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Metropolitan Housing Characteristics

LAS VEGAS, NEV.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-111

1970 CENSUS OF HOUSING

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

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THE CENSUS

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LAS VEGAS, NEV.

**STANDARD METROPOLITAN
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†	—	—	—
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†	—	—

¹Vacant 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

Las Vegas, Nev.

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 111.]

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MAP

Counties, Standard Metropolitan
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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

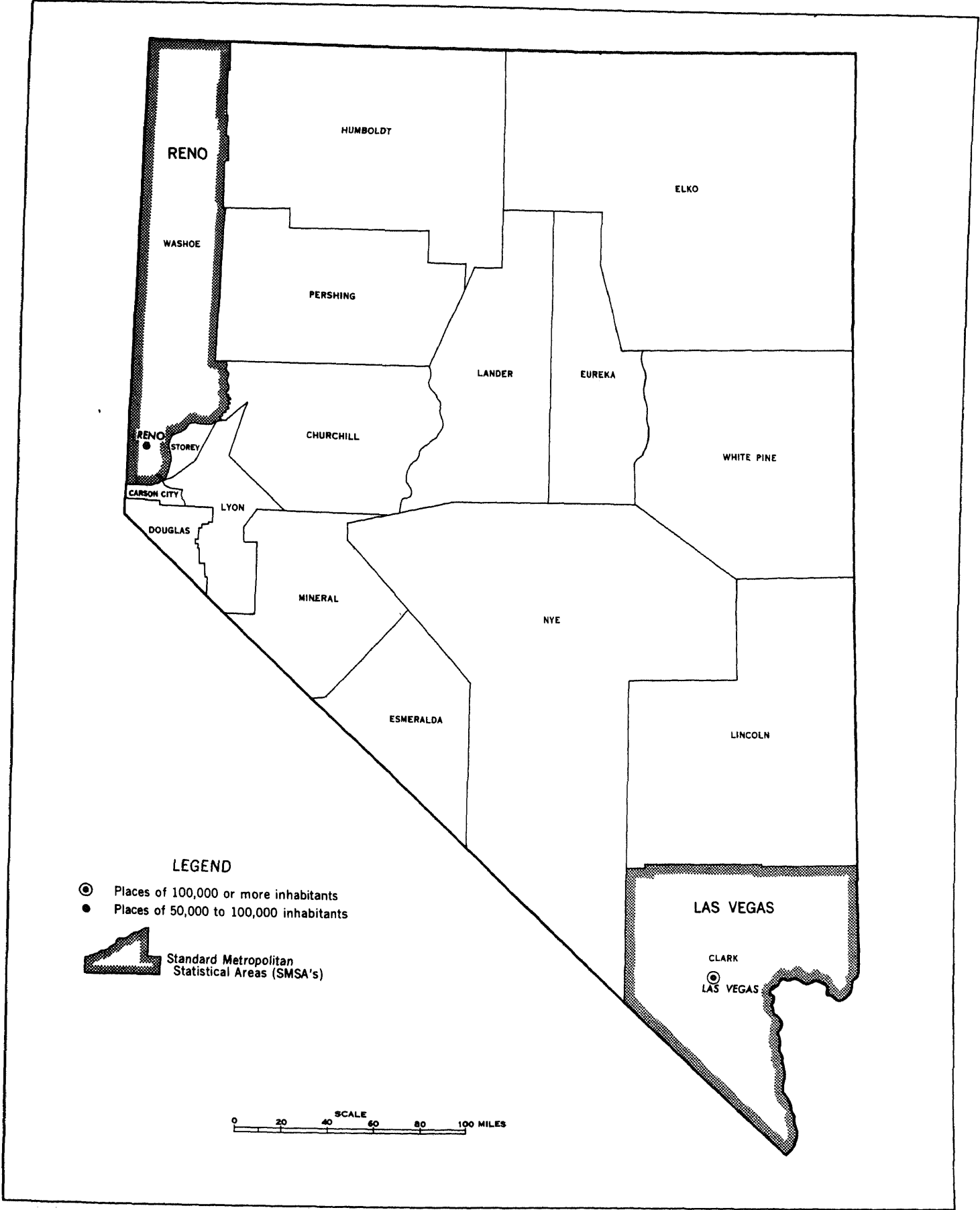


Table A-1. Value of Owner Occupied Housing Units: 1970

[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	40 263	45	190	357	834	1 460	9 559	12 231	9 865	3 898	1 824	23 100
ROOMS												
1 and 2 rooms	124	21	30	—	11	—	21	9	11	10	11	12 500
3 rooms	504	10	35	34	46	62	115	86	34	50	32	17 100
4 rooms	3 845	8	88	187	354	522	1 497	713	287	93	96	17 600
5 rooms	14 568	—	25	100	304	641	5 136	5 036	2 649	532	145	21 100
6 rooms	13 241	6	12	25	99	170	2 412	4 799	4 133	1 274	311	24 100
7 rooms	5 285	—	—	11	20	54	325	1 339	2 097	1 010	429	29 300
8 rooms or more	2 696	—	—	—	—	11	53	249	654	929	800	41 200
Median	5.6	...	3.8	4.3	4.5	4.7	5.1	5.6	6.0	6.5	7.2	...
PERSONS												
1 person	2 892	15	80	90	137	176	810	675	602	197	110	21 000
2 persons	10 424	10	53	83	252	510	2 709	3 058	2 204	999	546	22 600
3 persons	7 394	5	36	63	155	233	1 680	2 369	1 809	813	231	23 200
4 persons	8 105	5	6	39	79	231	1 752	2 578	2 229	820	366	23 800
5 persons	5 722	—	3	47	90	117	1 263	1 761	1 605	533	303	23 800
6 persons or more	5 726	10	12	35	121	193	1 345	1 790	1 416	536	268	23 200
Median	3.4	...	1.8	2.6	2.7	2.7	3.3	3.5	3.6	3.4	3.6	...
Units with roomers, boarders, or lodgers	1 311	5	12	12	16	38	311	460	310	107	40	22 800
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	40 226	36	183	357	834	1 454	9 544	12 231	9 865	3 898	1 824	23 100
0.50 or less	17 491	9	104	173	395	689	3 863	4 901	4 062	2 141	1 154	23 600
0.51 to 1.00	19 784	22	68	136	294	566	4 582	6 415	5 424	1 637	640	23 300
1.01 to 1.50	2 510	—	5	43	115	130	923	810	353	105	26	20 200
1.51 or more	441	5	6	5	30	69	176	105	26	15	4	18 100
Lacking some or all plumbing facilities	37	9	6	—	—	6	15	—	—	—	—	—
0.50 or less	18	—	7	—	—	6	15	—	—	—	—	—
0.51 to 1.00	15	5	—	—	—	5	5	—	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	4	4	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None and 1	1 050	20	51	88	104	71	248	216	133	62	57	18 900
2	6 725	22	81	243	434	667	2 516	1 410	660	461	231	18 900
3	23 847	—	28	153	282	526	6 431	7 783	6 189	1 740	715	22 900
4 or more	8 464	—	—	—	19	63	799	2 516	2 589	1 600	878	28 200
YEAR STRUCTURE BUILT												
1969 to March 1970	3 035	10	—	10	10	7	572	760	1 080	397	189	26 400
1965 to 1968	4 282	—	17	14	24	46	471	1 024	1 698	674	314	28 200
1960 to 1964	17 146	—	13	14	97	287	3 356	6 121	4 798	1 720	740	23 900
1950 to 1959	11 708	25	50	47	243	690	4 048	3 527	1 800	818	460	21 100
1940 to 1949	3 055	4	40	184	336	314	892	661	354	190	80	18 400
1939 or earlier	1 037	6	70	88	124	116	220	138	135	99	41	17 700
COMPLETE BATHROOMS												
1 and 1 1/2	16 325	42	199	289	793	1 404	6 490	4 460	1 882	545	221	19 300
2 and 2 1/2	21 990	—	—	28	53	85	2 854	7 554	7 575	2 960	881	25 600
3 or more	1 796	—	—	—	—	—	47	185	408	444	712	43 700
None or also used by another household	75	6	14	11	—	—	37	7	—	—	—	—
HOUSEHOLD COMPOSITION												
Two-or-more-person households	37 371	30	110	267	697	1 284	8 749	11 556	9 263	3 701	1 714	23 300
Male head, wife present, no nonrelatives	32 529	20	82	220	596	1 087	7 428	10 128	8 230	3 204	1 534	23 400
Under 25 years	831	5	—	4	7	44	366	310	78	10	7	19 900
25 to 34 years	7 621	—	—	56	124	227	1 861	2 716	2 079	466	92	22 800
35 to 44 years	9 504	4	17	26	121	207	1 860	2 997	2 701	1 049	522	24 200
45 to 64 years	12 448	11	52	91	254	459	2 829	3 557	2 934	1 469	792	23 600
65 years and over	2 125	—	13	43	90	150	512	548	438	210	121	22 300
Other male head	1 653	5	5	13	27	77	319	501	448	164	94	23 800
Under 65 years	1 550	5	5	13	23	65	293	476	432	150	88	23 900
65 years and over	103	—	—	—	4	12	26	25	16	14	6	21 900
Female head	3 189	5	23	34	74	120	1 002	927	585	333	86	21 800
Under 65 years	2 877	5	8	19	57	104	912	846	527	323	76	22 000
65 years and over	312	—	15	15	17	16	90	81	58	10	10	20 200
One-person households	2 892	15	80	90	137	176	810	675	602	197	110	21 000
Under 65 years	2 099	5	33	40	65	135	559	559	457	171	75	21 900
65 years and over	793	10	47	50	72	41	251	116	145	26	35	17 900
INCOME IN 1969												
Less than \$2,000	1 870	5	50	54	110	112	543	385	319	182	110	20 800
\$2,000 to \$2,999	945	15	47	29	52	68	332	190	173	29	10	19 000
\$3,000 to \$3,999	1 010	—	6	5	11	59	361	285	209	51	23	21 100
\$4,000 to \$4,999	1 044	5	6	15	30	35	378	284	159	67	65	20 900
\$5,000 to \$5,999	1 261	5	19	16	58	81	384	412	197	53	36	20 800
\$6,000 to \$6,999	1 621	4	13	9	89	86	476	533	252	129	30	21 300
\$7,000 to \$9,999	6 463	—	16	112	141	295	1 961	2 127	1 314	392	105	21 700
\$10,000 to \$14,999	12 878	6	17	87	231	481	3 396	4 483	3 069	867	241	22 500
\$15,000 to \$24,999	10 503	5	11	24	101	191	1 595	3 118	3 423	1 482	553	25 600
\$25,000 or more	2 668	—	5	6	11	52	133	414	750	646	651	34 500
Median	\$12 300	...	\$3 000	\$8 400	\$8 400	\$9 900	\$10 500	\$12 100	\$13 800	\$16 200	\$20 300	...
YEAR MOVED INTO UNIT												
1969 to March 1970	7 877	13	6	38	126	131	1 620	2 270	2 460	907	306	24 400
1968	4 560	6	26	15	89	185	918	1 584	1 201	387	149	23 300
1967	3 334	7	25	39	125	125	672	1 042	948	294	147	23 700
1965 and 1966	6 136	—	8	21	75	199	1 402	1 936	1 527	633	335	23 500
1960 to 1964	10 991	22	38	90	166	395	2 613	3 498	2 549	1 104	516	23 100
1950 to 1959	5 925	—	70	70	239	348	1 809	1 622	960	505	302	21 300
1949 or earlier	1 363	—	40	59	112	106	394	254	220	119	59	19 400
HEATING EQUIPMENT												
Steam or hot water	237	—	—	—	—	—	48	80	78	15	16	24 400
Warm-air furnace	28 490	—	30	49	142	405	5 572	9 426	8 127	3 011	1 528	24 200
Built-in electric units	6 767	5	55	121	272	441	1 982	1 657	1 317	706	211	21 500
Floor, wall, or pipeless furnace	1 381	5	9	32	53	53	717	262	83	—	5	17 700
Other means	3 341	35	96	155	358	390	1 230	596	256	166	59	17 700
None	47	—	—	—	9	9	10	10	4	—	—	—
AIR CONDITIONING												
Room unit(s)	3 323	13	64	99	202	354	1 146	833	318	188	106	19 200
Central system	29 450	—	53	33	245	446	4 875	9 512	9 057	3 617	1 612	24 800
None	7 413	35	96	196	399	689	3 407	1 861	490	144	96	18 700

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	36 674	365	496	1 157	1 214	2 377	4 209	7 595	12 900	4 576	465	1 320	151
ROOMS													
1 room	2 752	115	145	247	229	568	425	741	160	8	6	108	101
2 rooms	3 263	62	75	145	142	439	588	985	639	60	—	128	124
3 rooms	9 410	136	165	359	234	615	1 421	2 501	3 172	536	16	255	140
4 rooms	13 158	42	56	339	308	456	1 102	2 283	6 348	1 758	130	336	164
5 rooms	5 700	5	55	67	219	224	471	771	2 000	1 442	125	321	172
6 rooms	1 799	—	—	—	78	64	160	244	482	603	76	92	182
7 rooms	459	5	—	—	—	5	31	60	88	148	78	44	213
8 rooms or more	133	—	—	—	—	4	6	11	10	21	34	36	—
Median	3.7	2.5	2.7	3.0	3.5	2.8	3.3	3.3	3.9	4.5	5.1	4.0	—
PERSONS													
1 person	10 565	227	274	477	437	1 144	1 332	2 586	2 998	698	85	307	134
2 persons	11 398	108	118	256	212	494	1 262	2 443	4 444	1 541	147	373	157
3 persons	5 892	10	38	166	175	327	605	1 070	2 478	761	53	209	159
4 persons	4 064	10	31	127	136	140	426	739	1 515	661	81	198	161
5 persons	2 407	10	25	61	61	102	303	421	763	503	66	92	161
6 persons or more	2 348	—	10	70	193	170	281	336	702	412	33	141	153
Median	2.2	1.3	1.4	1.9	2.3	1.6	2.1	2.0	2.3	2.6	2.5	2.4	—
Units with roomers, boarders, or lodgers	1 653	16	12	22	21	57	150	275	698	333	37	32	168
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	14 692	156	174	327	281	732	1 341	3 026	5 808	2 102	273	1 244	192
0.51 to 1.00	17 675	134	220	588	624	1 183	2 308	3 752	5 972	2 092	170	472	159
1.01 to 1.50	2 694	5	24	98	165	218	414	476	863	312	11	632	148
1.51 or more	1 122	32	34	71	85	95	137	313	242	70	11	108	143
Lacking some or all plumbing facilities													
0.50 or less	491	38	44	73	59	149	9	28	15	—	—	32	79
0.51 to 1.00	54	16	18	—	—	—	—	—	—	—	—	76	129
1.01 to 1.50	378	22	26	68	59	144	9	23	5	—	—	10	80
1.51 or more	10	—	—	—	—	5	—	—	—	—	—	22	5
Median	49	—	—	5	—	—	—	—	—	—	—	39	—
BEDROOMS													
None	3 011	178	156	222	193	569	561	764	278	—	—	90	105
1	11 826	111	253	469	399	1 076	2 121	3 343	3 166	588	23	277	132
2	14 685	19	150	258	394	574	1 001	2 569	7 031	2 015	172	502	165
3 or more	7 105	—	59	82	212	197	473	1 075	1 890	2 384	309	424	183
YEAR STRUCTURE BUILT													
1969 to March 1970	1 060	27	30	34	58	30	42	207	431	128	38	35	160
1965 to 1968	2 707	88	94	38	59	140	250	591	786	506	91	64	154
1960 to 1964	15 781	95	91	165	268	428	907	2 430	7 777	2 916	235	269	170
1950 to 1959	11 107	49	55	178	257	741	1 939	3 077	3 290	866	80	575	140
1940 to 1949	4 188	57	137	543	443	726	732	771	475	145	11	148	103
1939 or earlier	1 831	49	89	199	129	312	339	319	141	15	10	229	101
ELEVATOR IN STRUCTURE													
4 floors or more	132	—	—	—	—	—	—	23	23	63	23	—	—
With elevator	132	—	—	—	—	—	—	23	23	63	23	—	—
Walk-up	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 3 floors	36 495	308	618	1 031	1 198	2 416	4 156	7 728	12 342	4 924	481	1 293	151
COMPLETE BATHROOMS													
1 and 1 1/2	31 631	334	398	1 068	1 102	2 098	4 073	7 340	11 659	2 363	132	1 064	145
2 or more	4 396	6	4	22	40	75	113	173	1 420	2 044	299	200	212
None or also used by another household	644	51	37	95	70	176	34	37	45	—	—	99	82
INCOME IN 1969													
Less than \$2,000	4 163	197	166	330	293	362	506	856	932	312	51	158	125
\$2,000 to \$2,999	2 332	64	102	130	145	329	302	431	570	157	23	79	134
\$3,000 to \$3,999	2 589	15	55	126	127	249	382	654	737	161	19	64	137
\$4,000 to \$4,999	2 722	17	19	86	130	264	429	689	853	165	—	70	137
\$5,000 to \$5,999	3 306	15	31	98	102	289	471	852	1 086	197	16	149	144
\$6,000 to \$6,999	3 240	13	34	77	68	214	529	783	1 127	257	18	149	144
\$7,000 to \$9,999	7 639	28	68	180	184	355	949	1 621	3 042	862	68	282	155
\$10,000 to \$14,999	6 842	6	10	105	151	218	494	1 172	2 919	1 382	106	279	169
\$15,000 to \$24,999	3 155	10	6	20	9	71	125	465	1 429	821	98	101	179
\$25,000 or more	686	—	5	5	5	26	22	72	205	262	66	18	199
Median	\$7 000	\$2000	\$2 800	\$3 900	\$4 300	\$4 900	\$6 000	\$6 400	\$8 100	\$10 600	\$11 800	\$7 200	—
YEAR MOVED INTO UNIT													
1969 to March 1970	21 733	128	186	593	529	1 099	2 384	4 646	8 326	2 959	272	611	156
1968	5 686	98	129	187	167	323	684	1 193	2 017	649	35	204	149
1967	2 977	50	47	98	69	289	424	536	1 087	256	44	77	146
1965 and 1966	3 389	37	31	189	258	270	391	685	1 047	274	66	141	140
1960 to 1964	2 105	34	35	63	143	232	226	323	527	256	14	252	138
1950 to 1959	642	44	4	33	30	122	91	147	101	13	—	57	113
1949 or earlier	139	—	7	22	16	14	20	20	19	—	—	21	—
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 741	73	79	221	195	195	215	298	298	146	21	—	110
10 to 14 percent	4 630	27	85	206	217	437	677	1 065	1 524	369	23	—	139
15 to 19 percent	5 546	25	35	144	149	330	752	1 189	2 128	740	54	—	154
20 to 24 percent	5 160	25	58	109	114	355	729	938	2 037	766	29	—	156
25 to 34 percent	6 613	92	85	98	163	322	694	1 636	2 513	936	74	—	154
35 percent or more	10 888	113	134	310	324	674	1 058	2 332	4 175	1 520	248	—	156
Not computed	2 096	10	20	69	52	64	84	137	225	99	16	1 320	139
AIR CONDITIONING													
Room unit(s)	6 282	107	39	252	259	758	1 065	1 863	1 270	322	—	347	128
Central system	21 238	137	181	187	307	663	1 346	3 669	10 265	3 579	415	489	169
None	9 151	147	219	746	646	928	1 809	2 018	1 589	506	16	527	118

