	87	114	48	8	--	--	116
1939 or earlier	3 960	282	224	252	303	708	859	672	408	83	--	--	103
ELEVATOR IN STRUCTURE													
4 floors or more	118	17	--	51	--	17	17	--	--	--	--	--	16
With elevator	102	17	--	51	--	17	17	--	--	--	--	--	---
Walk-up	16	--	--	--	--	--	--	--	--	--	--	--	---
1 to 3 floors	5 545	214	197	195	539	694	1 067	1 007	1 171	224	--	--	115
COMPLETE BATHROOMS													
1 and 1 1/2	4 718	76	144	173	230	691	923	985	1 086	249	--	--	121
2 or more	149	16	--	7	8	8	--	11	51	17	--	--	---
None or also used by another household	767	216	98	87	73	147	39	58	19	--	--	--	66
INCOME IN 1969													
Less than \$2,000	1 046	114	84	95	58	158	94	96	172	104	--	--	71
\$2,000 to \$2,999	467	37	49	49	57	64	57	64	51	16	--	--	86
\$3,000 to \$3,999	377	32	12	9	60	53	65	75	59	12	--	--	107
\$4,000 to \$4,999	334	20	16	33	20	59	61	54	66	--	--	--	105
\$5,000 to \$5,999	335	14	5	12	30	57	58	62	79	4	--	--	115
\$6,000 to \$6,999	446	31	33	16	25	66	123	62	71	10	--	--	108
\$7,000 to \$9,999	1 356	32	20	56	29	231	276	323	271	42	--	--	119
\$10,000 to \$14,999	981	8	15	--	29	103	216	238	288	39	--	--	132
\$15,000 to \$24,999	249	--	--	--	15	21	46	55	80	18	--	--	139
\$25,000 or more	39	--	--	--	5	4	--	--	26	4	--	--	---
Median	\$6 600	\$2 800	\$2 700	\$2 800	\$4 300	\$6 200	\$7 500	\$7 900	\$7 900	\$3 400	--	--	---
YEAR MOVED INTO UNIT													
1969 to March 1970	2 574	132	102	70	64	256	401	538	757	231	--	--	134
1968	846	34	17	23	59	114	179	187	199	21	--	--	119
1967	340	17	--	28	5	108	82	53	42	--	--	--	102
1965 and 1966	643	22	30	53	66	123	95	128	100	7	--	--	104
1960 to 1964	561	65	29	56	23	136	98	66	37	7	--	--	88
1950 to 1959	433	27	49	29	55	46	82	69	13	8	--	--	89
1949 or earlier	237	11	15	8	39	43	25	13	--	--	--	--	85
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	417	76	35	19	49	75	83	40	40	--	--	--	86
10 to 14 percent	1 050	59	43	65	84	232	271	198	80	18	--	--	103
15 to 19 percent	948	20	17	33	33	135	230	222	245	13	--	--	121
20 to 24 percent	642	6	28	6	26	74	120	186	166	30	--	--	130
25 to 34 percent	670	39	27	30	75	49	88	98	215	29	--	--	122
35 percent or more	1 610	72	84	117	94	210	200	285	393	155	--	--	123
Not computed	293	16	--	--	--	17	8	--	24	4	--	--	---
AIR CONDITIONING													
Room unit(s)	1 045	--	8	35	33	139	153	217	348	67	--	--	138
Central system	184	--	7	--	7	--	--	--	129	41	--	--	180
None	4 405	308	227	232	271	707	809	837	679	158	--	--	109

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)

Oshkosh	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	10 484	953	568	537	501	393	561	2 316	2 970	1 329	356	9 200
ROOMS												
1 and 2 rooms	32	12	—	5	—	—	—	11	4	—	—	...
3 rooms	223	73	13	10	36	14	30	22	20	—	5	4 400
4 rooms	1 263	199	125	118	80	66	92	275	238	49	21	6 500
5 rooms	3 079	323	156	185	107	130	161	776	921	280	40	8 800
6 rooms	2 555	150	141	80	152	61	127	677	756	362	49	9 500
7 rooms or more	3 332	196	133	139	126	122	151	555	1 031	638	241	11 200
PERSONS												
1 person	1 556	655	282	174	138	79	78	88	35	16	11	2 400
2 persons	3 322	217	251	310	264	200	281	739	719	228	113	7 600
3 and 4 persons	3 248	57	26	38	81	89	129	828	1 237	632	131	11 500
5 persons	1 098	9	4	11	13	15	22	322	445	214	43	11 700
6 persons or more	1 260	15	5	4	5	10	51	339	534	239	58	11 900
Units with roomers, boarders, or lodgers	193	57	32	19	—	17	15	21	32	—	—	3 400
BEDROOMS												
Less than 3	3 818	672	285	268	218	256	387	793	623	281	35	6 500
3	4 574	147	229	259	202	148	255	1 161	1 404	629	140	9 700
4 or more	2 009	108	112	69	40	71	56	328	586	526	111	11 900
YEAR STRUCTURE BUILT												
1969 to March 1970	171	—	—	—	4	—	10	73	59	25	—	9 900
1969 to 1968	1 391	23	15	29	34	38	26	250	620	263	93	12 300
1950 to 1959	1 470	90	40	59	57	47	83	367	388	268	71	9 900
1949 or earlier	7 452	840	513	449	406	308	442	1 626	1 903	773	192	8 400
YEAR MOVED INTO UNIT												
1969 to March 1970	649	23	—	38	13	—	29	170	258	93	13	10 800
1968	612	38	—	20	—	25	11	152	226	97	43	11 300
1960 to 1967	3 153	108	56	81	103	92	135	799	1 219	460	100	10 800
1959 or earlier	6 065	786	493	379	394	235	323	1 212	1 343	677	223	8 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	7 956	405	273	392	294	279	554	1 924	2 307	1 299	229	9 800
Clothes dryer	7 107	319	85	272	197	255	454	1 769	2 208	1 337	211	10 500
Dishwasher	1 664	68	22	—	38	68	71	284	490	492	131	12 900
Home food freezer	3 688	91	133	174	65	83	223	879	1 167	769	104	10 800
Owned second home	611	22	47	21	35	41	19	111	214	83	18	10 200
With air conditioning	2 535	89	67	115	89	77	117	571	804	415	191	10 900
Room unit(s)	2 273	83	67	105	89	71	117	543	738	343	117	10 400
Central system	262	6	—	10	—	—	—	28	66	72	74	17 100
Automobiles available:												
1	5 487	297	283	336	355	225	408	1 578	1 574	370	61	8 600
2	3 173	49	14	39	43	38	42	581	1 303	803	261	13 000
3 or more	422	7	—	—	—	8	7	63	143	154	40	14 400
Renter occupied housing units	5 644	1 051	467	377	334	335	451	1 356	985	249	39	6 600
ROOMS												
1 room	346	133	69	22	20	15	33	44	10	—	—	2 600
2 rooms	244	52	16	26	47	17	25	53	4	—	—	4 600
3 rooms	1 033	339	119	72	76	58	61	184	82	29	13	3 800
4 rooms	1 608	252	101	140	116	108	132	426	274	59	—	6 700
5 rooms	1 381	153	80	69	44	96	133	346	352	90	18	8 000
6 rooms or more	1 032	122	82	48	31	41	67	303	263	67	8	8 200
PERSONS												
1 person	1 659	530	218	179	152	88	135	226	93	25	13	3 500
2 persons	1 595	170	168	89	102	122	136	413	293	88	14	7 100
3 and 4 persons	1 839	301	81	72	58	106	136	555	439	87	4	9 900
5 persons	317	40	—	21	19	4	10	98	105	16	4	9 000
6 persons or more	234	10	—	16	3	15	34	64	55	33	4	8 800
Units with roomers, boarders, or lodgers	537	255	78	52	30	30	23	42	22	5	—	2 200
BEDROOMS												
None	409	121	51	40	21	20	73	83	—	—	—	3 800
1	1 566	446	136	118	118	127	102	298	119	102	—	4 700
2	2 469	429	140	85	133	77	152	653	548	231	21	8 000
3 or more	1 257	173	19	19	19	35	178	295	333	166	20	8 900
YEAR STRUCTURE BUILT												
1969 to March 1970	189	51	17	4	9	13	24	25	36	10	—	6 000
1960 to 1968	940	148	45	55	43	77	29	215	234	72	22	8 000
1950 to 1959	157	8	10	19	—	5	31	45	34	5	—	7 400
1949 or earlier	4 358	844	395	299	282	240	367	1 071	681	162	17	6 300
YEAR MOVED INTO UNIT												
1969 to March 1970	2 583	549	269	178	110	158	192	637	431	48	11	6 100
1968	846	69	67	43	61	49	45	295	192	25	—	7 900
1960 to 1967	1 537	233	94	149	123	88	158	310	264	98	20	6 500
1959 or earlier	677	171	79	44	46	64	38	115	107	9	4	5 000
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	5 630	1 046	467	377	334	335	446	1 356	981	249	39	6 600
Less than 15 percent	1 467	—	4	26	25	31	102	445	572	223	39	10 900
15 to 19 percent	948	—	14	12	44	51	116	417	282	12	—	8 700
20 to 24 percent	642	—	28	18	58	75	106	275	82	—	—	7 400
25 to 34 percent	670	26	88	113	95	92	93	163	—	—	—	5 100
35 percent or more	1 610	880	310	208	107	72	20	13	—	—	—	2000—
Not computed	293	140	23	—	5	14	9	43	45	14	—	2 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	2 412	240	63	91	119	158	232	625	576	267	41	8 500
Clothes dryer	2 106	224	40	71	73	142	179	623	485	228	41	8 600
Dishwasher	273	39	—	—	—	—	34	20	107	53	20	—
Home food freezer	677	108	—	20	59	—	82	151	155	102	—	8 400
Owned second home	273	80	—	—	—	—	—	—	86	66	41	—
With air conditioning	1 238	145	81	85	77	78	28	333	348	49	14	8 100
Room unit(s)	1 054	132	67	68	70	52	23	320	270	38	14	8 100
Central system	184	13	—	17	7	—	5	13	78	11	—	9 300
Automobiles available:												
1	3 085	304	232	147	183	202	259	1 051	625	56	26	7 600
2	982	93	47	43	53	61	60	213	315	88	9	8 900
3 or more	285	101	44	29	—	17	7	39	32	16	—	2 900

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]