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	50 850	2 862	1 418	1 515	1 700	1 970	2 353	8 485	15 537	12 028	2 982	11 600
ROOMS												
1 and 2 rooms	1 224	217	109	95	107	133	72	211	142	108	30	5 600
3 rooms	2 856	424	213	190	236	135	196	485	634	284	59	7 200
4 rooms	7 859	704	366	355	346	509	536	1 595	2 186	1 066	194	9 100
5 rooms	16 789	821	418	407	658	718	803	3 190	5 584	3 638	552	11 200
6 rooms	13 912	466	240	357	229	398	567	2 130	4 682	3 903	940	12 700
7 rooms or more	8 210	230	72	111	124	77	179	874	2 309	3 029	1 205	15 400
PERSONS												
1 person	5 108	1 318	476	455	431	342	349	808	640	216	73	4 700
2 persons	15 099	838	580	589	625	779	837	2 721	4 394	3 042	694	10 700
3 and 4 persons	18 005	472	214	348	375	603	706	3 053	6 081	4 979	1 174	12 700
5 persons	6 339	100	77	54	153	154	223	950	2 115	1 974	539	13 400
6 persons or more	6 299	134	71	69	116	92	238	953	2 307	1 817	502	13 200
Units with roomers, boarders, or lodgers	1 546	210	89	73	72	97	134	309	365	172	25	8 000
BEDROOMS												
Less than 3	16 293	1 636	1 021	743	933	991	961	3 300	4 151	2 117	440	8 700
3	25 823	986	367	754	570	798	1 052	4 715	8 338	6 946	1 297	12 200
4 or more	8 727	199	38	182	209	165	263	1 064	2 383	3 098	1 126	14 700
YEAR STRUCTURE BUILT												
1969 to March 1970	4 905	178	87	125	229	217	270	979	1 359	1 195	266	11 400
1960 to 1968	27 206	1 194	541	654	828	952	1 126	4 486	8 608	7 077	1 740	12 200
1950 to 1959	14 022	923	440	487	484	613	728	2 228	4 252	3 082	785	11 300
1949 or earlier	4 717	567	350	249	159	188	229	792	1 318	674	191	9 300
YEAR MOVED INTO UNIT												
1969 to March 1970	11 614	512	333	383	443	540	705	2 125	3 479	2 499	595	11 100
1968	5 952	313	117	148	172	245	275	1 137	2 045	1 260	240	11 400
1960 to 1967	25 019	1 193	525	605	770	820	994	3 886	8 016	6 511	1 699	12 300
1959 or earlier	8 258	860	435	315	297	330	400	1 123	2 267	1 716	515	10 800
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	42 082	1 820	813	1 233	997	1 283	1 729	7 348	12 998	11 184	2 677	12 200
Clothes dryer	21 505	709	287	420	413	445	711	3 367	6 024	6 959	2 170	13 700
Dishwasher	18 803	554	179	255	372	325	610	2 588	5 103	6 824	1 993	14 400
Home food freezer	17 917	664	295	419	388	352	479	2 773	5 686	5 420	1 441	13 200
Owned second home	2 658	158	—	87	85	68	45	446	593	898	278	13 700
With air conditioning	37 706	1 820	847	972	1 140	1 098	1 597	5 739	11 845	9 864	2 784	12 400
Room unit(s)	4 977	482	268	171	205	284	268	808	1 439	765	287	10 000
Central system	32 729	1 338	579	801	935	814	1 329	4 931	10 406	9 099	2 497	12 700
Automobiles available:												
1	20 537	1 730	885	914	1 021	1 185	1 260	4 180	5 984	2 866	512	9 300
2	22 696	526	269	387	443	597	831	3 356	7 954	6 696	1 637	13 100
3 or more	6 256	89	43	74	94	111	189	603	1 789	2 370	894	15 600
Renter occupied housing units	36 878	4 187	2 337	2 605	2 739	3 332	3 256	7 685	6 885	3 166	686	7 000
ROOMS												
1 room	2 763	641	317	298	221	294	249	411	258	69	5	4 600
2 rooms	3 270	609	307	279	391	360	288	560	283	136	57	5 100
3 rooms	9 454	1 328	752	874	756	951	946	1 909	1 274	534	130	6 100
4 rooms	13 229	1 139	728	789	990	1 106	996	3 015	2 911	1 305	250	7 900
5 rooms	5 729	348	181	258	292	482	572	1 365	1 385	722	124	8 600
6 rooms or more	2 433	122	52	107	89	139	205	425	774	400	120	10 500
PERSONS												
1 person	10 599	2 416	1 061	971	877	1 071	997	1 686	1 053	359	108	5 000
2 persons	11 462	913	725	853	866	987	870	2 400	2 369	1 212	267	7 600
3 and 4 persons	10 016	648	429	600	745	885	885	2 409	2 147	1 058	210	8 000
5 persons	2 413	102	50	67	135	281	600	608	658	263	65	8 900
6 persons or more	2 388	108	72	114	116	197	223	590	658	274	36	8 900
Units with roomers, boarders, or lodgers	1 653	309	129	170	138	164	118	360	187	59	19	5 500
BEDROOMS												
None	3 011	633	240	291	364	410	309	419	198	129	18	4 900
1	11 860	1 702	901	1 054	1 106	1 332	1 078	2 183	1 672	748	84	5 900
2	14 745	1 169	952	880	1 226	1 109	1 113	3 202	3 075	1 757	262	7 900
3 or more	7 170	335	151	417	353	555	651	1 635	1 820	990	263	9 100
YEAR STRUCTURE BUILT												
1969 to March 1970	1 066	120	91	90	47	115	60	248	181	94	20	7 100
1960 to 1968	18 537	1 717	1 029	1 233	1 311	1 531	1 538	3 868	3 925	1 972	413	7 700
1950 to 1959	11 151	1 273	680	743	907	1 118	1 175	2 375	1 869	809	202	6 700
1949 or earlier	6 124	1 077	537	539	474	568	483	1 194	910	291	51	5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	21 848	2 458	1 378	1 713	1 577	2 078	2 018	4 295	4 185	1 657	489	6 900
1968	5 692	601	342	390	366	460	562	1 359	991	567	54	7 300
1960 to 1967	8 536	1 124	602	449	586	726	640	1 943	1 558	732	176	7 200
1959 or earlier	809	109	40	63	91	81	76	154	148	40	7	6 300
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	36 674	4 163	2 332	2 589	2 722	3 306	3 240	7 639	6 842	3 155	686	7 000
Less than 15 percent	6 371	—	5	6	27	86	187	1 028	2 126	2 260	646	14 300
15 to 19 percent	5 546	6	10	40	132	238	302	1 603	2 530	663	22	10 900
20 to 24 percent	5 160	6	48	159	237	470	659	2 135	1 352	94	—	8 400
25 to 34 percent	6 613	74	251	368	751	1 157	1 336	2 163	476	37	—	6 500
35 percent or more	10 888	3 143	1 939	1 952	1 505	1 206	636	428	79	—	—	3 200
Not computed	2 096	934	79	64	70	149	120	282	279	101	18	3 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	11 342	747	523	629	950	996	839	2 623	2 444	1 332	259	8 100
Clothes dryer	3 635	232	96	159	138	317	220	735	1 022	593	123	9 700
Dishwasher	3 450	194	89	125	108	251	186	653	1 095	581	168	10 500
Home food freezer	3 088	266	128	174	164	219	355	757	715	251	59	7 900
Owned second home	1 764	42	67	127	122	186	151	298	5 280	2 480	90	8 900
With air conditioning	27 646	3 233	1 644	1 922	1 908	2 521	2 375	5 647	5 879	2 480	636	7 100
Room unit(s)	6 335	992	518	509	535	754	544	1 285	679	247	72	5 800
Central system	21 311	2 241	1 126	1 413	1 373	1 767	1 831	4 362	4 401	2 233	564	7 600
Automobiles available:												
1	22 514	2 219	1 294	1 729	1 740	2 395	2 249	5 218	3 889	1 346	435	6 800
2	8 295	454	190	385	452	528	666	1 723	2 396	1 318	183	9 600
3 or more	1 114	58	73	48	24	44	71	236	304	224	32	10 000

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	50 850	50 638	22 598	24 212	3 130	698	212	87	96	10	19
PERSONS											
1 person	5 108	5 004	4 918	86	—	—	104	77	27	—	—
2 persons	15 099	15 038	13 119	1 845	—	74	61	10	40	—	11
3 persons	8 816	8 806	3 766	4 977	45	18	10	—	5	5	—
4 persons	9 189	9 174	629	8 397	119	29	15	—	15	—	—
5 persons	6 339	6 326	166	5 755	356	49	13	—	9	—	4
6 persons or more	6 299	6 290	—	3 152	2 610	528	9	—	—	5	4
Median	3.1	3.1	2.0	4.1	6.4	7.5+	1.5	...	...	...	...
Units with roomers, boarders, or lodgers	1 546	1 542	612	767	131	32	4	—	4	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970	4 787	4 768	2 236	2 243	232	57	19	—	19	—	—
1965 to 1968	6 794	6 788	2 891	3 333	474	90	6	—	6	—	—
1960 to 1964	20 353	20 311	7 935	10 893	1 270	213	42	6	36	—	—
1950 to 1959	14 120	14 023	6 593	6 198	976	256	97	39	39	6	13
1940 to 1949	3 487	3 452	2 131	1 160	114	47	35	30	5	—	—
1939 or earlier	1 302	1 284	767	447	62	8	18	—	12	6	—
INCOME IN 1969											
Less than \$2,000	2 862	2 802	2 054	640	83	25	60	35	25	—	—
\$2,000 to \$2,999	1 418	1 391	902	413	46	30	27	18	4	5	—
\$3,000 to \$3,999	1 515	1 509	998	459	33	19	6	—	—	—	6
\$4,000 to \$4,999	1 700	1 682	977	581	102	22	18	7	6	—	5
\$5,000 to \$5,999	1 970	1 960	1 090	773	87	10	10	5	—	—	—
\$6,000 to \$6,999	2 353	2 329	1 197	911	165	56	24	5	—	5	—
\$7,000 to \$9,999	8 485	8 464	3 755	4 030	548	131	21	—	21	—	8
\$10,000 to \$14,999	15 537	15 502	5 830	8 158	1 239	275	35	11	—	—	—
\$15,000 to \$24,999	12 028	12 023	4 508	6 683	713	119	5	—	5	—	—
\$25,000 or more	2 982	2 976	1 287	1 564	114	11	6	—	—	—	—
Median	\$11 600	\$11 700	\$10 300	\$12 600	\$12 000	\$11 000	\$4 700	...	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	40 263	40 226	17 491	19 784	2 510	441	37	18	15	—	4
Less than 1.5	9 760	9 740	3 349	5 297	894	200	20	6	10	—	4
1.5 to 1.9	9 253	9 248	3 498	5 029	634	87	5	—	—	—	—
2.0 to 2.4	6 428	6 428	2 492	3 536	355	45	—	—	—	—	—
2.5 to 2.9	3 922	3 922	1 725	2 015	145	37	—	—	—	—	—
3.0 to 3.9	4 338	4 331	2 162	1 859	263	47	7	7	—	—	—
4.0 or more	6 086	6 086	3 969	1 902	195	20	—	—	—	—	—
Not computed	476	471	296	146	24	5	5	—	5	—	—
HEATING EQUIPMENT											
Steam or hot water	247	247	143	104	—	—	—	—	—	—	—
Warm-air furnace	35 582	35 508	15 536	17 530	2 070	372	74	28	35	5	6
Built-in electric units	7 452	7 442	3 557	3 259	543	83	10	6	4	—	—
Floor, wall, or pipeless furnace	2 044	2 029	844	979	152	54	15	5	—	—	5
Other means	5 457	5 360	2 497	2 309	365	189	97	42	46	5	4
None	68	52	21	31	—	—	16	6	6	—	4
Renter occupied housing units	36 878	36 358	14 768	17 756	2 706	1 128	520	60	384	10	64
PERSONS											
1 person	10 599	10 210	8 188	2 022	—	—	389	49	340	—	—
2 persons	11 462	11 403	6 213	4 895	—	295	59	11	28	—	20
3 persons	5 919	5 898	316	5 284	257	41	21	—	16	5	—
4 persons	4 097	4 097	43	3 684	308	62	—	—	—	—	—
5 persons	2 413	2 402	8	1 473	752	169	—	—	—	—	11
6 persons or more	2 388	2 348	—	398	1 389	561	40	—	—	5	35
Median	2.2	2.2	1.4	2.9	5.5	5.5	1.2	...	1.1	...	...
Units with roomers, boarders, or lodgers	1 653	1 647	504	982	104	57	6	—	6	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970	980	974	317	589	53	15	6	—	6	—	—
1965 to 1968	2 698	2 684	1 119	1 298	162	105	14	—	14	—	—
1960 to 1964	15 804	15 768	6 891	7 545	1 031	301	36	—	29	7	—
1950 to 1959	11 108	10 924	4 068	5 440	1 008	408	184	28	129	—	27
1940 to 1949	4 359	4 230	1 394	2 117	416	303	129	8	98	—	23
1939 or earlier	1 936	1 777	808	805	103	61	159	20	111	7	21
INCOME IN 1969											
Less than \$2,000	4 187	4 033	2 278	1 481	152	122	154	16	116	—	22
\$2,000 to \$2,999	2 337	2 269	1 067	1 034	86	82	68	11	52	5	—
\$3,000 to \$3,999	2 605	2 524	1 060	1 254	143	67	81	28	53	—	—
\$4,000 to \$4,999	2 739	2 703	1 148	1 271	179	105	36	—	26	5	5
\$5,000 to \$5,999	3 332	3 290	1 291	1 644	273	62	42	—	42	—	—
\$6,000 to \$6,999	3 256	3 214	1 192	1 660	272	90	42	5	21	—	16
\$7,000 to \$9,999	7 685	7 617	2 649	4 024	688	256	68	—	55	—	13
\$10,000 to \$14,999	6 885	6 861	2 548	3 472	616	225	24	—	14	—	10
\$15,000 to \$24,999	3 166	3 161	1 219	1 582	259	101	5	—	5	—	—
\$25,000 or more	686	686	316	314	38	18	—	—	—	—	—
Median	\$7 000	\$7 100	\$6 500	\$7 400	\$8 100	\$7 400	\$3 500	...	\$3 500	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	36 674	36 183	14 692	17 675	2 694	1 122	491	54	378	10	49
Less than 10 percent	1 741	1 715	584	851	166	114	26	5	21	—	—
10 to 14 percent	4 430	4 377	1 476	2 457	474	170	53	6	47	—	—
15 to 19 percent	5 546	5 493	1 962	2 861	496	174	53	—	53	—	—
20 to 24 percent	5 160	5 107	1 797	2 723	387	200	53	6	47	—	—
25 to 34 percent	6 613	6 561	2 490	3 330	540	201	52	6	46	—	—
35 percent or more	10 888	10 725	5 470	4 564	484	207	163	16	132	5	10
Not computed	2 096	2 005	913	889	147	56	91	15	32	5	39
HEATING EQUIPMENT											
Steam or hot water	100	100	61	29	5	5	—	—	—	—	—
Warm-air furnace	18 413	18 264	8 101	8 643	1 116	404	149	—	139	5	5
Built-in electric units	10 380	10 263	4 250	5 176	575	262	117	18	99	—	—
Floor, wall, or pipeless furnace	1 324	1 301	370	676	162	93	23	—	23	—	—
Other means	6 554	6 351	1 945	3 199	843	364	203	31	116	—	56
None	107	79	41	33	5	—	28	11	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	50 850	226	998	2 856	7 859	16 789	13 912	5 410	2 800	5.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	50 506	169	925	2 797	7 827	16 856	13 720	5 436	2 776	5.3
PERSONS										
1 person	5 108	113	475	956	1 410	1 372	642	93	47	4.2
2 persons	15 099	85	435	1 450	3 554	5 136	3 431	704	304	4.9
3 persons	8 816	18	50	238	1 417	3 327	2 552	935	279	5.3
4 persons	9 189	—	29	119	790	3 314	2 920	1 388	629	5.6
5 persons	6 339	—	9	44	356	2 036	2 269	980	645	5.8
6 persons or more	6 299	10	—	49	332	1 604	2 098	1 310	896	6.1
Median	3.1	1.5	1.6	1.8	2.2	3.1	3.6	4.2	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	50 638	188	928	2 809	7 846	16 764	13 902	5 405	2 796	5.3
0.50 or less	22 598	—	445	918	4 955	6 503	6 620	1 732	1 425	5.3
0.51 to 1.00	24 212	86	404	1 679	2 207	8 662	6 351	3 491	1 332	5.4
1.01 to 1.50	3 130	—	45	119	589	1 311	877	150	39	5.1
1.51 or more	698	102	34	93	95	288	54	32	—	4.6
Lacking some or all plumbing facilities	212	38	70	47	13	25	10	5	4	2.5
0.50 or less	87	—	30	38	9	5	5	—	—	...
0.51 to 1.00	96	27	31	9	—	15	5	5	4	...
1.01 to 1.50	10	—	5	—	—	5	—	—	—	...
1.51 or more	19	11	4	—	4	—	—	—	—	...
BEDROOMS										
None and 1	4 195	290	871	2 122	573	274	46	19	—	2.9
2	12 098	—	—	930	6 767	3 486	728	187	—	4.3
3	25 823	—	—	—	537	12 390	9 946	2 361	569	5.5
4 or more	8 727	—	—	—	—	318	3 413	2 724	2 272	6.7
YEAR STRUCTURE BUILT										
1969 to March 1970	4 905	31	111	269	1 088	1 307	1 292	521	286	5.2
1960 to 1968	27 206	134	399	1 434	3 349	8 517	8 232	3 346	1 795	5.5
1950 to 1959	14 022	56	413	856	2 208	5 331	3 454	1 170	534	5.2
1949 or earlier	4 717	5	75	297	1 214	1 634	934	373	185	5.0
COMPLETE BATHROOMS										
1 and 1 1/2	25 341	158	926	2 627	7 053	9 217	3 964	1 116	280	4.7
2 or more	25 206	11	13	183	774	7 653	9 756	4 320	2 496	5.9
None or also used by another household	296	41	106	42	32	38	18	7	12	2.5
VALUE-INCOME RATIO										
Specified owner occupied¹	40 263	28	96	504	3 845	14 568	13 241	5 285	2 696	5.6
Less than 1.5	9 760	—	30	178	1 237	3 682	3 039	1 081	503	5.4
1.5 to 1.9	9 253	—	—	70	691	3 399	3 210	1 365	518	5.6
2.0 to 2.9	10 350	—	16	45	707	3 661	3 652	1 487	782	5.7
3.0 or more	10 424	10	50	196	1 152	3 659	3 204	1 273	880	5.5
Not computed	476	8	—	15	58	167	136	79	13	5.4
Renter occupied housing units	36 878	2 763	3 270	9 454	13 229	5 729	1 831	463	139	3.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	35 247	1 574	2 976	9 538	13 202	5 575	1 799	428	155	3.8
PERSONS										
1 person	10 599	2 362	2 113	3 804	1 823	379	93	21	4	2.7
2 persons	11 462	315	813	4 110	4 771	1 127	249	50	27	3.6
3 persons	5 919	41	262	971	3 302	1 027	227	83	6	4.0
4 persons	4 097	16	46	308	2 120	1 194	299	71	43	4.3
5 persons	2 413	14	8	158	752	1 003	376	81	21	4.8
6 persons or more	2 388	15	28	103	461	999	587	157	38	5.1
Median	2.2	1.1	1.3	1.7	2.5	3.8	4.6	4.6	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	36 358	2 386	3 213	9 407	13 206	5 718	1 826	463	139	3.7
0.50 or less	14 768	—	2 084	3 789	6 589	1 495	569	154	88	3.7
0.51 to 1.00	17 756	2 022	802	5 060	5 410	3 224	916	271	51	3.7
1.01 to 1.50	2 706	—	257	308	1 009	787	312	33	—	4.3
1.51 or more	1 128	364	70	250	198	212	29	5	—	3.0
Lacking some or all plumbing facilities	520	377	57	47	23	11	5	—	—	1.2
0.50 or less	60	—	29	15	5	11	—	—	—	...
0.51 to 1.00	384	340	11	21	12	—	—	—	—	1.1
1.01 to 1.50	10	—	5	—	—	—	5	—	—	...
1.51 or more	66	37	12	11	6	—	—	—	—	...
BEDROOMS										
None	3 011	2 628	342	41	—	—	—	—	—	1.1
1	11 860	—	3 184	7 652	983	41	—	—	—	2.9
2	14 745	—	—	1 193	11 870	1 437	205	40	—	4.0
3 or more	7 170	—	—	—	319	4 694	1 652	454	51	5.2
YEAR STRUCTURE BUILT										
1969 to March 1970	1 066	115	130	275	339	166	6	19	16	3.5
1960 to 1968	18 537	664	1 096	4 252	6 255	2 934	967	301	68	3.9
1950 to 1959	11 151	1 055	1 189	3 122	3 109	1 909	633	96	38	3.6
1949 or earlier	6 124	929	855	1 805	1 526	720	225	47	17	3.2
COMPLETE BATHROOMS										
1 and 1 1/2	31 770	2 396	3 004	9 436	11 655	4 135	1 000	102	42	3.6
2 or more	4 435	26	41	143	1 547	1 440	799	326	113	4.8
None or also used by another household	680	390	83	109	63	21	7	7	—	1.4
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	36 674	2 752	3 263	9 410	13 158	5 700	1 799	459	133	3.7
Less than 10 percent	1 741	146	219	398	586	279	88	15	10	3.7
10 to 14 percent	4 630	354	300	951	1 771	884	279	75	16	3.9
15 to 19 percent	5 546	311	348	1 318	2 204	867	401	91	6	3.9
20 to 24 percent	5 160	379	361	1 346	1 884	893	207	73	17	3.8
25 to 34 percent	6 613	466	688	1 687	2 341	1 019	331	54	27	3.7
35 percent or more	10 888	917	688	3 179	3 792	1 327	397	103	21	3.6
Not computed	2 096	179	195	531	580	431	96	48	36	3.7