Oshkosh	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	10 484	10 197	5 815	3 905	435	42	287	220	63	4	-
PERSONS											
1 person.....	1 556	1 444	1 444	-	-	-	112	112	-	-	-
2 persons.....	3 322	3 206	3 122	79	-	5	116	104	12	-	-
3 persons.....	1 683	1 649	889	760	-	-	34	4	30	-	-
4 persons.....	1 565	1 565	283	1 282	-	-	-	-	-	-	-
5 persons.....	1 098	1 085	77	968	36	4	13	-	13	-	-
6 persons or more.....	1 260	1 248	-	816	399	33	12	-	8	4	-
Median.....	2.7	2.8	2.0	4.4	6.5	...	1.8	1.5	...	...	-
Units with roomers, boarders, or lodgers.....	193	181	134	38	9	-	12	5	7	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	179	166	59	101	6	-	13	6	7	-	-
1965 to 1968.....	703	703	246	382	68	7	-	-	-	-	-
1960 to 1964.....	630	630	290	309	31	-	-	-	-	-	-
1950 to 1959.....	1 458	1 453	652	735	54	12	5	5	-	-	-
1940 to 1949.....	830	802	494	292	16	-	28	14	14	-	-
1939 or earlier.....	6 679	6 411	4 069	2 052	255	35	268	215	47	6	-
INCOME IN 1969											
Less than \$2,000.....	953	856	798	58	-	-	97	97	-	-	-
\$2,000 to \$2,999.....	568	540	521	10	9	-	28	28	-	-	-
\$3,000 to \$3,999.....	537	509	464	36	4	5	28	28	-	-	-
\$4,000 to \$4,999.....	501	477	412	65	-	-	24	12	12	-	-
\$5,000 to \$5,999.....	393	378	303	75	-	-	15	6	9	-	-
\$6,000 to \$6,999.....	561	542	349	178	11	4	19	10	9	-	-
\$7,000 to \$9,999.....	2 316	2 267	1 034	1 052	161	20	49	33	16	-	-
\$10,000 to \$14,999.....	2 970	2 949	1 171	1 604	165	9	21	-	17	4	-
\$15,000 to \$24,999.....	1 329	1 329	547	704	74	4	-	-	-	-	-
\$25,000 or more.....	356	350	216	123	11	-	6	6	-	-	-
Median.....	\$9 200	\$9 400	\$7 200	\$11 500	\$11 000	...	\$3 700	\$2 500	...	...	-
VALUE-INCOME RATIO											
Specified owner occupied ¹	9 265	9 076	5 073	3 577	394	32	189	145	44	-	-
Less than 1.5.....	3 649	3 587	1 620	1 754	189	24	62	34	28	-	-
1.5 to 1.9.....	1 829	1 817	862	819	136	-	12	4	8	-	-
2.0 to 2.4.....	1 160	1 145	583	518	40	4	15	15	-	-	-
2.5 to 2.9.....	596	569	353	201	11	4	27	27	-	-	-
3.0 to 3.9.....	723	702	515	182	5	-	21	21	-	-	-
4.0 or more.....	1 249	1 201	1 090	98	13	-	48	40	8	-	-
Not computed.....	59	55	50	5	-	-	4	4	-	-	-
HEATING EQUIPMENT											
Steam or hot water.....	1 574	1 551	921	569	51	10	23	15	8	-	-
Warm-air furnace.....	8 036	7 902	4 419	3 104	352	27	134	94	36	4	-
Built-in electric units.....	26	26	20	6	-	-	-	-	-	-	-
Floor, wall, or pipeless furnace.....	180	167	89	73	5	-	13	6	7	-	-
Other means.....	662	545	366	147	27	5	117	105	12	-	-
None.....	6	6	-	6	-	-	-	-	-	-	-
Renter occupied housing units	5 644	5 086	2 507	2 343	217	19	558	280	269	9	-
PERSONS											
1 person.....	1 659	1 241	1 103	138	-	-	418	219	199	-	-
2 persons.....	1 595	1 493	1 157	327	-	9	102	57	45	-	-
3 persons.....	1 113	1 093	224	858	11	-	20	4	16	-	-
4 persons.....	726	718	14	667	37	-	8	-	4	-	-
5 persons.....	317	312	9	233	70	-	5	-	5	-	-
6 persons or more.....	234	229	-	120	99	10	5	-	5	-	-
Median.....	2.2	2.4	1.6	3.3	5.4	...	1.2	1.1	1.2	...	-
Units with roomers, boarders, or lodgers.....	537	505	138	326	36	5	32	6	26	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	188	188	67	121	-	-	-	-	-	-	-
1965 to 1968.....	706	692	318	309	65	-	14	8	6	-	-
1960 to 1964.....	237	237	105	125	7	-	-	-	-	-	-
1950 to 1959.....	166	158	62	86	10	-	8	8	-	-	-
1940 to 1949.....	347	325	143	169	6	7	22	14	8	-	-
1939 or earlier.....	3 999	3 441	1 796	1 496	143	6	558	268	278	12	-
INCOME IN 1969											
Less than \$2,000.....	1 051	855	428	381	36	10	196	88	108	-	-
\$2,000 to \$2,999.....	467	385	241	144	-	-	82	37	45	-	-
\$3,000 to \$3,999.....	377	330	214	107	4	5	47	20	22	5	-
\$4,000 to \$4,999.....	334	299	193	89	17	-	35	26	9	-	-
\$5,000 to \$5,999.....	335	312	168	132	12	-	23	10	9	4	-
\$6,000 to \$6,999.....	451	387	184	184	19	-	64	36	28	-	-
\$7,000 to \$9,999.....	1 356	1 266	547	658	57	4	90	47	43	-	-
\$10,000 to \$14,999.....	985	970	406	519	45	-	15	10	5	-	-
\$15,000 to \$24,999.....	249	243	99	121	23	-	6	6	-	-	-
\$25,000 or more.....	39	39	27	8	4	-	-	-	-	-	-
Median.....	\$6 600	\$6 900	\$6 100	\$7 600	\$8 100	...	\$3 000	\$3 800	\$2 600	...	-
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	5 630	5 072	2 498	2 338	217	19	558	280	269	9	-
Less than 10 percent.....	417	350	141	170	35	4	67	29	38	-	-
10 to 14 percent.....	1 050	929	435	470	24	-	121	59	62	-	-
15 to 19 percent.....	948	900	436	412	52	-	48	34	14	-	-
20 to 24 percent.....	642	612	251	335	26	-	30	13	17	-	-
25 to 34 percent.....	670	608	326	258	24	-	62	27	26	9	-
35 percent or more.....	1 610	1 410	735	609	51	15	200	93	107	-	-
Not computed.....	293	263	174	84	5	-	30	25	5	-	-
HEATING EQUIPMENT											
Steam or hot water.....	1 474	1 267	697	525	45	-	207	60	147	-	-
Warm-air furnace.....	2 988	2 784	1 306	1 366	102	10	204	110	94	-	-
Built-in electric units.....	124	124	43	87	24	-	-	-	-	-	-
Floor, wall, or pipeless furnace.....	200	187	103	67	17	-	13	7	6	-	-
Other means.....	858	724	358	328	29	9	134	103	22	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]