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

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

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	50 850	40 873	1 322	8 655	36 878	9 433	2 855	7 754	4 247	4 844	6 152	1 593
ROOMS												
1 room	226	28	15	183	2 763	228	73	147	207	610	1 460	38
2 rooms	998	111	50	837	3 270	440	215	422	413	758	747	275
3 rooms	2 856	529	247	2 080	9 454	1 155	637	1 928	1 434	1 834	1 960	506
4 rooms	7 859	3 947	503	3 409	13 229	2 282	1 211	4 463	1 733	1 358	1 580	602
5 rooms	16 789	14 793	311	1 685	5 729	3 213	585	729	455	237	379	131
6 rooms	13 912	13 406	150	356	1 831	1 537	125	65	5	42	26	31
7 rooms	5 410	5 315	14	81	463	443	5	—	—	5	—	10
8 rooms or more	2 800	2 744	32	24	139	135	4	—	—	—	—	—
Median	5.3	5.6	4.2	3.9	3.7	4.7	3.9	3.8	3.5	3.1	2.9	3.5
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	50 638	40 820	1 293	8 525	36 358	9 344	2 824	7 722	4 227	4 742	5 966	1 533
0.50 or less	22 598	17 815	722	4 061	14 768	3 080	809	3 221	1 916	2 353	2 836	553
0.51 to 1.00	24 212	19 977	475	3 760	17 756	4 787	1 561	3 642	2 027	2 133	2 828	778
1.01 to 1.50	3 130	2 577	86	467	2 706	1 102	340	633	219	126	112	174
1.51 or more	698	451	10	237	1 128	375	114	226	65	130	190	28
Lacking some or all plumbing facilities	212	53	29	130	520	89	31	32	20	102	186	60
0.50 or less	87	23	20	44	60	16	5	—	—	—	6	33
0.51 to 1.00	96	21	9	66	384	34	9	22	20	97	175	27
1.01 to 1.50	10	5	—	5	10	—	5	—	—	—	—	—
1.51 or more	19	4	—	15	66	39	12	5	—	5	5	—
BEDROOMS												
None	309	25	—	284	3 011	379	111	158	239	665	1 407	52
1	3 886	1 104	245	2 537	11 860	1 629	691	2 236	1 567	2 392	2 761	584
2	12 098	6 913	655	4 530	14 745	2 923	1 357	4 673	1 903	1 375	1 822	692
3	25 823	24 164	264	1 395	6 064	3 577	454	947	446	207	318	115
4 or more	8 727	8 565	69	93	1 106	944	78	39	—	45	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	4 905	3 166	53	1 686	1 066	153	69	147	63	239	266	129
1965 to 1968	6 832	4 322	115	2 395	2 712	520	114	568	163	441	655	251
1960 to 1964	20 374	17 250	392	2 732	15 825	2 812	865	4 234	2 561	2 007	2 902	444
1950 to 1959	14 022	11 897	439	1 686	11 151	3 634	1 201	1 426	981	1 566	1 751	592
1940 to 1949	3 435	3 100	224	111	4 244	1 356	462	1 186	331	329	451	129
1939 or earlier	1 282	1 138	99	45	1 880	958	144	193	148	262	127	48
INCOME IN 1969												
Less than \$2,000	2 862	1 920	144	798	4 187	854	305	913	470	587	846	212
\$2,000 to \$2,999	1 418	959	72	387	2 337	421	245	576	243	362	347	143
\$3,000 to \$3,999	1 515	1 031	65	419	2 605	424	237	598	331	492	392	131
\$4,000 to \$4,999	1 700	1 080	74	546	2 739	505	320	681	368	355	375	135
\$5,000 to \$5,999	1 970	1 281	53	636	3 332	772	236	669	346	455	632	222
\$6,000 to \$6,999	2 353	1 665	85	603	3 256	892	272	571	359	462	554	146
\$7,000 to \$9,999	8 485	6 543	209	1 733	7 685	2 123	587	1 619	910	818	1 292	336
\$10,000 to \$14,999	15 537	13 027	309	2 201	6 885	2 212	451	1 401	782	796	1 056	187
\$15,000 to \$24,999	12 028	10 642	214	1 172	3 166	1 041	163	681	381	393	433	74
\$25,000 or more	2 982	2 725	97	160	686	189	39	45	57	124	225	7
Median	\$11 600	\$12 300	\$9 400	\$8 600	\$7 000	\$8 200	\$6 300	\$6 800	\$7 000	\$6 400	\$6 900	\$5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	11 614	8 069	226	3 319	21 848	4 860	1 690	4 565	2 918	3 050	3 491	1 274
1968	5 952	4 607	112	1 233	5 692	1 562	389	1 072	591	763	1 174	141
1967	4 349	3 367	136	846	2 984	903	281	663	348	353	350	86
1965 and 1966	7 652	6 189	202	1 261	3 420	965	288	843	263	404	627	30
1960 to 1964	13 018	11 089	348	1 581	2 132	721	145	463	159	224	361	59
1950 to 1959	6 691	5 987	248	456	648	250	106	80	50	60	70	32
1949 or earlier	1 567	1 479	74	14	161	68	16	29	—	14	13	21
GROSS RENT												
Specified renter occupied¹	36 674	9 229	2 855	7 754	4 247	4 844	6 152	1 593				
Less than \$50	365	54	43	93	11	47	84	33				
\$50 to \$59	496	70	53	154	16	57	103	43				
\$60 to \$69	1 157	177	148	528	79	106	80	39				
\$70 to \$79	1 214	265	148	440	81	131	104	45				
\$80 to \$99	2 377	620	370	348	220	233	416	170				
\$100 to \$119	4 209	1 466	535	606	479	453	381	289				
\$120 to \$149	7 595	1 479	535	1 441	1 024	1 370	1 320	426				
\$150 to \$199	12 900	2 388	813	3 504	1 854	1 539	2 440	362				
\$200 to \$299	4 576	1 650	127	562	438	758	1 001	40				
\$300 or more	465	300	—	6	18	22	119	—				
No cash rent	1 320	760	83	72	27	128	104	146				
Median	\$151	\$152	\$125	\$153	\$155	\$149	\$161	\$127				
HEATING EQUIPMENT												
Steam or hot water	247	237	—	10	100	61	—	10	—	5	18	6
Warm-air furnace	35 582	28 878	718	5 986	18 413	3 801	995	4 421	2 471	2 012	3 885	828
Built-in electric units	7 452	6 866	348	238	10 380	2 323	683	1 808	1 174	2 307	1 995	50
Floor, wall, or pipeless furnace	2 044	1 386	28	630	1 324	606	338	133	53	109	29	96
Other means	5 457	3 459	228	1 770	6 554	2 595	817	1 371	543	411	225	592
None	68	47	—	21	107	47	22	11	6	—	—	21
AIR CONDITIONING												
Room unit(s)	4 977	3 398	212	1 367	6 335	1 504	651	777	744	1 093	1 315	251
Central system	32 729	29 891	848	1 990	21 311	4 224	1 356	5 311	2 834	2 948	4 427	211
None	13 137	7 498	286	5 353	9 239	3 601	908	1 627	751	827	344	1 181
AUTOMOBILES AVAILABLE												
1	20 537	15 033	662	4 842	22 514	5 211	1 777	4 761	2 724	3 115	3 855	1 071
2	22 696	19 521	464	2 711	8 295	2 781	664	1 727	828	870	1 076	349
3 or more	6 256	5 429	144	683	1 114	524	50	204	147	85	75	29
None	1 354	804	76	474	4 962	813	424	1 023	630	798	1 080	194

¹Excludes 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	50 850	5 108	15 099	8 816	9 189	6 339	3 584	1 625	1 090	3.1
BEDROOMS										
None and 1	4 195	1 758	1 836	314	124	80	64	19	—	1.7
2	12 098	2 156	5 908	2 165	1 012	457	242	93	65	2.2
3	25 823	1 122	6 072	5 513	6 045	3 980	1 936	719	436	3.5
4 or more	8 727	121	1 105	945	1 665	1 804	1 532	960	595	4.8
YEAR STRUCTURE BUILT										
1969 to March 1970	4 905	345	1 699	974	784	556	325	136	86	2.9
1965 to 1968	6 832	421	1 887	1 167	1 393	825	511	282	146	3.3
1960 to 1964	20 374	1 637	5 243	3 324	4 400	3 037	1 628	710	395	3.5
1950 to 1959	14 022	1 640	4 395	2 580	2 121	1 574	875	416	401	2.9
1940 to 1949	3 435	565	1 448	533	359	259	162	71	38	2.3
1939 or earlier	1 282	280	427	238	132	88	83	10	24	2.3
UNITS IN STRUCTURE										
1	40 873	2 965	10 645	7 459	8 188	5 812	3 269	1 519	1 016	3.4
2 or more	1 322	337	564	159	115	71	34	30	12	2.1
Mobile home or trailer	8 655	1 806	3 890	1 198	886	456	281	76	62	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	25 341	3 851	9 193	4 131	3 601	2 180	1 289	577	519	2.5
2 and 2 1/2	23 300	1 166	5 433	4 404	5 234	3 753	2 039	826	445	3.6
3 or more	1 906	21	423	173	395	361	218	194	121	4.4
None or also used by another household	296	122	83	19	25	28	7	6	6	1.8
HOUSEHOLD COMPOSITION										
Two-or-more-person households	45 742	...	15 099	8 816	9 189	6 339	3 584	1 625	1 090	3.4
Male head, wife present, no nonrelatives	39 870	...	12 754	7 388	8 187	5 803	3 258	1 508	972	3.5
Under 25 years	1 279	...	425	401	250	122	56	10	15	3.0
25 to 34 years	8 914	...	1 187	1 667	2 725	1 802	934	381	218	4.1
35 to 44 years	10 753	...	1 363	1 353	2 764	2 369	1 568	781	555	4.5
45 to 64 years	15 837	...	7 290	3 587	2 331	1 471	669	327	162	2.7
65 years and over	3 087	...	2 489	380	117	39	31	9	22	2.1
Other male head	2 051	...	866	453	343	184	113	46	46	2.9
Under 65 years	1 890	...	746	438	317	184	113	46	46	3.0
65 years and over	161	...	120	15	26	—	—	—	—	2.2
Female head	3 821	...	1 479	975	659	352	213	71	72	2.9
Under 65 years	3 399	...	1 195	897	604	352	208	71	72	3.1
65 years and over	422	...	284	78	55	—	5	—	—	2.2
One-person households	5 108	5 108	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	40 263	2 892	10 424	7 394	8 105	5 722	3 228	1 488	1 010	3.4
Less than 1.5	9 760	249	2 259	1 923	2 005	1 648	874	492	310	3.7
1.5 to 1.9	9 253	322	2 185	1 743	2 113	1 377	830	383	300	3.7
2.0 to 2.4	6 428	227	1 552	1 168	1 570	872	635	266	138	3.7
2.5 to 2.9	3 922	222	1 049	706	857	616	290	117	65	3.5
3.0 to 3.9	4 338	295	1 289	857	722	655	293	108	119	3.2
4.0 or more	6 086	1 441	1 948	944	769	528	266	117	73	2.3
Not computed	476	136	142	53	69	26	40	5	5	2.2
Renter occupied housing units	36 878	10 599	11 462	5 919	4 097	2 413	1 245	636	507	2.2
BEDROOMS										
None	3 011	2 596	282	108	25	—	—	—	—	1.1
1	11 860	5 804	4 808	823	228	91	24	40	42	1.5
2	14 745	1 884	5 350	3 569	2 625	912	253	114	38	2.5
3 or more	7 170	300	1 130	1 177	1 574	1 349	944	217	479	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	1 066	339	305	200	119	60	39	4	—	2.1
1965 to 1968	2 712	788	799	463	325	140	88	64	45	2.2
1960 to 1964	15 825	3 754	5 425	2 923	1 900	910	458	234	221	2.3
1950 to 1959	11 151	3 414	3 279	1 574	1 183	870	487	223	121	2.2
1940 to 1949	4 244	1 510	1 075	598	420	332	112	94	103	2.1
1939 or earlier	1 880	794	579	161	150	101	61	17	17	1.8
UNITS IN STRUCTURE										
1	9 433	1 393	2 179	1 556	1 594	1 281	709	403	318	3.2
2	2 855	542	642	566	527	299	125	91	63	2.9
3 and 4	7 754	1 666	2 603	1 643	1 060	424	166	92	100	2.3
5 to 9	4 247	1 295	1 610	721	395	146	68	8	4	2.0
10 to 19	4 844	2 167	1 815	527	172	102	56	5	—	1.6
20 or more	6 152	3 150	2 120	510	196	71	57	32	16	1.5
Mobile home or trailer	1 593	386	493	396	153	90	64	5	6	2.3
COMPLETE BATHROOMS										
1 and 1 1/2	31 770	9 579	10 050	5 163	3 262	1 968	929	495	324	2.1
2 or more	4 435	532	1 263	818	725	454	304	181	158	3.0
None or also used by another household	680	458	100	39	20	18	15	30	—	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	26 279	...	11 462	5 919	4 097	2 413	1 245	636	507	2.8
Male head, wife present, no nonrelatives	19 532	...	7 963	4 478	3 195	1 999	1 008	481	408	2.9
Under 25 years	3 507	...	1 641	1 257	437	109	35	18	10	2.6
25 to 34 years	5 947	...	1 586	1 431	1 411	812	382	175	150	3.5
35 to 44 years	4 094	...	956	747	802	695	466	213	215	3.9
45 to 64 years	4 764	...	2 730	929	518	366	125	63	33	2.4
65 years and over	1 220	...	1 050	114	27	17	—	12	—	2.1
Other male head	2 759	...	1 821	511	228	108	49	21	21	2.3
Under 65 years	2 626	...	1 698	506	223	108	49	21	21	2.3
65 years and over	133	...	123	5	5	—	—	—	—	2.0
Female head	3 988	...	1 678	930	674	306	188	134	78	2.8
Under 65 years	3 820	...	1 568	902	654	306	183	129	78	2.9
65 years and over	168	...	110	28	20	—	5	—	—	2.3
One-person households	10 599	10 599	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	36 674	10 565	11 398	5 892	4 064	2 407	1 217	630	501	2.2
Less than 10 percent	1 741	386	548	289	223	141	77	45	32	2.4
10 to 14 percent	4 630	830	1 594	769	608	415	147	92	42	2.4
15 to 19 percent	5 546	1 115	1 891	985	695	380	261	117	102	2.4
20 to 24 percent	5 160	1 242	1 648	870	619	413	165	111	92	2.3
25 to 34 percent	6 613	1 780	1 958	1 223	737	502	222	86	105	2.3
35 percent or more	10 888	4 479	3 242	1 433	929	446	201	107	51	1.8
Not computed	2 096	733	517	323	253	110	116	17	27	2.1

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

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	1 303	846	275	182	Vacant for rent	2 503	2 323	122	58
ROOMS					ROOMS				
1 to 3 rooms	11	-	11	-	1 room	142	126	11	5
4 rooms	150	115	31	4	2 rooms	233	209	15	9
5 rooms	458	316	106	36	3 rooms	846	800	22	24
6 rooms	425	332	76	17	4 rooms	930	873	49	8
7 rooms or more	259	83	51	125	5 rooms	286	267	15	4
					6 rooms	50	41	5	4
					7 rooms or more	16	7	5	4
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	1 296	846	268	182	With all plumbing facilities	2 477	2 297	122	58
Lacking some or all plumbing facilities	7	-	7	-	Lacking some or all plumbing facilities	26	26	-	-
BEDROOMS					BEDROOMS				
None and 1	120	31	89	-	None	212	196	16	-
2	271	188	48	35	1	1 162	1 076	50	36
3	708	408	201	99	2	894	863	31	-
4 or more	300	190	-	110	3 or more	238	218	20	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	794	508	154	132	1969 to March 1970	130	116	10	4
1960 to 1968	310	203	72	35	1960 to 1968	1 289	1 215	58	16
1950 to 1959	138	87	36	15	1950 to 1959	666	636	17	13
1949 or earlier	61	48	13	-	1949 or earlier	418	356	37	25
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	1 235	786	267	182	1	429	327	57	45
2 or more	68	60	8	-	2 to 4	724	686	29	9
					5 to 9	364	351	9	4
					10 to 19	399	391	8	-
					20 or more	587	568	19	-
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	4	4	-	-	Specified vacant for rent²	2 503	2 323	122	58
Warm-air furnace	1 086	688	226	172	Less than \$50	42	31	7	4
Built-in electric units	113	82	28	3	\$50 to \$59	74	69	-	5
Floor, wall, or pipeless furnace	15	11	4	3	\$60 to \$79	136	106	12	18
Other means	76	58	15	4	\$80 to \$99	178	144	24	10
None	9	3	6	-	\$100 to \$119	286	244	29	13
					\$120 to \$149	575	557	18	-
					\$150 to \$199	960	936	20	4
					\$200 or more	252	236	12	4
SALES PRICE ASKED					Median rent asked	\$148	\$151	\$112	...
Specified vacant for sale¹	1 229	780	267	182					
Less than \$5,000	-	-	-	-					
\$5,000 to \$9,999	-	-	-	-					
\$10,000 to \$14,999	49	27	18	4					
\$15,000 to \$19,999	188	121	50	17					
\$20,000 to \$24,999	532	417	95	20					
\$25,000 to \$34,999	338	167	83	88					
\$35,000 to \$49,999	76	29	13	34					
\$50,000 or more	46	19	8	19					
Median price asked	\$23 500	\$22 900	\$23 400	\$30 700					

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

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

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

The SMSA	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	1 229	-	49	188	532	338	122	2 503	116	136	178	861	960	252
PLUMBING FACILITIES														
With all plumbing facilities	1 272	-	69	209	508	366	120	2 471	131	150	213	784	920	273
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	35	-	17	-	18	-	-
BEDROOMS														
None and 1	87	-	-	-	87	-	-	1 374	83	118	198	505	418	52
2	192	-	34	64	48	32	14	894	48	49	15	181	434	167
3	708	-	35	114	304	255	-	218	-	-	-	96	68	54
4 or more	285	-	-	31	69	79	106	20	-	-	-	20	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	764	-	-	89	342	233	100	130	-	8	6	35	56	25
1960 to 1968	293	-	22	39	134	76	22	1 289	24	27	42	373	626	197
1950 to 1959	130	-	21	49	44	16	-	666	37	38	56	305	200	30
1949 or earlier	42	-	6	11	12	13	-	418	55	63	74	148	78	-
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	429	33	49	65	180	60	42
2 to 4	...	...	...	...	...	...	...	724	66	46	34	262	289	27
5 to 19	...	...	...	...	...	...	...	763	11	25	60	226	348	93
20 or more	...	...	...	...	...	...	...	587	6	16	19	193	263	90
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	479	42	28	43	194	134	38
Some or no utilities included	...	...	...	...	...	...	...	2 024	74	108	135	667	826	214

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-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)

Las Vegas	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	17 544	227	250	541	607	1 485	2 080	4 214	5 836	1 732	164	408	144
ROOMS													
1 room	2 016	93	124	201	136	499	330	434	126	8	6	59	97
2 rooms	1 701	17	21	94	74	279	380	534	224	49	—	29	118
3 rooms	4 567	100	57	109	113	306	834	1 711	1 149	92	—	96	133
4 rooms	5 551	12	26	90	132	231	374	1 122	3 132	361	—	71	162
5 rooms	2 515	5	22	47	100	140	109	304	944	730	46	68	176
6 rooms	863	—	—	—	52	30	38	67	222	360	62	32	202
7 rooms	272	—	—	—	—	—	9	38	33	116	43	33	234
8 rooms or more	59	—	—	—	—	—	6	4	6	16	7	20	...
Median	3.6	2.5	1.5	2.2	3.3	2.4	2.9	3.2	4.0	5.0	6.0	3.8	...
PERSONS													
1 person	5 720	144	158	312	249	887	929	1 646	1 064	171	25	135	122
2 persons	5 302	68	49	79	78	217	677	1 523	2 068	391	29	123	148
3 persons	2 645	5	13	72	65	149	234	466	1 265	300	19	57	161
4 persons	1 782	5	10	30	71	84	90	288	817	315	33	39	168
5 persons	1 055	5	20	13	23	52	73	183	330	303	29	24	172
6 persons or more	1 040	—	—	35	121	96	77	108	292	252	29	30	162
Median	2.1	1.3	1.3	1.4	2.2	1.3	1.7	1.8	2.4	3.5	3.8	2.1	...
Units with roomers, boarders, or lodgers	851	10	6	6	16	26	113	171	359	106	23	15	160
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	17 239	211	229	495	576	1 336	2 071	4 191	5 836	1 732	164	398	145
0.50 or less	6 745	74	64	133	143	465	804	1 838	2 422	576	67	159	146
0.51 to 1.00	8 721	105	137	297	281	716	1 053	2 016	2 903	915	75	223	145
1.01 to 1.50	1 189	5	9	34	103	108	128	178	387	210	11	16	153
1.51 or more	584	27	19	31	49	47	9	159	124	31	11	—	126
Lacking some or all plumbing facilities	305	16	21	46	31	149	9	23	—	—	—	10	83
0.50 or less	17	11	6	—	—	—	—	—	—	—	—	—	...
0.51 to 1.00	268	5	15	46	31	144	9	18	—	—	—	—	84
1.01 to 1.50	5	—	—	—	—	5	—	—	—	—	—	—	...
1.51 or more	15	—	—	—	—	—	—	5	—	—	—	10	...
BEDROOMS													
None	1 989	155	137	148	95	447	417	412	137	—	—	41	100
1	5 941	59	19	273	259	641	1 317	2 054	1 065	128	—	126	125
2	6 591	—	82	91	176	311	325	1 204	3 735	544	—	123	164
3 or more	2 947	—	45	63	73	133	72	355	881	1 108	110	107	189
YEAR STRUCTURE BUILT													
1969 to March 1970	304	—	—	11	14	19	12	25	133	66	—	24	172
1965 to 1968	1 140	78	94	33	40	94	130	269	296	79	22	5	131
1960 to 1964	6 620	85	71	124	179	224	396	1 283	3 083	963	92	118	164
1950 to 1959	6 136	26	20	114	114	485	919	1 902	1 859	511	33	153	147
1940 to 1949	2 306	23	22	137	195	493	398	509	381	103	7	38	113
1939 or earlier	1 038	15	43	122	65	168	225	226	84	10	10	70	106
ELEVATOR IN STRUCTURE													
4 floors or more	86	—	—	—	—	—	—	—	23	63	—	—	...
With elevator	86	—	—	—	—	—	—	—	23	63	—	—	...
Walk-up	—	—	—	—	—	—	—	—	—	—	—	—	...
1 to 3 floors	17 382	214	283	575	603	1 532	2 131	4 025	5 795	1 717	110	397	144
COMPLETE BATHROOMS													
1 and 1 1/2	15 229	206	213	449	543	1 255	2 005	4 161	5 217	872	19	289	140
2 or more	1 881	—	4	22	27	24	33	84	638	792	146	111	207
None or also used by another household	417	29	8	62	33	169	34	37	33	—	—	12	87
INCOME IN 1969													
Less than \$2,000	2 485	132	113	198	161	261	331	624	458	140	12	55	121
\$2,000 to \$2,999	1 357	45	55	77	77	238	180	315	269	59	—	42	118
\$3,000 to \$3,999	1 310	10	14	54	72	146	212	380	347	54	6	15	131
\$4,000 to \$4,999	1 398	17	9	35	69	149	274	368	381	69	—	27	131
\$5,000 to \$5,999	1 592	5	5	52	55	207	229	409	478	77	9	66	135
\$6,000 to \$6,999	1 340	—	23	27	37	127	191	408	426	66	13	22	139
\$7,000 to \$9,999	3 362	18	26	48	72	179	425	813	1 357	360	22	42	153
\$10,000 to \$14,999	3 123	—	5	30	64	132	191	626	1 436	491	45	103	166
\$15,000 to \$24,999	1 333	—	—	15	—	36	38	234	618	326	39	27	177
\$25,000 or more	244	—	—	5	—	10	9	37	66	90	18	9	193
Median	\$6 500	\$2000-	\$2 200	\$2 900	\$3 900	\$4 700	\$5 200	\$6 000	\$8 200	\$10 400	\$12 200	\$6 000	...
YEAR MOVED INTO UNIT													
1969 to March 1970	10 269	56	76	265	205	638	1 026	2 592	3 952	1 175	108	176	152
1968	2 402	72	68	95	86	225	295	620	675	197	14	55	136
1967	1 704	29	24	32	41	170	249	345	601	146	36	31	145
1965 and 1966	1 560	37	25	77	181	185	251	369	322	69	—	44	120
1960 to 1964	1 098	27	28	44	67	133	165	223	264	64	7	76	126
1950 to 1959	465	14	4	13	23	97	79	133	66	13	—	23	118
1949 or earlier	29	—	—	7	—	—	—	—	8	—	—	7	...
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	663	23	26	69	72	90	72	150	113	42	6	...	114
10 to 14 percent	2 114	23	38	70	101	252	274	545	667	139	5	...	136
15 to 19 percent	2 640	9	9	68	60	209	337	547	1 081	301	19	...	154
20 to 24 percent	2 489	14	26	47	76	215	298	575	926	295	17	...	150
25 to 34 percent	3 082	61	44	58	90	188	405	800	1 060	356	20	...	146
35 percent or more	5 715	92	96	180	186	492	628	1 507	1 894	548	92	...	144
Not computed	841	5	11	49	22	39	66	90	95	51	5	408	128
AIR CONDITIONING													
Room unit(s)	4 253	66	26	201	199	628	693	1 249	826	235	—	130	126
Central system	9 547	131	152	167	203	415	729	2 056	4 234	1 115	161	184	160
None	3 727	38	47	165	201	405	650	977	828	314	4	98	129

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]

Las Vegas	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 -----	23 281	23 242	10 766	11 163	1 125	188	39	4	30	5	-
PERSONS											
1 person.....	2 011	1 996	1 966	30	-	-	15	4	11	-	-
2 persons.....	6 563	6 558	6 189	354	-	15	5	-	5	-	-
3 persons.....	4 181	4 176	2 248	1 919	5	4	5	-	5	-	-
4 persons.....	4 593	4 588	307	4 258	23	-	5	-	5	-	-
5 persons.....	3 050	3 046	56	2 909	77	4	4	-	4	-	-
6 persons or more.....	2 883	2 878	-	1 693	1 020	165	5	-	-	5	-
Median.....	3.2	3.2	2.1	4.3	6.6	7.5+	...	...	...	...	...
Units with roomers, boarders, or lodgers.....	730	726	311	366	43	6	4	-	4	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	682	682	370	300	12	-	-	-	-	-	-
1965 to 1968.....	2 087	2 087	823	1 161	89	14	-	-	-	-	-
1960 to 1964.....	10 192	10 177	4 039	5 568	540	30	15	-	15	-	-
1950 to 1959.....	7 925	7 907	3 948	3 398	464	97	18	-	12	6	-
1940 to 1949.....	1 885	1 880	1 270	568	29	13	5	-	5	-	-
1939 or earlier.....	527	522	399	111	4	8	5	-	5	-	-
INCOME IN 1969											
Less than \$2,000.....	1 286	1 278	919	310	34	15	8	4	4	-	-
\$2,000 to \$2,999.....	591	586	393	155	22	16	5	-	-	5	-
\$3,000 to \$3,999.....	624	624	454	148	17	5	-	-	-	-	-
\$4,000 to \$4,999.....	633	627	376	220	31	-	6	-	6	-	-
\$5,000 to \$5,999.....	669	669	474	173	12	10	-	-	-	-	-
\$6,000 to \$6,999.....	881	876	522	322	32	-	5	-	5	-	-
\$7,000 to \$9,999.....	3 496	3 491	1 709	1 601	151	30	5	-	5	-	-
\$10,000 to \$14,999.....	7 211	7 206	2 850	3 853	447	56	5	-	5	-	-
\$15,000 to \$24,999.....	6 198	6 193	2 331	3 481	336	45	5	-	5	-	-
\$25,000 or more.....	1 692	1 692	738	900	43	11	-	-	-	-	-
Median.....	\$12 400	\$12 400	\$10 900	\$13 400	\$12 900	\$11 600	...	...	...	...	...
VALUE-INCOME RATIO Specified owner occupied ¹	21 720	21 710	9 896	10 583	1 074	157	10	-	10	-	-
Less than 1.5.....	4 997	4 987	1 862	2 705	348	72	10	-	10	-	-
1.5 to 1.9.....	5 155	5 155	2 058	2 763	307	27	-	-	-	-	-
2.0 to 2.4.....	3 659	3 659	1 339	2 118	191	11	-	-	-	-	-
2.5 to 2.9.....	2 158	2 158	1 016	1 068	58	16	-	-	-	-	-
3.0 to 3.9.....	2 335	2 335	1 275	966	79	15	-	-	-	-	-
4.0 or more.....	3 123	3 123	2 158	878	76	11	-	-	-	-	-
Not computed.....	293	293	188	85	15	5	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water.....	188	188	109	79	-	-	-	-	-	-	-
Warm-air furnace.....	16 870	16 860	7 496	8 541	739	84	10	-	10	-	-
Built-in electric units.....	4 157	4 153	2 081	1 718	292	62	4	-	4	-	-
Floor, wall, or pipeless furnace.....	326	326	159	127	35	5	-	-	-	-	-
Other means.....	1 698	1 673	905	672	59	37	25	4	16	5	-
None.....	42	42	16	26	-	-	-	-	-	-	-
Renter occupied housing units -----	17 592	17 276	6 771	8 732	1 189	584	316	17	268	5	26
PERSONS											
1 person.....	5 725	5 451	3 915	1 536	-	-	274	17	257	-	-
2 persons.....	5 328	5 313	2 676	2 437	-	200	15	-	5	-	10
3 persons.....	2 656	2 650	164	2 335	151	-	6	-	6	-	-
4 persons.....	1 782	1 782	16	1 592	135	39	-	-	-	-	-
5 persons.....	1 055	1 050	-	699	273	78	5	-	-	5	5
6 persons or more.....	1 046	1 030	-	133	630	267	16	-	-	5	11
Median.....	2.1	2.1	1.4	2.7	5.6	5.2	1.1	...	1.0	...	...
Units with roomers, boarders, or lodgers.....	851	851	232	537	55	27	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	309	309	147	141	21	-	-	-	-	-	-
1965 to 1968.....	1 058	1 044	332	541	93	78	14	-	14	-	-
1960 to 1964.....	6 662	6 632	2 523	3 392	525	192	30	-	23	7	-
1950 to 1959.....	6 065	5 954	2 328	3 031	403	192	111	7	85	-	19
1940 to 1949.....	2 409	2 329	898	1 163	122	146	80	8	72	-	-
1939 or earlier.....	1 071	986	422	498	39	27	85	-	73	-	12
INCOME IN 1969											
Less than \$2,000.....	2 491	2 380	1 346	882	80	72	111	11	94	-	6
\$2,000 to \$2,999.....	1 362	1 321	569	629	57	66	41	-	36	5	-
\$3,000 to \$3,999.....	1 315	1 272	514	653	74	31	43	6	37	-	-
\$4,000 to \$4,999.....	1 403	1 384	545	691	90	58	19	-	14	-	5
\$5,000 to \$5,999.....	1 598	1 561	615	830	102	14	37	-	37	-	-
\$6,000 to \$6,999.....	1 345	1 330	490	709	87	44	15	-	10	-	5
\$7,000 to \$9,999.....	3 362	3 341	1 076	1 822	321	122	21	-	21	-	-
\$10,000 to \$14,999.....	3 139	3 115	1 098	1 667	241	109	24	-	14	-	10
\$15,000 to \$24,999.....	1 333	1 328	424	738	111	55	5	-	5	-	-
\$25,000 or more.....	244	244	94	111	26	13	-	-	-	-	-
Median.....	\$6 500	\$6 500	\$5 700	\$7 000	\$8 000	\$7 200	\$3 100	...	\$3 100	...	...
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied ²	17 544	17 239	6 745	8 721	1 189	584	305	17	268	5	15
Less than 10 percent.....	663	648	160	363	63	62	15	-	15	-	-
10 to 14 percent.....	2 114	2 083	616	1 213	160	94	31	6	25	-	-
15 to 19 percent.....	2 640	2 604	882	1 409	236	77	36	-	36	-	-
20 to 24 percent.....	2 489	2 453	906	1 273	176	98	36	-	36	-	-
25 to 34 percent.....	3 082	3 046	1 012	1 645	277	112	36	-	36	-	5
35 percent or more.....	5 715	5 589	2 763	2 465	229	132	126	6	110	5	-
Not computed.....	841	816	406	353	48	9	25	5	10	-	10
HEATING EQUIPMENT											
Steam or hot water.....	35	35	16	19	-	-	-	-	-	-	-
Warm-air furnace.....	7 470	7 338	2 772	3 807	508	251	132	-	122	5	5
Built-in electric units.....	6 870	6 763	2 896	3 360	336	171	107	12	95	-	-
Floor, wall, or pipeless furnace.....	512	512	153	271	65	23	-	-	-	-	21
Other means.....	2 642	2 570	905	1 246	280	139	72	5	51	-	-
None.....	63	58	29	29	-	-	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]