Oshkosh	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	10 484	9	23	223	1 263	3 079	2 555	1 886	1 446	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	10 042	13	6	165	1 098	2 874	2 531	1 875	1 480	5.8
PERSONS										
1 person	1 556	—	18	113	320	501	239	252	113	5.2
2 persons	3 322	5	5	86	675	993	829	422	307	5.4
3 persons	1 683	—	—	20	154	616	412	297	184	5.6
4 persons	1 565	—	—	—	69	464	429	320	283	6.1
5 persons	1 098	—	—	4	36	275	353	271	159	6.2
6 persons or more	1 260	4	—	—	9	230	293	324	400	6.8
Median	2.7	...	...	1.5	2.0	2.6	3.0	3.4	3.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	10 197	9	10	183	1 187	2 997	2 513	1 856	1 442	5.8
0.50 or less	5 815	—	5	89	924	1 445	1 442	950	960	5.8
0.51 to 1.00	3 905	—	5	90	218	1 326	958	860	448	5.8
1.01 to 1.50	435	—	—	—	45	213	102	41	34	5.3
1.51 or more	42	9	—	4	—	13	—	5	—	...
Lacking some or all plumbing facilities	287	—	13	40	76	82	42	30	4	4.7
0.50 or less	220	—	13	24	71	49	38	21	4	4.5
0.51 to 1.00	63	—	—	16	5	29	4	9	—	...
1.01 to 1.50	4	—	—	—	—	4	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	574	—	44	246	261	23	—	—	—	3.5
2	3 244	—	—	41	1 135	1 541	312	169	46	4.8
3	4 574	—	—	—	20	1 637	1 698	918	301	5.9
4 or more	2 009	—	—	—	—	19	309	711	970	7.5
YEAR STRUCTURE BUILT										
1969 to March 1970	171	—	—	4	13	91	20	23	20	5.3
1960 to 1968	1 391	5	—	6	90	539	296	204	251	5.7
1950 to 1959	1 470	—	5	18	348	598	319	129	53	5.1
1949 or earlier	7 452	4	18	195	812	1 851	1 920	1 530	1 122	5.9
COMPLETE BATHROOMS										
1 and 1 1/2	8 827	13	6	148	1 044	2 673	2 295	1 597	1 051	5.7
2 or more	1 229	—	—	17	60	201	244	278	429	6.8
None or also used by another household	423	—	7	45	101	132	87	39	12	4.9
VALUE-INCOME RATIO										
Specified owner occupied ¹	9 265	4	—	133	1 014	2 669	2 289	1 793	1 363	5.9
Less than 1.5	3 649	—	—	59	302	904	999	797	588	6.1
1.5 to 1.9	1 829	—	—	15	189	534	457	366	268	5.9
2.0 to 2.9	1 756	4	—	13	169	609	417	303	241	5.7
3.0 or more	1 972	—	—	46	337	608	412	318	251	5.5
Not computed	59	—	—	—	17	14	4	9	15	...
Renter occupied housing units	5 644	346	244	1 033	1 608	1 381	584	273	175	4.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 726	47	127	841	1 446	1 335	558	219	153	4.4
PERSONS										
1 person	1 659	337	192	530	343	179	39	23	16	3.1
2 persons	1 595	9	41	331	555	501	96	42	20	4.3
3 persons	1 113	—	11	131	414	329	154	46	28	4.5
4 persons	726	—	—	41	211	235	137	88	14	5.0
5 persons	317	—	—	—	75	86	86	36	34	5.5
6 persons or more	234	—	—	—	10	51	72	38	63	6.3
Median	2.2	1.0	1.1	1.5	2.3	2.5	3.5	3.8	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	5 086	147	157	890	1 551	1 328	570	268	175	4.4
0.50 or less	2 507	—	120	421	856	637	280	106	87	4.3
0.51 to 1.00	2 343	138	26	432	615	640	255	156	81	4.4
1.01 to 1.50	217	—	11	37	70	51	35	6	7	4.4
1.51 or more	19	9	—	—	10	—	—	—	—	...
Lacking some or all plumbing facilities	558	199	87	143	57	53	14	5	—	2.4
0.50 or less	280	—	72	109	42	43	9	5	—	3.1
0.51 to 1.00	269	199	15	30	10	10	5	—	—	1.2
1.01 to 1.50	9	—	—	4	5	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None	409	311	78	20	—	—	—	—	—	1.2
1	1 566	—	155	858	470	62	21	—	—	3.2
2	2 469	—	—	70	1 139	955	226	39	40	4.5
3 or more	1 257	—	—	—	40	337	425	274	181	6.1
YEAR STRUCTURE BUILT										
1969 to March 1970	189	—	—	38	60	68	19	—	4	4.4
1960 to 1968	940	11	33	214	427	206	38	6	5	4.0
1950 to 1959	157	5	4	33	68	23	24	—	—	4.0
1949 or earlier	4 358	330	207	748	1 053	1 084	503	267	166	4.3
COMPLETE BATHROOMS										
1 and 1 1/2	4 727	138	127	866	1 454	1 281	540	203	118	4.3
2 or more	149	8	7	—	—	54	18	16	46	5.8
None or also used by another household	767	216	108	172	148	63	28	32	—	2.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	5 630	346	244	1 033	1 608	1 381	575	273	170	4.2
Less than 10 percent	417	48	26	71	122	91	35	20	4	4.0
10 to 14 percent	1 050	78	48	158	284	285	108	64	25	4.3
15 to 19 percent	948	10	32	113	309	292	119	40	33	4.5
20 to 24 percent	642	35	23	106	163	209	68	33	5	4.5
25 to 34 percent	670	36	32	100	247	155	62	21	17	4.2
35 percent or more	1 610	134	67	442	442	301	128	48	48	3.9
Not computed	293	5	16	43	41	48	55	47	38	5.4

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 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)

Oshkosh	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	10 484	9 488	975	21	5 644	1 330	2 253	672	449	451	484	5
ROOMS												
1 room	9	4	-	5	346	5	-	36	75	80	150	-
2 rooms	23	-	18	5	244	5	25	80	58	32	44	-
3 rooms	223	133	84	6	1 033	73	437	224	104	73	117	5
4 rooms	1 263	1 039	224	-	1 608	253	726	193	168	124	144	-
5 rooms	3 079	2 724	355	-	1 381	362	747	101	39	112	20	-
6 rooms	2 555	2 371	184	-	584	292	235	19	5	24	9	-
7 rooms	1 884	1 818	63	5	273	215	47	11	-	-	-	-
8 rooms or more	1 446	1 399	47	-	175	125	36	8	-	6	-	-
Median	5.8	5.9	5.0	...	4.2	5.4	4.4	3.5	3.4	3.8	2.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 197	9 299	877	21	5 086	1 290	2 114	548	335	386	408	5
0.50 or less	5 815	5 223	592	-	2 507	572	1 124	294	187	161	164	5
0.51 to 1.00	3 905	3 646	243	16	2 343	649	907	242	144	195	206	-
1.01 to 1.50	435	398	37	-	217	69	73	12	-	25	38	-
1.51 or more	42	32	5	5	19	10	-	4	-	5	-	-
Lacking some or all plumbing facilities	287	189	98	-	558	40	139	124	114	65	76	-
0.50 or less	220	145	75	-	280	30	107	87	44	12	-	-
0.51 to 1.00	63	44	19	-	269	5	32	33	70	53	76	-
1.01 to 1.50	4	-	4	-	9	5	-	4	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
BEDROOMS												
None	-	-	-	-	409	-	-	62	106	81	160	-
1	574	278	296	-	1 566	158	707	305	181	116	99	-
2	3 244	2 950	294	-	2 469	538	1 210	247	149	183	142	-
3	4 574	4 297	259	18	923	475	259	107	22	60	-	-
4 or more	2 009	1 902	107	-	334	304	30	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	171	171	-	-	189	13	41	40	43	52	-	-
1965 to 1968	716	687	19	10	688	50	76	73	80	188	221	-
1960 to 1964	675	665	4	6	252	49	21	39	31	76	36	-
1950 to 1959	1 470	1 465	-	5	157	97	28	22	5	-	-	5
1940 to 1949	828	800	28	-	388	131	191	33	28	5	-	-
1939 or earlier	6 624	5 700	924	-	3 970	990	1 896	465	262	130	227	-
INCOME IN 1969												
Less than \$2,000	953	748	205	-	1 051	174	366	168	92	92	159	-
\$2,000 to \$2,999	568	480	88	-	467	74	208	64	30	25	66	-
\$3,000 to \$3,999	537	482	50	5	377	69	124	65	76	32	11	-
\$4,000 to \$4,999	501	436	65	-	334	67	133	45	31	44	14	-
\$5,000 to \$5,999	393	358	29	6	335	75	133	34	51	19	23	-
\$6,000 to \$6,999	561	496	65	-	451	103	219	55	16	19	34	5
\$7,000 to \$9,999	2 316	2 117	194	5	1 356	336	621	129	94	106	70	-
\$10,000 to \$14,999	2 970	2 779	191	-	985	323	384	93	30	76	79	-
\$15,000 to \$24,999	1 329	1 252	72	5	249	97	54	19	29	34	16	-
\$25,000 or more	356	340	16	-	39	12	11	-	-	4	12	-
Median	\$9 200	\$9 500	\$6 800	...	\$6 600	\$7 900	\$6 700	\$4 900	\$4 900	\$6 700	\$4 400	...
YEAR MOVED INTO UNIT												
1969 to March 1970	649	587	47	15	2 583	491	1 002	296	238	301	255	-
1968	612	536	76	-	846	205	312	106	72	51	100	-
1967	457	448	9	-	340	87	167	40	14	25	-	7
1965 and 1966	1 083	1 009	74	-	643	205	232	50	63	59	34	-
1960 to 1964	1 613	1 499	114	-	554	139	242	77	38	15	43	-
1950 to 1959	2 651	2 478	167	6	406	79	236	54	7	-	30	-
1949 or earlier	3 414	2 947	467	-	271	76	114	29	24	-	28	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	5 630	1 316	2 253	672	449	451	484	5
Less than \$50	...	...	...	...	288	5	69	51	71	65	27	-
\$50 to \$59	...	...	...	...	234	22	66	52	41	5	48	-
\$60 to \$69	...	...	...	...	270	16	113	61	21	15	44	-
\$70 to \$79	...	...	...	...	361	76	168	52	34	15	16	-
\$80 to \$99	...	...	...	...	812	140	439	105	62	16	45	5
\$100 to \$119	...	...	...	...	1 000	209	566	117	48	24	36	-
\$120 to \$149	...	...	...	...	1 029	282	447	97	80	78	45	-
\$150 to \$199	...	...	...	...	1 163	362	232	125	83	187	174	-
\$200 to \$299	...	...	...	...	249	72	77	12	4	35	49	-
\$300 or more	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent	...	...	...	...	224	132	76	-	5	11	-	-
Median	...	...	...	...	\$115	\$133	\$108	\$103	\$98	\$151	\$137	...
HEATING EQUIPMENT												
Steam or hot water	1 574	1 340	234	-	1 474	136	403	200	190	243	302	-
Warm-air furnace	8 036	7 377	649	10	2 988	765	1 368	367	188	186	109	5
Built-in electric units	26	26	-	-	124	24	15	13	5	5	62	-
Floor, wall, or pipeless furnace	180	146	34	-	200	79	67	19	18	6	11	-
Other means	662	593	58	11	858	326	400	73	48	11	-	-
None	6	6	-	-	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	2 273	2 042	210	21	1 054	227	318	102	55	158	187	7
Central system	262	255	7	-	184	17	21	42	-	78	26	-
None	7 944	7 207	737	-	4 405	1 038	1 966	508	401	215	277	-
AUTOMOBILES AVAILABLE												
1	5 487	5 004	462	21	3 085	671	1 346	316	217	267	261	7
2	3 173	2 962	211	-	982	304	356	118	75	90	39	-
3 or more	422	397	25	-	285	71	95	33	39	12	35	-
None	1 397	1 141	256	-	1 291	236	508	185	125	82	155	-

¹Excludes 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]