Las Vegas	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	23 281	65	239	588	2 079	7 715	7 993	3 189	1 413	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	23 199	33	250	576	2 043	7 757	7 869	3 249	1 422	5.6
PERSONS										
1 person	2 011	41	127	252	495	663	361	52	20	4.6
2 persons	6 563	15	107	252	942	2 539	2 114	437	157	5.3
3 persons	4 181	4	5	41	324	1 559	1 521	583	144	5.6
4 persons	4 593	—	—	23	161	1 556	1 732	814	307	5.8
5 persons	3 050	—	—	4	77	813	1 324	543	289	6.0
6 persons or more	2 883	5	—	16	80	585	941	760	496	6.3
Median	3.2	...	1.4	1.7	2.1	2.9	3.5	4.1	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	23 242	54	234	588	2 075	7 705	7 988	3 189	1 409	5.6
0.50 or less	10 766	—	127	252	1 433	3 202	3 996	1 072	684	5.6
0.51 to 1.00	11 163	30	102	293	485	3 923	3 610	2 010	710	5.7
1.01 to 1.50	1 125	—	5	23	136	510	356	80	15	5.3
1.51 or more	188	24	—	20	21	70	26	27	—	4.9
Lacking some or all plumbing facilities	39	11	5	—	4	10	5	—	4	...
0.50 or less	4	—	—	—	4	—	—	—	—	...
0.51 to 1.00	30	11	5	—	—	5	5	—	4	...
1.01 to 1.50	5	—	—	—	—	5	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	1 085	125	160	454	143	165	19	19	—	3.1
2	4 131	—	—	214	1 899	1 559	419	40	—	4.5
3	13 778	—	—	—	146	5 704	6 236	1 456	236	5.7
4 or more	4 321	—	—	—	—	155	1 539	1 452	1 175	6.8
YEAR STRUCTURE BUILT										
1969 to March 1970	689	—	16	29	31	114	311	117	71	6.0
1960 to 1968	12 284	35	109	221	414	3 712	4 766	2 073	954	5.8
1950 to 1959	7 955	25	91	207	1 108	3 018	2 369	802	335	5.3
1949 or earlier	2 353	5	23	131	526	871	547	197	53	5.1
COMPLETE BATHROOMS										
1 and 1 1/2	9 084	28	264	545	1 750	3 800	1 975	613	109	5.0
2 or more	14 137	5	—	31	293	3 965	5 894	2 636	1 313	6.0
None or also used by another household	77	15	12	6	8	12	—	—	12	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	21 720	15	31	177	1 703	7 402	7 840	3 166	1 386	5.7
Less than 1.5	4 997	10	10	59	424	1 633	1 868	652	341	5.7
1.5 to 1.9	5 155	—	—	39	314	1 758	1 940	832	272	5.7
2.0 to 2.9	5 817	—	6	10	375	1 968	2 151	921	386	5.8
3.0 or more	5 458	5	15	63	561	1 928	1 798	705	383	5.6
Not computed	293	—	—	6	29	115	83	56	4	5.5
Renter occupied housing units	17 592	2 021	1 701	4 578	5 572	2 521	868	272	59	3.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	16 373	1 042	1 571	4 619	5 461	2 499	834	278	69	3.7
PERSONS										
1 person	5 725	1 793	1 069	1 842	746	205	50	16	4	2.5
2 persons	5 328	210	439	2 003	2 020	456	154	29	17	3.5
3 persons	2 656	—	151	464	1 400	477	113	51	—	4.0
4 persons	1 782	10	29	135	939	497	120	36	16	4.3
5 persons	1 055	8	3	72	273	435	185	75	4	4.9
6 persons or more	1 046	—	10	62	194	451	246	65	18	5.1
Median	2.1	1.1	1.3	1.7	2.5	3.7	4.5	4.6	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	17 276	1 749	1 684	4 567	5 566	2 516	863	272	59	3.6
0.50 or less	6 771	—	1 057	1 842	2 766	656	317	96	37	3.7
0.51 to 1.00	8 732	1 536	434	2 467	2 333	1 409	359	172	22	3.5
1.01 to 1.50	1 189	—	151	135	366	365	168	4	—	4.3
1.51 or more	584	213	42	123	101	86	19	—	—	2.8
Lacking some or all plumbing facilities	316	272	17	11	6	5	5	—	—	1.1
0.50 or less	17	—	12	—	—	—	—	—	—	...
0.51 to 1.00	268	257	5	—	6	—	—	—	—	1.0
1.01 to 1.50	5	—	—	—	—	—	—	—	—	...
1.51 or more	26	15	—	11	—	—	—	—	—	...
BEDROOMS										
None	1 989	1 811	137	41	—	—	—	—	—	1.0
1	5 941	—	1 715	3 821	405	—	—	—	—	2.8
2	6 632	—	—	497	5 277	752	85	21	—	4.0
3 or more	2 947	—	—	—	128	1 838	775	206	—	5.2
YEAR STRUCTURE BUILT										
1969 to March 1970	304	6	62	73	132	31	—	—	—	3.6
1960 to 1968	7 766	528	411	1 586	3 304	1 269	458	178	32	3.9
1950 to 1959	6 147	743	673	1 888	1 561	859	332	69	22	3.4
1949 or earlier	3 375	744	555	1 031	575	362	78	25	5	2.9
COMPLETE BATHROOMS										
1 and 1 1/2	15 256	1 771	1 579	4 563	5 017	1 868	383	55	20	3.4
2 or more	1 888	18	7	65	444	631	451	223	49	5.1
None or also used by another household	430	283	34	58	41	7	—	—	—	1.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	17 544	2 016	1 701	4 567	5 551	2 515	863	272	59	3.6
Less than 10 percent	663	96	81	178	156	109	33	10	—	3.4
10 to 14 percent	2 114	253	128	444	731	424	96	22	16	3.8
15 to 19 percent	2 640	220	167	591	982	393	227	60	—	3.8
20 to 24 percent	2 489	265	238	666	804	372	92	40	12	3.6
25 to 34 percent	3 082	347	308	873	900	467	156	31	—	3.5
35 percent or more	5 715	734	698	1 546	1 795	636	223	72	11	3.4
Not computed	841	101	81	269	183	114	36	37	20	3.4

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]

Las Vegas	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	23 281	21 868	752	661	17 592	4 478	1 522	4 037	2 485	2 388	2 529	153
ROOMS												
1 room	65	15	10	40	2 021	134	51	123	167	449	1 097	—
2 rooms	239	31	16	192	1 701	270	116	269	295	431	247	73
3 rooms	588	182	164	242	4 578	679	327	1 127	855	943	594	53
4 rooms	2 079	1 724	226	129	5 572	954	604	2 237	853	449	448	27
5 rooms	7 715	7 451	211	53	2 521	1 390	339	259	315	90	128	—
6 rooms	7 993	7 886	102	5	868	720	85	22	—	26	15	—
7 rooms	3 189	3 180	9	—	272	272	—	—	—	—	—	—
8 rooms or more	1 413	1 399	14	—	59	59	—	—	—	—	—	—
Median	5.6	5.7	4.3	2.9	3.6	4.6	3.9	3.7	3.4	2.8	2.2	2.6
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	23 242	21 853	744	645	17 276	4 457	1 507	4 015	2 465	2 331	2 360	141
0.50 or less	10 766	9 974	444	348	6 771	1 721	436	1 776	1 035	991	718	94
0.51 to 1.00	11 163	10 644	258	261	8 732	2 152	799	1 875	1 237	1 177	1 459	33
1.01 to 1.50	1 125	1 078	32	15	1 189	415	207	254	147	88	64	14
1.51 or more	188	157	10	21	584	169	65	110	46	75	119	—
Lacking some or all plumbing facilities	39	15	—	16	316	21	15	22	20	57	169	12
0.50 or less	4	—	4	—	17	—	5	—	—	—	—	—
0.51 to 1.00	30	10	4	16	268	—	5	22	20	57	164	—
1.01 to 1.50	5	5	—	—	5	—	5	—	—	—	—	—
1.51 or more	—	—	—	—	26	21	—	—	—	—	5	—
BEDROOMS												
None	144	25	—	119	1 989	159	93	116	170	483	968	—
1	941	434	184	323	5 941	954	347	1 445	1 035	1 237	809	114
2	4 131	3 567	367	197	6 632	1 243	707	2 533	968	487	694	—
3	13 778	13 488	203	87	2 427	1 502	275	120	317	108	105	—
4 or more	4 321	4 296	25	—	520	418	78	—	—	24	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	689	606	17	66	304	54	30	83	48	39	40	10
1965 to 1968	2 096	1 877	73	146	1 140	210	68	336	107	92	304	23
1960 to 1964	10 188	9 806	113	269	6 626	1 327	388	1 941	1 212	790	942	26
1950 to 1959	7 955	7 451	332	172	6 147	1 686	682	1 165	762	1 015	770	67
1940 to 1949	1 868	1 703	157	8	2 332	719	284	419	247	278	368	17
1939 or earlier	485	425	60	—	1 043	482	70	93	109	174	105	10
INCOME IN 1969												
Less than \$2,000	1 286	1 029	90	167	2 491	520	147	517	342	373	546	46
\$2,000 to \$2,999	591	481	48	62	1 362	242	185	342	140	235	202	16
\$3,000 to \$3,999	624	530	33	61	1 315	219	139	286	217	274	174	6
\$4,000 to \$4,999	633	538	40	55	1 403	222	180	388	213	185	202	13
\$5,000 to \$5,999	669	594	43	32	1 598	347	139	382	197	253	246	34
\$6,000 to \$6,999	881	806	33	42	1 345	298	117	312	229	196	188	5
\$7,000 to \$9,999	3 496	3 332	79	65	3 362	900	292	767	532	362	482	27
\$10,000 to \$14,999	7 211	6 895	200	114	3 139	1 055	243	706	412	365	358	—
\$15,000 to \$24,999	6 198	6 032	125	41	1 333	571	47	337	178	100	94	6
\$25,000 or more	1 692	1 631	61	—	244	104	33	—	25	45	37	—
Median	\$12 400	\$12 600	\$10 300	\$4 700	\$6 500	\$8 300	\$5 800	\$6 300	\$6 600	\$5 500	\$5 600	\$4 700
YEAR MOVED INTO UNIT												
1969 to March 1970	3 519	3 197	118	204	10 277	2 375	809	2 267	1 731	1 557	1 482	56
1968	2 793	2 673	55	65	2 402	619	159	541	308	283	446	46
1967	2 076	1 988	41	47	1 704	524	163	378	221	208	193	17
1965 and 1966	3 357	3 115	125	117	1 566	423	198	432	141	149	216	7
1960 to 1964	6 713	6 359	218	136	1 117	313	124	315	102	142	107	14
1950 to 1959	3 860	3 603	162	95	471	160	78	67	50	46	64	6
1949 or earlier	980	944	36	—	37	15	—	8	—	7	—	7
GROSS RENT												
Specified renter occupied¹	...	...	...	...	17 544	4 430	1 522	4 037	2 485	2 388	2 529	153
Less than \$50	...	...	...	...	227	10	32	79	6	15	73	12
\$50 to \$59	...	...	...	...	250	15	42	49	16	31	87	10
\$60 to \$69	...	...	...	...	541	107	111	133	46	59	80	5
\$70 to \$79	...	...	...	...	607	98	97	249	56	34	61	12
\$80 to \$99	...	...	...	...	1 485	322	273	189	143	172	368	18
\$100 to \$119	...	...	...	...	2 080	492	214	447	333	276	293	25
\$120 to \$149	...	...	...	...	4 214	668	191	948	809	874	696	28
\$150 to \$199	...	...	...	...	5 836	1 289	427	1 786	923	759	609	43
\$200 to \$299	...	...	...	...	1 732	1 042	115	116	142	103	214	—
\$300 or more	...	...	...	...	164	164	—	—	—	—	—	—
No cash rent	...	...	...	...	408	223	20	41	11	65	48	—
Median	...	...	...	...	\$144	\$165	\$118	\$147	\$144	\$140	\$132	\$116
HEATING EQUIPMENT												
Steam or hot water	188	188	—	—	35	30	—	—	—	—	5	—
Warm-air furnace	16 870	16 273	323	274	7 470	2 013	513	1 994	1 065	785	1 078	22
Built-in electric units	4 157	3 837	278	42	6 870	1 460	386	1 403	990	1 278	1 322	31
Floor, wall, or pipeless furnace	326	306	15	5	512	157	141	100	35	61	18	—
Other means	1 698	1 222	136	340	2 642	778	471	534	389	264	106	100
None	42	42	—	—	63	40	11	6	6	—	—	—
AIR CONDITIONING												
Room unit(s)	1 915	1 593	154	168	4 259	855	377	632	664	783	905	43
Central system	17 752	17 091	463	198	9 554	2 140	661	2 647	1 373	1 271	1 425	37
None	3 631	3 195	138	298	3 761	1 434	493	729	516	338	178	73
AUTOMOBILES AVAILABLE												
1	8 894	8 138	366	390	10 249	2 381	896	2 384	1 685	1 487	1 322	94
2	10 846	10 436	277	133	3 265	1 251	269	801	323	325	289	7
3 or more	2 980	2 911	56	13	504	267	19	102	64	23	29	—
None	578	394	56	128	3 556	530	347	721	481	557	868	52

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]

Las Vegas	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	23 281	320	4 095	5 079	7 323	1 509	907	77	1 709	251	1 411	606
PLUMBING FACILITIES BY PERSONS PER ROOM	23 242	320	4 095	5 069	7 313	1 509	907	77	1 705	251	1 406	590
With all plumbing facilities	23 242	320	4 095	5 069	7 313	1 509	907	77	1 705	251	1 406	590
0.50 or less	10 766	104	1 005	1 060	3 958	1 159	423	50	869	172	1 388	578
0.51 to 1.00	11 163	183	2 773	3 477	3 108	327	448	27	721	69	18	12
1.01 to 1.50	1 125	28	289	454	220	9	36	-	84	5	-	-
1.51 or more	188	5	28	78	27	14	-	-	31	5	-	-
Lacking some or all plumbing facilities	39	-	-	10	10	-	-	-	4	-	5	10
0.50 or less	4	-	-	-	-	-	-	-	-	-	5	4
0.51 to 1.00	30	-	-	5	10	-	-	-	4	-	5	6
1.01 to 1.50	5	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE	21 868	294	3 978	4 990	6 947	1 330	862	64	1 638	226	1 126	413
1	752	15	65	42	250	71	28	9	53	25	118	76
2 or more	661	11	52	47	126	108	17	4	18	-	167	111
Mobile home or trailer												
INCOME IN 1969												
Less than \$2,000	1 286	10	35	30	124	137	59	14	287	45	284	261
\$2,000 to \$2,999	591	5	16	16	31	135	18	9	111	47	75	128
\$3,000 to \$3,999	624	4	29	30	65	188	9	14	87	21	123	54
\$4,000 to \$4,999	633	5	32	58	77	117	24	4	139	17	84	76
\$5,000 to \$5,999	669	7	68	59	117	115	19	-	148	8	122	6
\$6,000 to \$6,999	881	12	108	97	262	84	13	-	139	31	112	23
\$7,000 to \$9,999	3 496	90	802	631	934	194	159	14	347	49	259	17
\$10,000 to \$14,999	7 211	137	1 831	1 694	2 436	203	363	11	252	10	243	31
\$15,000 to \$24,999	6 198	41	1 035	1 941	2 486	229	186	5	152	23	96	4
\$25,000 or more	1 692	9	139	523	791	107	57	6	47	-	13	-
Median	\$12 400	\$11 000	\$12 600	\$14 800	\$14 200	\$6 700	\$12 100	...	\$6 600	\$4 700	\$6 200	\$2 300
VALUE-INCOME RATIO												
Specified owner occupied¹	21 720	294	3 968	4 944	6 892	1 319	854	60	1 634	226	1 121	408
Less than 1.5	4 997	63	792	1 397	2 143	196	138	15	125	18	96	14
1.5 to 1.9	5 155	77	1 101	1 425	1 898	147	190	-	151	16	141	9
2.0 to 2.4	3 659	61	904	982	1 128	166	153	-	154	17	89	5
2.5 to 2.9	2 158	56	504	442	586	106	130	11	192	6	125	-
3.0 to 3.9	2 335	16	456	450	635	207	113	-	267	30	129	32
4.0 or more	3 123	21	202	237	487	476	103	34	629	135	463	336
Not computed	293	-	9	11	15	21	27	-	116	4	78	12
Renter occupied housing units	17 592	1 455	2 514	1 609	2 208	690	1 153	58	2 098	82	4 527	1 198
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	17 276	1 449	2 509	1 604	2 198	690	1 147	53	2 093	82	4 314	1 137
0.50 or less	6 771	267	422	228	739	224	409	27	516	24	3 150	765
0.51 to 1.00	8 732	1 028	1 648	1 019	1 236	402	623	26	1 171	43	1 164	372
1.01 to 1.50	1 189	107	309	273	130	16	62	-	287	5	-	-
1.51 or more	584	47	130	84	93	48	53	-	119	10	-	-
Lacking some or all plumbing facilities	316	6	5	5	10	-	6	5	5	-	213	61
0.50 or less	17	-	-	-	-	-	-	-	-	-	11	6
0.51 to 1.00	268	6	-	-	-	-	-	5	-	-	202	55
1.01 to 1.50	5	-	-	5	-	-	-	-	-	-	-	-
1.51 or more	26	-	5	-	10	-	6	-	5	-	-	-
UNITS IN STRUCTURE												
1	4 478	290	866	744	726	124	306	16	528	42	619	217
2 to 4	5 559	627	847	498	685	254	343	16	955	17	1 003	314
5 to 19	4 873	431	640	239	578	172	362	21	422	23	1 635	350
20 or more	2 529	102	145	128	203	130	132	5	181	-	1 211	292
Mobile home or trailer	153	5	16	-	16	10	10	-	12	-	59	25
GROSS RENT												
Specified renter occupied²	17 544	1 450	2 509	1 603	2 192	690	1 147	58	2 093	82	4 522	1 198
Less than \$50	227	5	-	-	45	5	5	5	18	5	46	98
\$50 to \$59	250	10	5	4	8	21	21	-	23	-	50	108
\$60 to \$69	541	15	19	19	26	25	6	5	109	5	213	99
\$70 to \$79	607	19	67	35	25	21	25	-	161	5	164	85
\$80 to \$99	1 485	44	92	63	130	41	60	5	140	3	732	155
\$100 to \$119	2 080	179	179	148	224	79	149	-	187	4	710	219
\$120 to \$149	4 214	466	533	247	465	189	220	16	407	25	1 363	283
\$150 to \$199	5 836	650	1 127	600	871	215	473	11	795	30	995	69
\$200 to \$299	1 732	49	429	372	319	22	155	11	204	-	147	24
\$300 or more	164	-	30	41	29	-	17	-	22	-	18	7
No cash rent	408	13	28	74	93	32	16	5	7	5	84	51
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied²	17 544	1 450	2 509	1 603	2 192	690	1 147	58	2 093	82	4 522	1 198
Less than \$5,000	6 550	392	306	195	358	401	397	47	1 171	33	2 226	1 024
Less than 20 percent	81	5	-	-	11	12	4	-	24	-	10	15
20 to 24 percent	238	15	23	8	10	21	-	-	38	-	97	26
25 to 34 percent	855	55	52	36	61	88	52	5	110	5	293	98
35 percent or more	4 804	307	216	142	238	259	310	37	913	23	1 574	785
Not computed	572	10	15	9	38	21	31	5	86	5	252	100
\$5,000 to \$9,999	6 294	716	1 086	533	769	169	458	11	719	30	1 685	118
Less than 20 percent	1 550	144	227	150	188	23	80	-	165	10	530	33
20 to 24 percent	1 661	204	311	121	200	50	74	-	152	10	500	39
25 to 34 percent	2 077	291	405	134	252	63	196	6	244	10	447	29
35 percent or more	876	69	135	99	104	17	103	5	158	-	181	12
Not computed	130	8	8	29	25	16	5	-	-	-	27	5
\$10,000 to \$14,999	3 123	262	722	531	597	95	232	-	167	5	476	36
Less than 20 percent	2 308	219	544	331	456	72	139	-	113	-	407	27
20 to 24 percent	537	38	125	107	77	23	68	-	48	-	42	4
25 percent or more	175	-	33	62	28	-	19	-	6	-	27	-
Not computed	103	5	20	31	36	-	6	-	-	-	-	5
\$15,000 or more	1 577	80	395	344	468	25	60	-	36	14	135	20
Less than 20 percent	1 478	80	376	318	430	25	49	-	36	9	135	20
20 to 24 percent	53	-	19	13	16	-	5	-	-	-	-	-
25 percent or more	10	-	-	4	-	-	6	-	-	-	-	-
Not computed	36	-	-	9	22	-	-	-	-	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]