Oshkosh	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	10 484	109	1 202	1 635	3 399	1 351	162	95	648	327	565	991
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 197	99	1 198	1 618	3 354	1 293	158	84	640	309	523	921
0.50 or less	5 815	54	208	231	1 863	1 139	89	63	443	281	523	921
0.51 to 1.00	3 905	45	848	1 210	1 374	137	58	21	188	24	—	—
1.01 to 1.50	435	—	132	154	108	17	—	9	—	—	—	—
1.51 or more	42	—	10	23	9	—	—	—	—	—	—	—
Lacking some or all plumbing facilities	287	10	4	17	45	58	4	11	8	18	42	70
0.50 or less	220	6	—	—	24	44	—	11	5	18	42	70
0.51 to 1.00	63	4	4	13	21	14	—	—	3	—	—	—
1.01 to 1.50	4	—	—	4	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	9 488	89	1 128	1 547	3 133	1 209	152	95	584	304	455	792
2 or more	975	20	74	83	256	142	10	—	58	23	110	199
Mobile home or trailer	21	—	—	5	10	—	—	—	6	—	—	—
INCOME IN 1969												
Less than \$2,000	953	18	—	4	38	109	—	11	61	57	110	545
\$2,000 to \$2,999	568	—	—	—	22	188	6	22	17	31	63	219
\$3,000 to \$3,999	537	5	—	—	27	225	—	17	55	29	66	108
\$4,000 to \$4,999	501	8	—	5	78	177	—	6	53	31	95	43
\$5,000 to \$5,999	393	6	6	—	80	104	10	—	86	22	64	15
\$6,000 to \$6,999	561	—	50	51	184	88	20	10	65	15	44	34
\$7,000 to \$9,999	2 316	38	496	391	817	200	44	12	169	61	84	4
\$10,000 to \$14,999	2 970	23	545	784	1 204	131	77	17	106	48	21	14
\$15,000 to \$24,999	1 329	6	88	337	735	88	—	—	30	29	12	4
\$25,000 or more	356	5	17	53	214	41	5	—	6	4	6	5
Median	\$9 200	\$8 400	\$10 400	\$12 300	\$11 900	\$4 900	\$10 100	...	\$6 800	\$5 700	\$4 500	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied ¹	9 265	89	1 116	1 531	3 074	1 175	144	90	567	286	436	757
Less than 1.5	3 649	43	347	711	1 783	292	69	34	174	110	46	40
1.5 to 1.9	1 829	10	382	399	643	152	61	—	79	46	43	14
2.0 to 2.4	1 160	4	229	236	341	158	—	16	89	5	59	23
2.5 to 2.9	596	4	82	125	94	117	—	6	49	11	59	49
3.0 to 3.9	723	6	76	38	143	192	14	6	54	45	38	111
4.0 or more	1 249	22	—	22	70	259	—	28	109	69	171	499
Not computed	59	—	—	—	—	5	—	—	13	—	20	21
Renter occupied housing units	5 644	854	966	347	473	186	488	16	586	69	1 105	554
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	5 086	841	932	342	464	177	463	16	550	60	802	439
0.50 or less	2 507	322	249	67	252	122	161	12	172	47	681	422
0.51 to 1.00	2 343	484	608	231	196	55	278	4	336	13	121	17
1.01 to 1.50	217	31	75	44	16	—	19	—	32	—	—	—
1.51 or more	19	4	—	—	—	—	5	—	10	—	—	—
Lacking some or all plumbing facilities	558	13	34	5	9	9	25	—	36	9	303	115
0.50 or less	280	9	16	—	9	5	6	—	7	9	133	86
0.51 to 1.00	269	—	13	5	—	4	19	—	29	—	170	29
1.01 to 1.50	9	4	5	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	1 330	103	378	171	189	67	92	8	121	26	107	68
2 to 4	2 925	598	417	151	234	71	238	8	339	39	472	358
5 to 19	900	111	140	16	50	19	117	—	65	—	326	56
20 or more	484	42	31	9	—	29	41	—	61	4	195	72
Mobile home or trailer	5	—	—	—	—	—	—	—	—	—	5	—
GROSS RENT												
Specified renter occupied ²	5 630	854	961	343	473	186	488	16	586	69	1 105	549
Less than \$50	288	9	—	4	9	—	11	—	14	4	169	68
\$50 to \$59	234	6	5	—	6	11	20	—	—	—	112	74
\$60 to \$69	270	16	13	6	28	10	10	—	4	—	137	46
\$70 to \$79	361	39	28	10	19	33	17	4	44	4	101	62
\$80 to \$99	812	119	128	27	61	31	61	—	76	—	214	95
\$100 to \$119	1 000	287	183	66	72	40	43	—	88	31	120	70
\$120 to \$149	1 029	247	238	72	100	21	69	12	100	3	130	37
\$150 to \$199	1 163	126	290	114	113	17	176	—	175	9	100	43
\$200 to \$299	249	—	54	29	9	4	76	—	77	—	—	—
\$300 or more	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	224	5	22	15	56	19	5	—	8	18	22	54
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	5 630	854	961	343	473	186	488	16	586	69	1 105	549
Less than \$5,000	2 224	171	45	19	46	129	316	4	396	24	604	470
Less than 20 percent	125	5	—	—	11	—	—	—	9	—	71	29
20 to 24 percent	104	14	—	—	—	6	—	—	14	—	55	15
25 to 34 percent	322	31	17	6	6	25	28	—	25	10	106	68
35 percent or more	1 505	121	28	13	19	87	270	4	328	3	323	309
Not computed	168	—	—	—	10	11	18	—	20	11	49	49
\$5,000 to \$9,999	2 137	524	480	139	181	31	135	12	150	36	370	79
Less than 20 percent	1 162	328	265	50	97	16	44	—	50	4	276	32
20 to 24 percent	456	99	98	33	58	—	35	8	37	9	55	24
25 to 34 percent	348	75	94	37	—	—	41	4	49	11	26	11
35 percent or more	105	17	23	9	—	10	15	—	10	5	9	7
Not computed	66	5	—	10	26	5	—	—	4	7	4	5
\$10,000 to \$14,999	981	159	351	137	163	20	26	—	27	5	93	—
Less than 20 percent	854	154	290	116	131	17	26	—	27	5	88	—
20 to 24 percent	82	5	39	16	17	—	—	—	—	—	5	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	45	—	22	5	15	3	—	—	—	—	—	—
\$15,000 or more	288	—	85	48	83	6	11	—	13	4	38	—
Less than 20 percent	274	—	85	48	78	6	11	—	9	4	33	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	14	—	—	—	5	—	—	—	4	—	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-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]

Oshkosh	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	10 484	1 556	3 322	1 683	1 565	1 098	705	338	217	2.7
BEDROOMS										
None and 1	574	229	298	47	-	-	-	-	-	1.7
2	3 244	817	1 506	531	258	95	37	-	-	2.0
3	4 574	581	1 042	872	751	804	298	226	-	3.3
4 or more	2 009	104	199	282	406	309	263	165	281	4.5
YEAR STRUCTURE BUILT										
1969 to March 1970	171	10	23	49	39	35	-	6	9	3.6
1965 to 1968	716	18	124	103	206	141	70	41	13	4.0
1960 to 1964	675	35	167	137	123	112	77	14	10	3.5
1950 to 1959	1 470	159	429	309	273	176	66	39	19	3.0
1940 to 1949	828	144	315	131	105	76	36	12	9	2.4
1939 or earlier	6 624	1 190	2 264	954	819	558	456	226	157	2.4
UNITS IN STRUCTURE										
1	9 488	1 247	2 979	1 551	1 494	1 062	636	319	200	2.8
2 or more	975	309	333	126	66	36	69	19	17	2.0
Mobile home or trailer	21	-	10	6	5	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	8 827	1 258	2 876	1 435	1 354	899	622	225	158	2.7
2 and 2 1/2	1 151	97	293	183	241	122	96	76	43	3.5
3 or more	78	8	14	-	14	23	8	6	5	...
None or also used by another household	423	132	178	60	20	10	17	6	-	1.9
HOUSEHOLD COMPOSITION										
Two-or-more-person households	8 928	...	3 322	1 683	1 565	1 098	705	338	217	3.2
Male head, wife present, no nonrelatives	7 696	...	2 627	1 426	1 391	1 048	670	322	212	3.4
Under 25 years	109	...	32	46	13	14	4	-	-	3.0
25 to 34 years	1 202	...	48	213	391	307	167	57	19	4.4
35 to 44 years	1 635	...	68	124	381	447	270	209	136	5.0
45 to 64 years	3 399	...	1 354	859	591	270	219	52	54	2.9
65 years and over	1 351	...	1 125	184	15	10	10	4	3	2.1
Other male head	257	...	123	62	29	19	13	11	-	2.6
Under 65 years	162	...	60	51	13	19	8	11	-	2.9
65 years and over	95	...	63	11	16	-	5	-	-	...
Female head	975	...	572	195	145	31	22	5	5	2.4
Under 65 years	648	...	327	158	108	23	22	5	5	2.5
65 years and over	327	...	245	37	37	8	-	-	-	2.2
One-person households	1 556	1 556	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	9 265	1 193	2 913	1 512	1 462	1 037	629	319	200	2.8
Less than 1.5	3 649	86	1 005	825	671	445	345	146	126	3.4
1.5 to 1.9	1 829	57	573	287	348	279	139	106	40	3.5
2.0 to 2.4	1 160	82	394	158	219	196	61	45	5	3.2
2.5 to 2.9	596	108	197	86	81	56	42	7	19	2.5
3.0 to 3.9	723	149	323	92	96	25	23	10	5	2.2
4.0 or more	1 249	670	412	60	47	36	19	-	5	1.4
Not computed	59	41	9	4	-	-	-	5	-	...
Renter occupied housing units	5 644	1 659	1 595	1 113	726	317	120	70	44	2.2
BEDROOMS										
None	409	327	82	-	-	-	-	-	-	1.1
1	1 566	827	598	120	21	-	-	-	-	1.4
2	2 469	298	851	759	474	87	-	-	-	2.6
3 or more	1 257	24	118	268	434	181	125	90	17	4.0
YEAR STRUCTURE BUILT										
1969 to March 1970	189	25	49	46	66	3	-	-	-	2.9
1965 to 1968	688	127	252	165	89	34	21	5	-	2.4
1960 to 1964	252	46	85	72	35	9	5	-	-	2.4
1950 to 1959	157	51	38	27	22	10	3	6	5	2.2
1940 to 1949	388	101	96	108	61	9	3	5	5	2.5
1939 or earlier	3 970	1 309	1 075	695	453	252	88	59	39	2.1
UNITS IN STRUCTURE										
1	1 330	175	308	289	266	145	82	44	21	3.1
2	2 253	535	756	522	251	119	29	18	23	2.3
3 and 4	672	295	185	89	67	32	-	4	-	1.7
5 to 9	449	229	74	31	-	-	-	-	-	1.5
10 to 19	451	153	136	80	62	16	4	-	-	2.0
20 or more	484	267	95	59	49	5	5	4	-	1.4
Mobile home or trailer	5	5	-	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	4 727	1 187	1 401	996	630	304	99	57	53	2.3
2 or more	149	31	24	40	25	17	12	-	-	3.0
None or also used by another household	767	497	163	67	18	12	10	-	-	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 985	...	1 595	1 113	726	317	120	70	44	2.9
Male head, wife present, no nonrelatives	2 826	...	1 082	819	470	260	91	60	44	2.9
Under 25 years	854	...	406	327	81	40	-	-	-	2.6
25 to 34 years	966	...	253	263	242	117	42	22	27	3.4
35 to 44 years	347	...	41	77	79	81	35	28	6	4.2
45 to 64 years	473	...	204	147	68	19	14	10	11	2.7
65 years and over	186	...	178	5	-	3	-	-	-	2.0
Other male head	504	...	224	125	142	8	5	-	-	2.7
Under 65 years	488	...	212	125	138	8	5	-	-	2.8
65 years and over	16	...	12	-	4	-	-	-	-	...
Female head	655	...	289	169	114	49	24	10	-	2.7
Under 65 years	586	...	229	160	114	49	24	10	-	2.9
65 years and over	69	...	60	9	-	-	-	-	-	...
One-person households	1 659	1 659	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	5 630	1 654	1 595	1 109	726	317	120	65	44	2.2
Less than 10 percent	417	122	114	91	35	28	15	8	4	2.3
10 to 14 percent	1 050	254	327	211	174	60	13	8	3	2.3
15 to 19 percent	948	153	324	235	118	62	15	24	17	2.5
20 to 24 percent	642	154	180	129	95	42	37	-	5	2.4
25 to 34 percent	670	211	177	139	72	46	11	6	8	2.2
35 percent or more	1 610	648	399	255	195	67	20	19	7	1.9
Not computed	293	112	74	49	37	12	9	-	-	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 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]