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Las Vegas										
Owner occupied housing units	23 281	2 011	6 563	4 181	4 593	3 050	1 717	729	437	3.2
BEDROOMS										
None and 1	1 085	446	513	—	20	42	64	—	—	1.7
2	4 131	923	1 922	722	243	190	71	20	40	2.1
3	13 778	604	3 339	3 144	3 291	1 996	868	346	190	3.4
4 or more	4 321	83	574	364	764	910	951	404	271	4.9
YEAR STRUCTURE BUILT										
1969 to March 1970	689	42	233	128	124	80	40	20	22	3.0
1965 to 1968	2 096	117	424	335	587	304	178	94	57	3.8
1960 to 1964	10 188	603	2 379	1 748	2 378	1 632	911	387	150	3.7
1950 to 1959	7 955	813	2 463	1 553	1 282	930	523	199	192	3.0
1940 to 1949	1 868	310	869	309	196	90	61	29	4	2.2
1939 or earlier	485	126	195	108	26	14	4	—	12	2.1
UNITS IN STRUCTURE										
1	21 868	1 539	5 932	4 062	4 503	3 005	1 682	719	426	3.4
2 or more	752	194	336	90	61	37	19	10	5	2.0
Mobile home or trailer	661	278	295	29	29	8	16	—	6	1.7
COMPLETE BATHROOMS										
1 and 1 1/2	9 084	1 390	3 205	1 554	1 358	811	436	160	170	2.5
2 and 2 1/2	13 011	621	3 089	2 497	3 084	2 031	1 080	436	173	3.6
3 or more	1 126	15	282	98	206	180	149	119	77	4.3
None or also used by another household	77	29	12	13	5	5	7	6	—	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	21 270	...	6 563	4 181	4 593	3 050	1 717	729	437	3.5
Male head, wife present, no nonrelatives	18 326	...	5 442	3 456	4 066	2 756	1 556	675	375	3.6
Under 25 years	320	...	71	100	80	34	20	5	10	3.4
25 to 34 years	4 095	...	535	767	1 377	804	391	147	74	4.0
35 to 44 years	5 079	...	572	638	1 414	1 132	744	344	235	4.4
45 to 64 years	7 323	...	3 137	1 707	1 112	762	375	174	56	2.8
65 years and over	1 509	...	1 127	244	83	24	26	5	—	2.2
Other male head	984	...	377	208	183	116	68	21	11	3.1
Under 65 years	907	...	320	198	173	116	68	21	11	3.2
65 years and over	77	...	57	10	10	—	—	—	—	...
Female head	1 960	...	744	517	344	178	93	33	51	3.0
Under 65 years	1 709	...	584	470	305	178	88	33	51	3.1
65 years and over	251	...	160	47	39	—	5	—	—	2.3
One-person households	2 011	2 011	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	21 720	1 529	5 890	4 023	4 469	2 991	1 682	710	426	3.4
Less than 1.5	4 997	110	1 204	994	978	886	456	239	130	3.7
1.5 to 1.9	5 155	150	1 327	969	1 256	701	445	188	119	3.6
2.0 to 2.4	3 659	94	826	686	932	517	401	144	59	3.7
2.5 to 2.9	2 158	125	623	365	477	340	136	57	35	3.4
3.0 to 3.9	2 335	161	787	451	416	315	134	33	38	3.0
4.0 or more	3 123	799	1 044	519	364	223	90	44	40	2.2
Not computed	293	90	79	39	46	9	20	5	5	2.2
Renter occupied housing units	17 592	5 725	5 328	2 656	1 782	1 055	476	355	215	2.1
BEDROOMS										
None	1 989	1 776	188	—	25	—	—	—	—	1.1
1	5 941	2 786	2 447	504	103	37	24	40	—	1.6
2	6 632	987	2 274	1 545	1 301	331	89	88	17	2.5
3 or more	2 947	184	533	498	626	571	248	111	176	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	304	110	85	84	13	12	—	—	—	2.0
1965 to 1968	1 140	354	293	157	170	60	50	43	13	2.2
1960 to 1964	6 626	1 441	2 136	1 237	878	452	209	159	114	2.4
1950 to 1959	6 147	2 209	1 897	821	527	362	142	115	54	2.0
1940 to 1949	2 332	1 063	618	279	144	136	30	34	28	1.7
1939 or earlier	1 043	548	299	78	50	33	25	4	6	1.5
UNITS IN STRUCTURE										
1	4 478	836	1 204	751	585	549	224	205	124	2.8
2	1 522	329	298	293	258	161	64	68	51	3.0
3 and 4	4 037	988	1 473	761	515	161	62	52	25	2.2
5 to 9	2 485	820	869	363	282	82	57	8	4	2.0
10 to 19	2 388	1 165	818	237	54	75	34	5	—	1.5
20 or more	2 529	1 503	616	232	88	27	35	17	11	1.3
Mobile home or trailer	153	84	50	19	—	—	—	—	—	1.4
COMPLETE BATHROOMS										
1 and 1 1/2	15 256	5 201	4 840	2 284	1 370	827	325	271	138	2.0
2 or more	1 888	173	403	406	305	249	171	100	81	3.4
None or also used by another household	430	320	50	17	13	10	6	14	—	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	11 867	...	5 328	2 656	1 782	1 055	476	355	215	2.7
Male head, wife present, no nonrelatives	8 476	...	3 705	1 921	1 297	811	345	242	155	2.8
Under 25 years	1 455	...	699	463	215	42	16	14	6	2.6
25 to 34 years	2 514	...	727	609	596	315	121	99	47	3.4
35 to 44 years	1 609	...	397	365	284	233	159	87	84	3.6
45 to 64 years	2 208	...	1 284	414	190	217	49	36	18	2.4
65 years and over	690	...	598	70	12	4	—	6	—	2.1
Other male head	1 211	...	798	211	107	52	21	6	16	2.3
Under 65 years	1 153	...	740	211	107	52	21	6	16	2.3
65 years and over	58	...	58	—	—	—	—	—	—	...
Female head	2 180	...	825	524	378	192	110	107	44	3.0
Under 65 years	2 098	...	774	513	368	192	105	102	44	3.0
65 years and over	82	...	51	11	10	5	5	—	—	...
One-person households	5 725	5 725	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	17 544	5 720	5 302	2 645	1 782	1 055	476	349	215	2.1
Less than 10 percent	663	166	182	120	60	58	35	27	15	2.4
10 to 14 percent	2 114	432	748	338	254	165	43	85	49	2.3
15 to 19 percent	2 640	579	866	497	302	172	104	61	49	2.4
20 to 24 percent	2 489	708	809	395	272	183	42	55	25	2.2
25 to 34 percent	3 082	876	930	524	337	221	111	34	49	2.2
35 percent or more	5 715	2 563	1 580	656	488	226	106	83	13	1.7
Not computed	841	396	187	115	69	30	35	4	5	1.6

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

Table B-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]

Las Vegas					Las Vegas				
	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	502	249	109	144	Vacant for rent	1 186	1 088	72	26
ROOMS					ROOMS				
1 to 3 rooms	3	—	3	—	1 room	64	60	4	—
4 rooms	49	31	18	—	2 rooms	123	114	5	4
5 rooms	181	100	57	24	3 rooms	421	397	14	10
6 rooms	101	83	18	—	4 rooms	433	388	37	8
7 rooms or more	168	35	13	120	5 rooms	119	107	12	—
PLUMBING FACILITIES					6 rooms	19	19	—	—
With all plumbing facilities	495	249	102	144	7 rooms or more	7	3	—	4
Lacking some or all plumbing facilities	7	—	7	—	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities	1 174	1 076	72	26
None and 1	16	16	—	—	Lacking some or all plumbing facilities	12	12	—	—
2	133	85	48	—	BEDROOMS				
3	360	132	129	99	None	106	106	—	—
4 or more	81	—	—	81	1	613	546	50	17
YEAR STRUCTURE BUILT					2	293	293	—	—
1969 to March 1970	264	125	24	115	3 or more	119	119	—	—
1960 to 1968	113	50	45	18	YEAR STRUCTURE BUILT				
1950 to 1959	90	52	27	11	1969 to March 1970	34	20	10	4
1949 or earlier	35	22	13	—	1960 to 1968	542	506	28	8
UNITS IN STRUCTURE					1950 to 1959	345	327	9	9
1	485	232	109	144	1949 or earlier	265	235	25	5
2 or more	17	17	—	—	UNITS IN STRUCTURE				
HEATING EQUIPMENT					1	174	130	31	13
Steam or hot water	4	4	—	—	2 to 4	405	371	25	9
Warm-air furnace	428	209	78	141	5 to 9	209	201	4	4
Built-in electric units	48	24	21	3	10 to 19	212	208	4	—
Floor, wall, or pipeless furnace	—	—	—	—	20 or more	186	178	8	—
Other means	13	9	4	—	RENT ASKED				
None	9	3	6	—	Specified vacant for sale¹	485	232	109	144
SALES PRICE ASKED					Less than \$5,000	—	—	—	—
Less than \$5,000	—	—	—	—	\$5,000 to \$9,999	—	—	—	—
\$5,000 to \$9,999	—	—	—	—	\$10,000 to \$14,999	32	14	18	—
\$10,000 to \$14,999	32	14	18	—	\$15,000 to \$19,999	95	46	43	6
\$15,000 to \$19,999	95	46	43	6	\$20,000 to \$24,999	145	117	18	10
\$20,000 to \$24,999	145	117	18	10	\$25,000 to \$34,999	152	42	30	80
\$25,000 to \$34,999	152	42	30	80	\$35,000 to \$49,999	47	13	—	34
\$35,000 to \$49,999	47	13	—	34	\$50,000 or more	14	—	—	14
\$50,000 or more	14	—	—	14	Median price asked	\$24 000	\$22 400	\$19 200	\$32 000
Median price asked	\$24 000	\$22 400	\$19 200	\$32 000	Specified vacant for rent²	1 186	1 088	72	26
					Less than \$50	8	8	—	—
					\$50 to \$59	18	18	—	—
					\$60 to \$79	67	51	8	8
					\$80 to \$99	118	99	14	5
					\$100 to \$119	146	119	22	5
					\$120 to \$149	289	281	8	—
					\$150 to \$199	478	454	20	4
					\$200 or more	62	58	—	4
					Median rent asked	\$144	\$147	...	...

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]

Las Vegas	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	485	—	32	95	145	152	61	1 186	26	67	118	435	478	61
PLUMBING FACILITIES														
With all plumbing facilities	556	—	34	131	165	178	48	1 096	35	103	166	300	420	72
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	35	—	17	—	18	—	—
BEDROOMS														
None and 1	16	—	—	—	16	—	—	719	35	87	151	232	214	—
2	99	—	17	48	34	—	—	293	—	33	15	53	174	18
3	360	—	17	83	115	145	—	119	—	—	—	33	32	54
4 or more	81	—	—	—	—	33	48	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
69 to March 1970	264	—	—	35	95	82	52	34	—	4	6	5	10	9
60 to 1968	109	—	12	10	28	50	9	542	14	23	17	154	291	43
50 to 1959	86	—	17	39	19	11	—	345	12	15	42	167	99	10
49 or earlier	26	—	3	11	3	9	—	265	—	25	53	109	78	—
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	174	8	8	35	51	42	30
2 to 4 .....	...	...	...	...	...	...	...	405	18	26	29	154	159	19
5 to 19 .....	...	...	...	...	...	...	...	421	—	25	50	156	181	9
20 or more .....	...	...	...	...	...	...	...	186	—	8	4	74	96	4
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	248	18	12	27	101	90	—
Some or no utilities included .....	...	...	...	...	...	...	...	938	8	55	91	334	388	62

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
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USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, **Standard Metropolitan Statistical Areas: 1967**, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

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

Comparability with 1960 data.—

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

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

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

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

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

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

LIVING QUARTERS

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

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

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

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A

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

Year moved into unit.—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

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

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

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

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

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

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

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

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

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

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

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

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

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

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

The statistics on rent exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

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

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

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

Gross rent as percentage of income.—The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

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

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

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

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

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

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

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

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

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

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

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

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

APPENDIX B—Continued

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

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p> <p style="text-align: center;"><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes ——— What is the number? _____</p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></p> <p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p> <p>H3. Do you have complete kitchen facilities? <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>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. <i>If you live in a one-family house which you own or are buying—</i> 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: 100px;"><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. <i>Answer this question if you pay rent for your living quarters.</i></p> <p>a. If rent is paid by the month— What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p style="margin-left: 40px;"><i>and</i></p> <p>Fill one circle → <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— What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center; font-size: small;"><i>(Nearest dollar) (Week, half-month, year, etc.)</i></p>	<p style="text-align: center; font-size: small;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <th style="width: 50%; text-align: center;">a4. Block number</th> <th style="width: 50%; text-align: center;">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 style="margin-left: 20px;"><u>Occupied</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p style="margin-left: 20px;"><u>Vacant</u></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p style="margin-left: 20px;"><u>Group quarters</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p style="font-size: x-small; margin-left: 20px;"><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 style="margin-left: 20px;"><u>Year round—</u></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 style="margin-left: 20px;"><u>Seasonal</u></p> <p><input type="radio"/> <u>Migratory</u></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> <hr/> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <hr/> <p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p>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 <u>with</u> flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters <u>without</u> flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H20. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input checked="" type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

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

15 and 5 percent

5 percent

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <hr/> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <hr/> <p>c. Water? <input checked="" type="checkbox"/></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p> <hr/> <p>H14. How are your living quarters heated? Fill 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) <input checked="" type="checkbox"/></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> <hr/> <p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p> <hr/> <p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <hr/> <p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p> <hr/> <p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="checkbox"/> <input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p>H24a. How many stories (floors) are in this building?</p> <p><input type="radio"/> 1 to 3 stories</p> <p><input type="radio"/> 4 to 6 stories</p> <p><input type="radio"/> 7 to 12 stories</p> <p><input checked="" type="radio"/> 13 stories or more</p> <hr/> <p>b. If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>H25a. Which fuel is used most for cooking? <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>b. Which fuel is used most for house heating? <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>c. Which fuel is used most for water heating? <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p> <hr/> <p>H27a. Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <hr/> <p>b. Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No <input checked="" type="checkbox"/></p> <hr/> <p>c. Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>d. Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>H28a. Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <hr/> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p> <hr/> <p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p> <hr/> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
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APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

EDITING OF UNACCEPTABLE DATA

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

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

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

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

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

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

SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5-percent sample by designating every fourth 20-percent sample unit as a

APPENDIX C—Continued

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

APPENDIX C—Continued

can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

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

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

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

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

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III. BLOCK STATISTICS

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

Volume IV. COMPONENTS OF INVENTORY CHANGE

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

Volume V. RESIDENTIAL FINANCE

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

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII. SUBJECT REPORTS

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

Population Census Reports

Volume I. CHARACTERISTICS OF THE POPULATION

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

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

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

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

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

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

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume II.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural poverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

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

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

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

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

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

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

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

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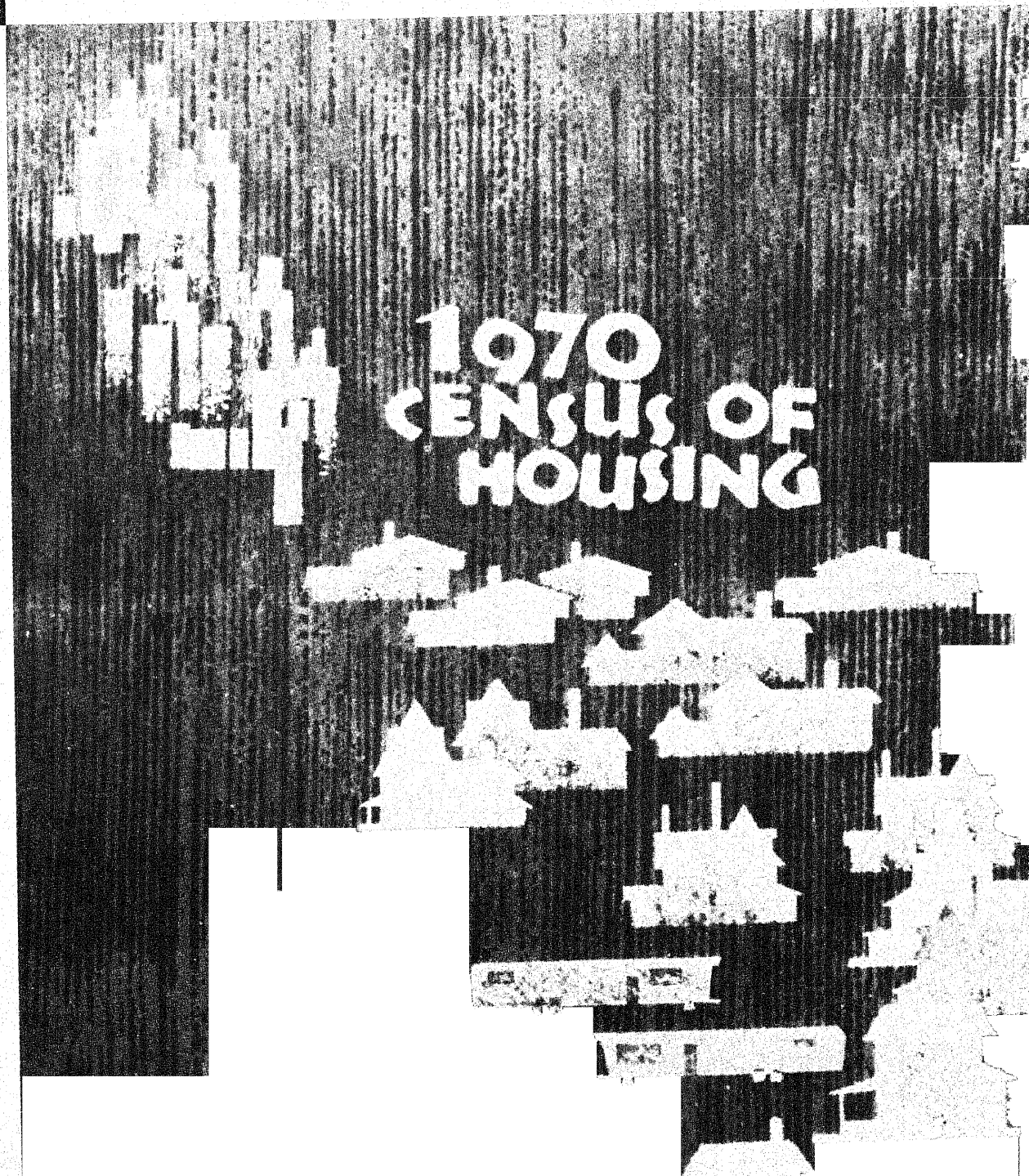
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Metropolitan Housing Characteristics

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

HC(2)-112



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HOUSING DIVISION

Arthur F. Young, Chief

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**1970
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Metropolitan
Housing
Characteristics

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

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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, Oreg. SMSA	108	Lancaster, Pa. SMSA
25	Biloxi-Gulfport, Miss. SMSA	67	Evansville, Ind.-Ky. SMSA	109	Lansing, Mich. SMSA
26	Binghamton, N.Y.-Pa. SMSA	68	Fall River, Mass.-R.I. SMSA	110	Laredo, Tex. SMSA
27	Birmingham, Ala. SMSA	69	Fargo-Moorhead, N. Dak.-Minn. SMSA	111	Las Vegas, Nev. SMSA
28	Bloomington-Normal, Ill. SMSA	70	Fayetteville, N.C. SMSA	112	Lawrence-Haverhill, Mass.-N.H. SMSA
29	Boise City, Idaho SMSA	71	Fitchburg-Leominster, Mass. SMSA	113	Lawton, Okla. SMSA
30	Boston, Mass. SMSA	72	Flint, Mich. SMSA	114	Lewiston-Auburn, Maine SMSA
31	Bridgeport, Conn. SMSA	73	Fort Lauderdale-Hollywood, Fla. SMSA	115	Lexington, Ky. SMSA
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
36	Buffalo, N.Y. SMSA	78	Gadsden, Ala. SMSA	120	Los Angeles-Long Beach, Calif. SMSA
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
146	New Haven, Conn. SMSA	188	Salem, Oreg. SMSA	230	Vineland-Millville-Bridgeton, N.J. SMSA
147	New London-Groton-Norwich, Conn. SMSA	189	Salinas-Monterey, Calif. SMSA	231	Waco, Tex. SMSA
148	New Orleans, La. SMSA	190	Salt Lake City, Utah SMSA	232	Washington, D.C.-Md.-Va. SMSA
149	New York, N.Y. SMSA	191	San Angelo, Tex. SMSA	233	Waterbury, Conn. SMSA
150	Newark, N.J. SMSA	192	San Antonio, Tex. SMSA	234	Waterloo, Iowa SMSA
151	Newport News-Hampton, Va. SMSA	193	San Bernardino-Riverside-Ontario, Calif. SMSA	235	West Palm Beach, Fla. SMSA
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, Puerto Rico SMSA
162	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, Puerto Rico SMSA
163	Peoria, Ill. SMSA	205	Sioux Falls, S. Dak. SMSA	247	Ponce, Puerto Rico SMSA
164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, Puerto Rico 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	—	—	—	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

GENERAL	V
Organization of the text	V
Content of the tables	V
Sample size	V
Derived figures (medians, etc.)	VI
Symbols	VI
Boundaries	VI
DATA COLLECTION PROCEDURES	VI
PROCESSING PROCEDURES	VII

GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.—The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

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

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

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

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

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

Derived figures (medians, etc.).—

Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal parts—one-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000—." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the

terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

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

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

DATA COLLECTION PROCEDURES

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

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

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the

population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

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

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

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

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

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

PROCESSING PROCEDURES

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

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing

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

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Lawrence-Haverhill, Mass.-N.H.
STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 112.]

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	—	—
Haverhill city	B	10 to 18	—	—
Lawrence city	C	19 to 27	—	—

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]

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| 14 | Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970 |
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TABLE

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| 17 | Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970 |
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| 18 | Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970 |
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| 19 | Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970 |
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| 20 | Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language: 1970 |
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| 21 | Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970 |
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DESCRIPTION OF SMSA

The Lawrence-Haverhill, Mass.-N.H. Standard Metropolitan Statistical Area comprises the following:

Essex County, Mass. (part)

Andover town
Georgetown town
Groveland town
Haverhill city
Lawrence city
Merrimac town
Methuen town
North Andover town
West Newbury town

Rockingham County, N.H.

Newton town
Plaistow town
Salem town

Counties, Standard Metropolitan Statistical Areas, and Selected Places

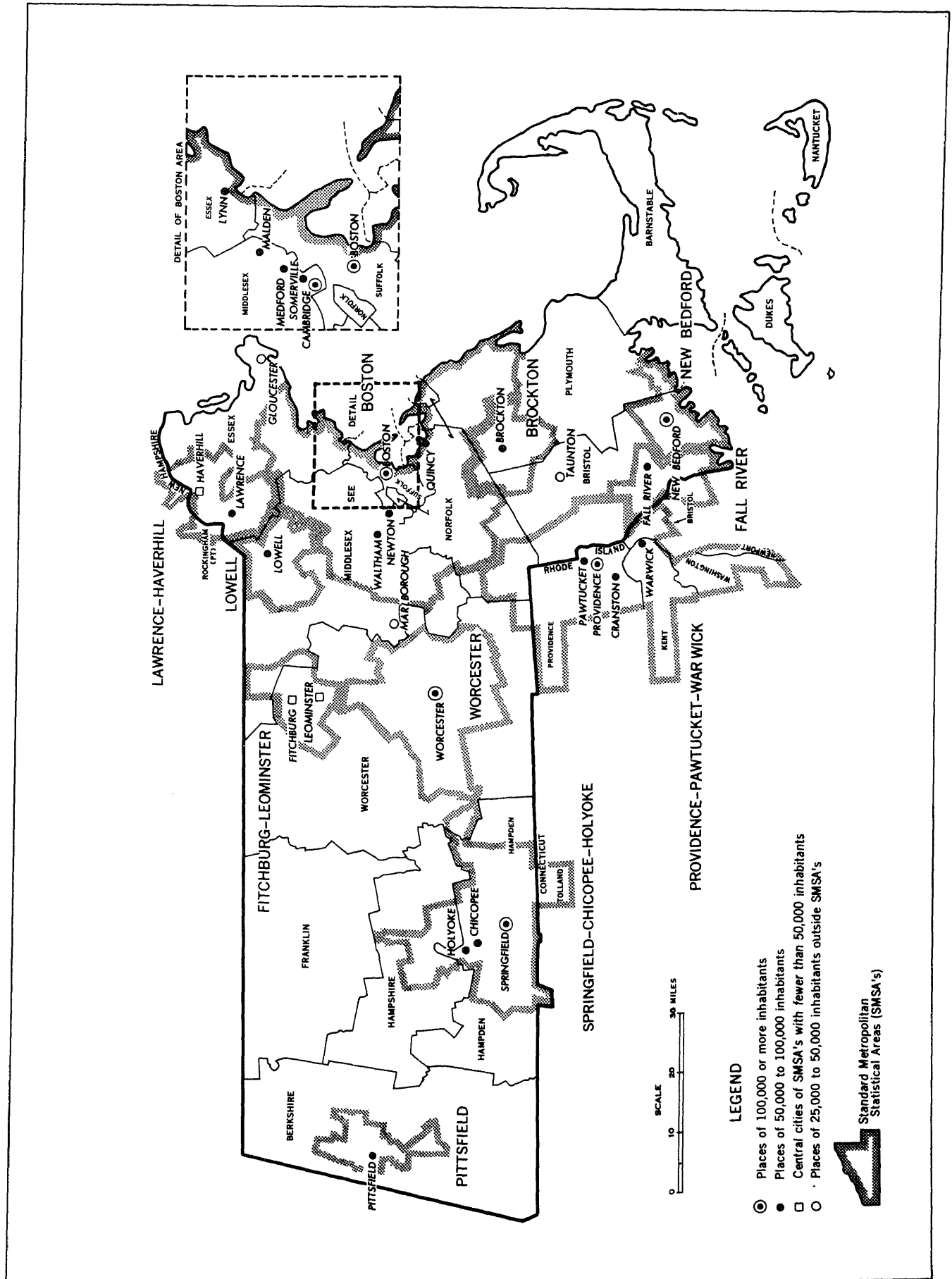


Table A-1. Value of Owner Occupied Housing Units: 1970

[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	31 215	372	626	1 083	2 248	2 787	9 362	6 858	4 881	2 202	796	19 600
ROOMS												
1 and 2 rooms	60	34	5	10	—	—	5	6	—	—	—	...
3 rooms	328	56	49	58	42	24	59	16	4	—	—	9 200
4 rooms	2 821	51	156	177	387	425	1 121	382	104	4	14	15 900
5 rooms	7 761	71	158	296	582	721	2 962	2 073	807	70	21	18 700
6 rooms	9 595	102	143	281	730	903	2 909	2 413	1 656	408	50	19 600
7 rooms	5 750	42	59	176	316	446	1 445	1 204	1 288	669	105	21 600
8 rooms or more	4 900	16	36	85	191	268	861	764	1 022	1 051	606	27 200
Median	6.0	5.1	5.0	5.5	5.7	5.7	5.7	5.9	6.4	7.4	7.5+	...
PERSONS												
1 person	2 519	125	174	229	339	264	707	384	201	73	23	15 800
2 persons	7 900	143	236	375	703	831	2 467	1 587	1 065	380	113	18 400
3 persons	5 404	49	45	145	321	502	1 793	1 258	840	343	108	19 600
4 persons	6 084	28	66	110	289	492	1 717	1 563	1 157	514	148	21 100
5 persons	4 521	17	53	109	284	322	1 264	1 028	797	458	189	21 000
6 persons or more	4 787	10	52	115	312	376	1 414	1 038	821	434	215	20 600
Median	3.5	1.9	2.1	2.3	2.8	3.1	3.3	3.6	3.8	4.1	4.5	...
Units with roomers, boarders, or lodgers	309	5	11	10	43	33	95	45	37	18	12	18 300
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	30 757	273	530	1 004	2 210	2 744	9 305	6 824	4 881	2 198	788	19 700
0.50 or less	14 462	193	311	596	1 210	1 365	4 160	2 926	2 127	1 123	451	19 300
0.51 to 1.00	14 486	69	193	370	800	1 861	4 482	3 421	2 602	1 048	320	20 200
1.01 to 1.50	1 644	5	26	33	179	172	599	445	141	27	17	18 500
1.51 or more	165	6	—	5	21	26	64	32	11	—	—	17 500
Lacking some or all plumbing facilities	458	99	96	79	38	43	57	34	—	4	8	8 600
0.50 or less	342	78	75	50	32	26	57	16	—	—	—	8 400
0.51 to 1.00	88	16	21	18	—	11	—	18	—	4	—	...
1.01 to 1.50	11	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	17	5	—	—	6	6	—	—	—	—	—	...
BEDROOMS												
None and 1	1 014	50	53	120	176	83	315	131	39	27	20	15 500
2	6 906	49	178	275	812	777	2 494	1 381	793	122	25	17 500
3	16 527	91	279	523	1 068	1 539	5 092	3 853	2 878	1 052	152	19 700
4 or more	6 877	18	77	140	404	427	1 592	1 274	1 435	1 084	426	23 100
YEAR STRUCTURE BUILT												
1969 to March 1970	663	—	—	10	—	15	51	195	182	131	79	28 300
1965 to 1968	3 052	7	11	—	13	53	577	844	756	598	193	25 300
1960 to 1964	4 891	10	4	15	68	139	1 402	1 451	1 034	591	177	22 800
1950 to 1959	6 691	18	35	92	300	376	2 128	1 809	1 344	457	132	21 100
1940 to 1949	2 702	33	95	64	225	293	893	582	375	97	45	18 600
1939 or earlier	13 216	304	481	902	1 642	1 911	4 311	1 977	1 190	328	170	16 400
COMPLETE BATHROOMS												
1 and 1 1/2	26 506	289	473	980	2 044	2 624	8 850	6 330	3 780	1 011	125	18 900
2 and 2 1/2	3 739	—	25	12	41	80	418	577	999	1 131	456	32 200
3 or more	360	—	—	—	—	—	—	16	21	4	265	50 000+
None or also used by another household	662	146	136	106	57	47	92	54	—	7	17	8 700
HOUSEHOLD COMPOSITION												
Two-or-more-person households	28 696	247	452	854	1 909	2 523	8 655	6 474	4 680	2 129	773	19 800
Male head, wife present, no nonrelatives	25 750	187	357	715	1 594	2 160	7 717	5 967	4 266	2 034	753	20 100
Under 25 years	411	—	9	9	20	45	118	153	43	14	—	20 100
25 to 34 years	4 509	6	11	65	179	367	1 487	1 297	719	326	52	20 500
35 to 44 years	6 683	20	45	70	315	413	1 864	1 598	1 277	757	314	21 900
45 to 64 years	11 331	94	180	368	793	991	3 405	2 422	1 949	800	329	19 800
65 years and over	2 816	67	112	203	287	344	843	497	278	127	58	17 300
Other male head	955	25	16	64	106	149	256	136	151	41	11	18 200
Under 65 years	693	15	10	35	53	113	193	115	115	33	—	14 800
65 years and over	262	10	6	29	53	36	63	21	36	54	9	17 400
Female head	1 991	35	79	75	209	214	682	371	263	144	9	17 900
Under 65 years	1 343	11	53	50	148	128	456	248	196	67	10	16 700
65 years and over	648	24	26	25	61	86	226	128	67	77	—	17 900
One-person households	2 519	125	174	229	339	264	707	384	201	73	23	15 800
Under 65 years	1 050	38	27	78	146	104	298	222	79	53	5	16 900
65 years and over	1 469	87	147	151	193	160	409	162	122	20	18	14 900
INCOME IN 1969												
Less than \$2,000	1 429	94	103	145	162	181	424	155	112	30	23	15 300
\$2,000 to \$2,999	808	64	70	89	93	110	207	115	33	22	5	14 500
\$3,000 to \$3,999	709	11	32	71	108	84	218	107	64	14	—	16 200
\$4,000 to \$4,999	840	22	48	63	129	100	200	171	72	31	4	16 200
\$5,000 to \$5,999	982	19	38	46	108	107	351	155	70	57	31	16 900
\$6,000 to \$6,999	1 286	33	41	91	137	140	406	298	116	20	4	17 400
\$7,000 to \$9,999	5 329	41	129	200	516	671	1 987	1 109	545	98	33	18 000
\$10,000 to \$14,999	10 585	64	105	210	669	933	3 483	2 833	1 729	467	92	19 800
\$15,000 to \$24,999	7 372	19	46	154	297	405	1 871	1 652	1 729	978	221	22 700
\$25,000 or more	1 875	5	14	14	29	56	215	263	411	485	383	33 300
Median	\$12 000	\$4 800	\$6 500	\$7 500	\$9 300	\$10 000	\$11 300	\$12 300	\$14 100	\$18 700	\$24 300	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 534	14	25	50	57	155	590	656	560	302	125	22 900
1968	2 085	14	32	32	75	96	602	527	401	187	119	21 800
1967	1 790	—	6	38	75	130	532	414	390	130	75	21 400
1965 and 1966	3 389	22	21	52	178	153	915	980	506	444	118	21 800
1960 to 1964	7 185	50	72	129	349	525	2 272	1 691	1 293	599	205	20 600
1950 to 1959	8 684	108	178	377	809	969	2 657	1 836	1 178	427	145	18 700
1949 or earlier	5 600	227	300	420	604	731	1 792	873	472	105	76	16 300
HEATING EQUIPMENT												
Steam or hot water	20 514	123	186	434	1 105	1 546	6 240	4 921	3 748	1 674	537	20 600
Warm-air furnace	8 279	64	242	464	871	1 045	2 588	1 655	866	318	166	17 900
Build-in electric units	829	—	—	5	20	54	161	145	170	187	87	26 700
Floor, wall, or pipeless furnace	442	27	58	40	78	47	118	50	13	5	6	13 500
Other means	1 145	158	140	140	168	95	255	87	84	18	—	12 000
None	6	—	—	—	6	—	—	—	—	—	—	...
AIR CONDITIONING												
Room unit(s)	6 664	16	66	138	287	450	1 819	1 634	1 257	736	261	21 700
Central system	329	—	6	5	12	12	79	63	26	64	62	24 000
None	24 274	419	562	955	1 848	2 297	7 462	5 280	3 517	1 394	540	19 100