Oshkosh	Total	Less than 2 months	2 up to 6 months	6 months or more	Oshkosh	Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	12	-	9	3	Vacant for rent	164	86	47	31
ROOMS					ROOMS				
1 to 3 rooms	-	-	-	-	1 room	36	20	12	4
4 rooms	3	-	3	-	2 rooms	7	7	-	-
5 rooms	3	-	3	-	3 rooms	12	6	2	4
6 rooms	3	-	3	-	4 rooms	42	22	14	6
7 rooms or more	3	-	-	3	5 rooms	41	26	-	15
					6 rooms	12	3	7	2
					7 rooms or more	14	2	12	-
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	9	-	6	3	With all plumbing facilities	125	63	35	27
Lacking some or all plumbing facilities	3	-	3	-	Lacking some or all plumbing facilities	39	23	12	4
BEDROOMS					BEDROOMS				
None and 1	-	-	-	-	None	17	-	17	-
2	11	-	11	-	1	67	56	-	11
3	-	-	-	-	2	65	39	16	10
4 or more	11	-	-	11	3 or more	44	11	33	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	3	-	3	-	1969 to March 1970	7	5	2	-
1960 to 1968	-	-	-	-	1960 to 1968	18	14	-	4
1950 to 1959	6	-	3	3	1950 to 1959	6	2	4	-
1949 or earlier	3	-	3	-	1949 or earlier	133	65	41	27
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	12	-	9	3	1	24	10	11	3
2 or more	-	-	-	-	2 to 4	87	41	26	20
					5 to 9	23	13	10	-
					10 to 19	18	10	-	8
					20 or more	12	12	-	-
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	-	-	-	-	Specified vacant for rent ²	164	86	47	31
Warm-air furnace	9	-	6	3	Less than \$50	32	13	12	7
Built-in electric units	-	-	-	-	\$50 to \$59	15	8	7	-
Floor, wall, or pipeless furnace	-	-	-	-	\$60 to \$79	15	5	8	2
Other means	3	-	3	-	\$80 to \$99	18	15	-	3
None	-	-	-	-	\$100 to \$119	40	22	6	12
SALES PRICE ASKED					\$120 to \$149	22	7	12	3
Specified vacant for sale ¹	12	-	9	3	\$150 to \$199	22	16	2	4
Less than \$5,000	-	-	-	-	\$200 or more	-	-	-	-
\$5,000 to \$9,999	3	-	3	-	Median rent asked	\$101	...	...	...
\$10,000 to \$14,999	-	-	-	-					
\$15,000 to \$19,999	-	-	-	-					
\$20,000 to \$24,999	-	-	-	-					
\$25,000 to \$34,999	6	-	6	-					
\$35,000 to \$49,999	-	-	-	-					
\$50,000 or more	3	-	-	3					
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]

Oshkosh	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	12	3	-	-	-	6	3	164	47	15	18	62	22	-
PLUMBING FACILITIES														
With all plumbing facilities	11	-	-	-	-	11	159	16	-	50	82	11	-	
Lacking some or all plumbing facilities	11	11	-	-	-	-	34	34	-	-	-	-	-	
BEDROOMS														
None and 1	-	-	-	-	-	-	84	34	-	39	11	-	-	
2	11	11	-	-	-	-	65	-	-	54	11	-	-	
3	-	-	-	-	-	-	11	-	11	-	-	-	-	
4 or more	11	-	-	-	-	11	33	16	-	17	-	-	-	
YEAR STRUCTURE BUILT														
1969 to March 1970	3	-	-	-	-	3	7	-	-	2	-	5	-	
1960 to 1968	-	-	-	-	-	-	18	-	-	3	3	12	-	
1950 to 1959	6	-	-	-	-	3	6	4	-	-	-	2	-	
1949 or earlier	3	3	-	-	-	-	133	43	15	13	59	3	-	
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	24	13	2	3	6	-	-
2 to 4	...	...	...	...	...	...	87	13	9	9	49	7	-
5 to 9	...	...	...	...	...	...	41	18	4	6	4	9	-
20 or more	...	...	...	...	...	...	12	3	-	-	3	6	-
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	57	27	8	10	12	-	-
Some or no utilities included	...	...	...	...	...	...	107	20	7	8	50	22	-

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.)

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>• ■ •</p> <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? _____ <i>Phone number</i></p> <p><input type="radio"/> No</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? <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? <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>■</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— 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><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>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. <i>If rent is paid by the month—</i></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>b. <i>If rent is not paid by the month—</i></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 style="text-align: center;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:50%; text-align: center;">4. Block number</th> <th style="width:50%; text-align: center;">5. Serial number</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">0 0 0 0</td><td style="text-align: center;">0 0 0 0 0</td></tr> <tr><td style="text-align: center;">1 0 0 0</td><td style="text-align: center;">1 0 0 0 1</td></tr> <tr><td style="text-align: center;">2 0 0 0</td><td style="text-align: center;">2 0 0 0 2</td></tr> <tr><td style="text-align: center;">3 0 0 0</td><td style="text-align: center;">3 0 0 0 3</td></tr> <tr><td style="text-align: center;">4 0 0 0</td><td style="text-align: center;">4 0 0 0 4</td></tr> <tr><td style="text-align: center;">5 0 0 0</td><td style="text-align: center;">5 0 0 0 5</td></tr> <tr><td style="text-align: center;">6 0 0 0</td><td style="text-align: center;">6 0 0 0 6</td></tr> <tr><td style="text-align: center;">7 0 0 0</td><td style="text-align: center;">7 0 0 0 7</td></tr> <tr><td style="text-align: center;">8 0 0 0</td><td style="text-align: center;">8 0 0 0 8</td></tr> <tr><td style="text-align: center;">9 0 0 0</td><td style="text-align: center;">9 0 0 0 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>■</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>	4. Block number	5. Serial number	0 0 0 0	0 0 0 0 0	1 0 0 0	1 0 0 0 1	2 0 0 0	2 0 0 0 2	3 0 0 0	3 0 0 0 3	4 0 0 0	4 0 0 0 4	5 0 0 0	5 0 0 0 5	6 0 0 0	6 0 0 0 6	7 0 0 0	7 0 0 0 7	8 0 0 0	8 0 0 0 8	9 0 0 0	9 0 0 0 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 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 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>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)

<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 Average monthly cost <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used</p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost <input type="radio"/> No, gas not used</p> <p>c. Water? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used</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 one circle for the kind of heat you use most.</p> <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>	<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>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"/> 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>	<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>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 <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>
<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 <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>	<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— <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>	<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 checked="" type="radio"/> No</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to— <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>	<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
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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.

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, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national 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.

U.S. DEPARTMENT OF COMMERCE
Social and Economic Statistics Administration
BUREAU OF THE CENSUS
Washington, D.C. 20233

POSTAGE AND FEES PAID
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Table

1, 11, 19	VALUE
<hr/>	
2, 12, 20	GROSS RENT
<hr/>	
3, 13, 21	INCOME IN 1969
<hr/>	
4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
<hr/>	
5, 15, 23	ROOMS
<hr/>	
6, 16, 24	UNITS IN STRUCTURE
<hr/>	
7, 17, 25	HOUSEHOLD COMPOSITION
<hr/>	
8, 18, 26	PERSONS
<hr/>	
9	DURATION OF VACANCY
<hr/>	
10	SALES PRICE ASKED AND RENT ASKED