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	31 856	1 680	1 429	2 320	2 387	6 126	6 072	6 054	3 945	878	9	956	105
ROOMS													
1 room	1 238	494	228	217	53	133	17	43	35	18	—	—	55
2 rooms	1 634	309	313	243	118	256	183	132	55	—	—	—	25
3 rooms	4 999	459	248	472	360	1 009	874	1 015	420	41	—	—	101
4 rooms	9 276	269	382	687	817	1 620	1 544	1 579	1 746	450	—	—	182
5 rooms	8 261	128	212	535	761	1 984	1 913	1 571	763	174	—	—	215
6 rooms	5 158	16	40	151	251	1 030	1 310	1 405	655	87	—	—	213
7 rooms	831	5	6	4	27	66	175	217	194	42	—	—	91
8 rooms or more	459	—	—	—	—	28	56	92	77	66	—	—	129
Median	4.3	2.6	3.2	3.8	4.3	4.5	4.7	4.7	4.3	4.3	...	...	5.3
PERSONS													
1 person	9 754	1 317	1 120	1 318	1 047	1 866	1 196	923	577	110	—	—	280
2 persons	9 305	261	199	547	660	2 071	1 843	1 901	1 207	326	—	—	290
3 persons	5 298	47	33	214	279	868	1 327	1 041	195	134	—	—	108
4 persons	3 553	27	36	144	204	609	912	830	544	98	—	—	144
5 persons	1 925	—	14	54	67	381	503	493	265	84	—	—	60
6 persons or more	2 021	28	27	43	130	331	458	580	311	65	—	—	48
Median	2.2	1.1	1.1	1.4	1.7	2.1	2.5	2.7	2.7	2.5	...	...	2.2
Units with roomers, boarders, or lodgers	384	—	—	18	26	95	103	77	39	22	—	—	4
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	16 612	830	902	1 400	1 498	3 567	2 873	2 681	1 812	444	—	—	605
0.51 to 1.00	11 779	265	174	536	605	2 014	2 730	2 846	1 913	375	—	—	312
1.01 to 1.50	1 514	24	21	50	130	351	330	371	190	43	—	—	111
1.51 or more	280	4	11	—	12	42	61	129	10	11	—	—	4
Lacking some or all plumbing facilities													
0.50 or less	1 671	557	321	334	142	152	78	27	20	5	—	—	35
0.51 to 1.00	699	114	120	149	121	91	50	22	6	—	—	—	26
1.01 to 1.50	929	434	201	185	15	43	18	5	14	5	—	—	9
1.51 or more	35	5	—	—	6	—	6	—	—	—	—	—	—
Median	8	4	—	—	—	—	4	—	—	—	—	—	—
BEDROOMS													
None	1 354	457	272	142	96	201	70	88	28	—	—	—	58
1	7 904	631	555	775	663	1 632	1 295	1 488	598	115	—	—	152
2	13 484	238	535	839	1 228	2 764	2 528	2 673	1 980	451	—	—	248
3 or more	8 957	149	136	307	654	1 497	2 326	2 043	987	305	29	—	524
YEAR STRUCTURE BUILT													
1969 to March 1970	1 362	36	23	26	6	64	44	320	575	264	4	—	164
1965 to 1968	2 427	99	53	140	9	84	118	544	1 129	203	5	—	43
1960 to 1964	1 416	248	176	63	38	55	70	217	336	170	—	—	43
1950 to 1959	1 440	193	62	108	171	202	257	199	132	18	—	—	98
1940 to 1949	1 590	142	50	122	123	296	315	333	147	18	—	—	44
1939 or earlier	23 621	962	1 065	1 861	2 040	5 425	5 268	4 441	1 626	205	—	—	728
ELEVATOR IN STRUCTURE													
4 floors or more	1 346	292	174	140	84	147	209	102	160	—	—	—	38
With elevator	439	101	19	62	—	51	126	39	21	—	—	—	20
Walk-up	907	191	155	78	84	96	83	63	139	—	—	—	18
1 to 3 floors	30 353	1 183	1 324	1 923	2 557	5 947	6 010	6 190	3 433	871	29	—	886
COMPLETE BATHROOMS													
1 and 1 1/2	28 853	1 124	1 011	1 874	2 059	5 725	5 762	5 819	3 948	708	7	—	816
2 or more	472	—	—	14	13	32	48	50	58	144	—	—	113
None or also used by another household	2 522	618	358	487	229	354	248	118	46	14	—	—	50
INCOME IN 1969													
Less than \$2,000	4 904	895	599	640	538	832	525	454	210	45	—	—	166
\$2,000 to \$2,999	2 365	260	257	355	287	483	323	216	106	—	—	—	78
\$3,000 to \$3,999	2 076	93	138	268	227	486	375	257	137	25	—	—	70
\$4,000 to \$4,999	2 300	150	116	180	204	494	473	391	195	18	—	—	75
\$5,000 to \$5,999	2 443	92	68	141	221	602	555	458	205	27	—	—	102
\$6,000 to \$6,999	2 538	74	107	175	196	513	604	527	275	22	—	—	45
\$7,000 to \$9,999	6 269	57	67	311	319	1 269	1 567	1 478	885	161	—	—	155
\$10,000 to \$14,999	6 219	37	60	176	291	1 083	1 214	1 663	1 290	251	—	—	154
\$15,000 to \$24,999	2 405	22	11	63	99	314	411	548	560	261	—	—	111
\$25,000 or more	337	—	6	11	5	50	25	62	82	68	—	—	28
Median	\$6 700	\$2 000	\$2 400	\$3 600	\$4 700	\$6 300	\$7 300	\$8 500	\$9 900	\$12 800	...	...	\$6 300
YEAR MOVED INTO UNIT													
1969 to March 1970	9 359	395	243	558	255	1 211	1 544	2 323	2 153	549	7	—	121
1968	4 032	91	72	238	270	675	916	879	715	97	—	—	79
1967	2 414	74	134	160	155	357	461	544	378	79	—	—	72
1965 and 1966	3 809	258	115	258	290	825	966	600	324	77	—	—	96
1960 to 1964	4 892	419	398	431	355	1 118	973	774	261	22	—	—	141
1950 to 1959	4 451	322	228	451	516	1 190	722	592	180	29	—	—	221
1949 or earlier	2 890	183	179	279	460	735	476	275	41	13	—	—	249
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	3 442	247	156	427	434	1 006	591	348	182	51	—	—	88
10 to 14 percent	6 373	228	216	428	440	1 461	1 374	1 463	655	108	—	—	106
15 to 19 percent	5 643	168	120	195	343	1 003	1 347	1 338	920	209	—	—	113
20 to 24 percent	3 954	146	159	216	206	680	872	825	671	174	—	—	115
25 to 34 percent	4 041	345	210	290	219	571	722	881	648	155	—	—	111
35 percent or more	6 881	448	518	701	672	1 317	1 110	1 104	826	181	—	—	96
Not computed	1 522	98	50	63	73	88	56	95	43	—	—	—	80
AIR CONDITIONING													
Room unit(s)	5 843	91	91	179	219	551	702	1 330	1 913	593	—	—	174
Central system	87	—	7	—	—	5	—	13	29	13	—	—	20
None	25 917	1 651	1 271	2 196	2 082	5 555	5 356	4 644	2 110	260	7	—	785

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	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000	Median
		\$2,000	to \$2,999	to \$3,999	to \$4,999	to \$5,999	to \$6,999	to \$9,999	to \$14,999	to \$24,999	or more	(dollars)
Owner occupied housing units	41 709	2 374	1 432	1 269	1 335	1 570	1 775	7 389	13 605	8 825	2 135	11 400
ROOMS												
1 and 2 rooms	160	55	10	25	22	4	11	14	10	9	—	3 600
3 rooms	4 692	137	83	74	28	75	76	85	99	29	6	5 300
4 rooms	4 661	477	283	307	231	321	275	1 059	1 257	405	46	8 200
5 rooms	11 096	666	406	298	450	401	462	2 344	3 977	1 890	202	10 700
6 rooms	12 635	547	394	329	387	440	567	2 310	4 523	2 692	446	11 500
7 rooms or more	12 465	492	256	236	217	329	384	1 577	3 739	3 800	1 435	13 700
PERSONS												
1 person	4 285	1 521	566	464	397	319	243	432	249	66	28	3 100
2 persons	11 364	574	722	623	618	711	740	2 276	3 303	1 496	301	9 200
3 and 4 persons	14 839	194	96	144	205	385	563	2 788	5 691	3 905	868	12 700
5 persons	5 492	42	9	29	85	104	101	942	2 220	1 543	417	13 200
6 persons or more	5 729	43	39	9	30	51	128	951	2 142	1 815	521	13 800
Units with roomers, boarders, or lodgers	422	63	24	24	8	52	6	93	77	67	8	8 100
BEDROOMS												
Less than 3	12 868	1 250	792	477	778	695	625	2 764	3 784	1 417	286	9 000
3	20 651	673	611	436	518	712	939	3 661	7 727	4 673	701	11 800
4 or more	8 359	195	178	95	160	267	225	1 170	2 438	2 534	1 097	13 900
YEAR STRUCTURE BUILT												
1969 to March 1970	793	10	5	—	10	26	14	149	338	185	56	12 700
1960 to 1968	8 825	228	142	138	175	247	255	1 344	3 320	2 373	603	12 800
1950 to 1959	7 099	236	85	163	202	196	261	1 141	2 630	1 789	396	12 400
1949 or earlier	24 992	1 900	1 200	968	948	1 101	1 245	4 755	7 317	4 478	1 080	10 300
YEAR MOVED INTO UNIT												
1969 to March 1970	3 325	87	45	30	41	97	138	698	1 407	592	190	11 900
1968	2 637	56	54	31	45	67	58	588	1 084	530	124	11 900
1960 to 1967	15 056	446	276	292	313	374	522	2 911	5 457	3 548	917	12 200
1959 or earlier	20 744	1 921	1 022	1 014	928	995	1 067	3 100	5 562	4 202	933	10 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	33 394	939	736	535	819	1 111	1 370	6 158	11 998	7 776	1 952	12 100
Clothes dryer	20 978	216	140	200	254	602	760	3 573	8 007	5 676	1 550	13 000
Dishwasher	9 319	154	58	98	60	244	188	1 250	2 817	2 998	1 452	14 600
Home food freezer	6 217	172	110	69	59	138	184	1 233	1 686	1 813	753	13 400
Owned second home	3 430	179	94	55	119	153	123	532	798	904	473	12 900
With air conditioning	9 099	296	171	168	222	287	362	1 417	2 662	2 686	828	13 100
Room unit(s)	8 716	289	166	150	216	268	356	1 385	2 577	2 573	736	13 000
Central system	383	7	5	18	6	19	6	32	85	113	92	16 200
Automobiles available:												
1	21 711	1 110	732	817	870	1 058	1 256	5 125	7 488	2 841	414	9 900
2	14 212	179	83	140	157	245	319	1 704	5 217	4 835	1 333	14 100
3 or more	2 342	14	27	8	19	24	32	125	608	1 096	389	17 900
Renter occupied housing units	32 026	4 921	2 382	2 076	2 305	2 453	2 543	6 323	6 257	2 423	343	6 700
ROOMS												
1 room	1 238	432	174	105	109	111	124	83	70	19	11	3 100
2 rooms	1 634	633	288	146	148	130	78	102	75	22	12	2 600
3 rooms	5 041	1 131	569	382	477	463	750	622	622	216	29	4 900
4 rooms	9 303	1 416	661	655	649	681	759	2 004	1 872	508	98	6 800
5 rooms	8 288	833	501	549	574	657	699	1 867	1 826	675	105	7 500
6 rooms or more	6 522	476	189	239	348	472	420	1 517	1 790	983	88	9 200
PERSONS												
1 person	9 780	3 605	1 258	952	896	802	767	913	399	139	49	3 000
2 persons	9 383	814	801	582	761	782	771	1 961	2 136	650	125	7 300
3 and 4 persons	8 892	383	268	398	436	556	718	2 353	2 639	1 040	101	9 200
5 persons	1 939	58	19	54	102	128	144	549	550	308	27	9 500
6 persons or more	2 032	61	36	90	110	185	143	547	533	286	41	9 100
Units with roomers, boarders, or lodgers	390	119	39	47	29	26	18	34	43	35	—	3 800
BEDROOMS												
None	1 354	407	174	157	174	163	97	47	86	21	28	3 600
1	7 927	1 785	900	748	854	880	540	934	825	384	77	4 600
2	13 588	1 447	1 125	777	1 037	1 063	1 169	2 997	2 854	989	130	7 200
3 or more	9 038	818	266	291	789	604	558	2 374	2 106	1 159	73	8 500
YEAR STRUCTURE BUILT												
1969 to March 1970	1 362	128	61	62	91	61	82	254	416	181	26	9 300
1960 to 1968	3 873	621	273	181	183	215	205	643	990	457	105	8 200
1950 to 1959	1 477	276	156	108	96	144	131	197	228	108	33	5 700
1949 or earlier	25 314	3 896	1 892	1 725	1 935	2 033	2 125	5 229	4 623	1 677	179	6 600
YEAR MOVED INTO UNIT												
1969 to March 1970	9 380	1 120	662	642	785	787	799	1 884	2 028	591	82	6 900
1968	4 062	513	259	200	168	245	415	936	1 001	282	43	7 700
1960 to 1967	11 180	1 906	810	706	700	839	795	2 211	2 119	956	138	6 800
1959 or earlier	7 382	1 460	631	515	487	499	549	1 262	1 275	605	99	6 200
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied¹	31 856	4 904	2 365	2 076	2 300	2 443	2 538	6 269	6 219	2 405	337	6 700
Less than 15 percent	9 815	9	10	24	203	285	525	2 079	4 280	2 091	309	12 100
15 to 19 percent	5 643	16	83	149	303	479	701	2 350	1 371	191	—	8 400
20 to 24 percent	3 954	26	355	469	469	721	675	1 122	376	12	—	6 300
25 to 34 percent	4 041	334	544	649	766	678	513	198	38	—	—	4 600
35 percent or more	6 881	3 787	1 452	829	484	206	79	44	—	—	—	2000—
Not computed	1 522	732	78	70	75	74	45	155	154	111	28	2 400
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	14 247	950	761	616	1 220	1 103	1 014	3 635	3 459	1 367	122	8 200
Clothes dryer	5 050	215	182	216	483	240	313	1 216	1 427	657	101	9 200
Dishwasher	2 067	31	41	44	200	35	103	300	712	483	118	12 000
Home food freezer	1 223	48	39	54	—	—	102	338	329	122	—	8 600
Owned second home	1 081	118	67	20	42	61	104	247	164	139	119	8 600
With air conditioning	5 962	355	306	238	211	310	438	1 272	1 821	831	180	9 600
Room unit(s)	5 875	349	306	233	211	303	432	1 249	1 787	831	174	9 700
Central system	87	6	—	5	—	7	6	23	34	—	6	—
Automobiles available:												
1	17 406	1 046	625	830	1 207	1 451	1 782	4 782	4 421	1 118	144	8 100
2	3 803	86	64	49	46	166	122	654	1 396	1 075	145	12 600
3 or more	314	—	8	7	13	7	7	45	81	107	39	14 300

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	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	41 709	41 051	20 470	18 272	2 075	234	658	474	146	21	17
PERSONS											
1 person	4 285	4 024	4 009	15	—	—	261	251	10	—	—
2 persons	11 364	11 145	10 834	311	—	—	219	193	21	—	5
3 persons	7 317	7 272	4 194	3 074	4	—	45	19	26	—	—
4 persons	7 522	7 481	1 059	6 381	30	11	41	4	37	—	—
5 persons	5 492	5 442	374	4 887	156	25	50	7	33	10	—
6 persons or more	5 729	5 687	—	3 604	1 885	198	42	—	19	11	12
Median	3.2	3.2	2.1	4.4	6.7	7.5+	1.8	1.4	3.9	...	...
Units with roomers, boarders, or lodgers	422	414	159	230	19	6	8	4	4	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970	735	727	398	313	16	—	8	8	—	—	—
1965 to 1968	3 553	3 553	1 375	2 013	157	8	—	—	—	—	—
1960 to 1964	5 362	5 338	1 828	2 987	453	70	24	8	16	—	—
1950 to 1959	7 082	7 014	3 250	3 380	367	17	68	24	23	13	8
1940 to 1949	3 140	3 075	1 597	1 286	167	25	65	37	21	7	—
1939 or earlier	21 890	21 431	11 977	8 438	863	153	459	376	76	—	7
INCOME IN 1969											
Less than \$2,000	2 374	2 169	1 953	195	21	—	205	190	15	—	—
\$2,000 to \$2,999	1 432	1 353	1 214	125	14	—	79	69	5	5	—
\$3,000 to \$3,999	1 269	1 228	1 079	130	13	6	41	36	5	—	—
\$4,000 to \$4,999	1 335	1 283	1 054	206	23	—	52	39	8	5	—
\$5,000 to \$5,999	1 570	1 526	1 094	421	11	—	44	33	11	—	—
\$6,000 to \$6,999	1 775	1 749	1 146	519	80	4	26	20	6	—	—
\$7,000 to \$9,999	7 389	7 279	3 433	3 323	484	39	110	57	41	—	12
\$10,000 to \$14,999	13 605	13 559	5 318	7 280	871	90	46	16	20	5	5
\$15,000 to \$24,999	8 825	8 774	3 212	5 013	477	72	51	14	31	6	—
\$25,000 or more	2 135	2 131	967	1 060	81	23	4	—	4	—	—
Median	\$11 400	\$11 500	\$9 400	\$12 900	\$12 200	\$13 800	\$4 100	\$2 700	\$8 700	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	31 215	30 757	14 462	14 486	1 644	165	458	342	88	11	17
Less than 1.5	10 876	10 722	4 107	5 749	758	108	154	67	65	11	11
1.5 to 1.9	7 172	7 106	2 951	3 657	466	32	66	48	12	—	6
2.0 to 2.4	4 755	4 726	1 971	2 507	231	17	29	29	—	—	—
2.5 to 2.9	2 406	2 396	1 197	1 107	84	8	10	10	—	—	—
3.0 to 3.9	2 356	2 321	1 435	834	52	—	35	24	11	—	—
4.0 or more	3 441	3 299	2 658	599	42	—	142	142	—	—	—
Not computed	209	187	143	33	11	—	22	22	—	—	—
HEATING EQUIPMENT											
Steam or hot water	27 474	27 294	13 447	12 381	1 307	159	180	121	54	—	5
Warm-air furnace	10 220	10 048	4 937	4 459	594	58	172	114	36	16	6
Built-in electric units	931	915	420	467	22	6	16	16	—	—	—
Floor, wall, or pipeless furnace	552	529	296	214	19	—	23	18	5	—	—
Other means	2 517	2 261	1 366	751	133	11	256	200	51	5	—
None	15	4	4	—	—	—	11	5	—	—	6
Renter occupied housing units	32 026	30 350	16 705	11 845	1 520	280	1 676	704	929	35	8
PERSONS											
1 person	9 780	8 495	8 081	414	—	—	1 285	491	794	—	—
2 persons	9 383	9 093	7 195	1 884	—	14	290	213	73	—	4
3 persons	5 307	5 274	1 335	3 922	17	—	33	—	23	10	—
4 persons	3 585	3 544	65	3 381	87	11	41	—	24	13	4
5 persons	1 939	1 924	29	1 598	277	20	15	—	15	—	—
6 persons or more	2 032	2 020	—	646	1 139	235	12	—	—	12	—
Median	2.2	2.2	1.5	3.4	6.2	7.5+	1.2	1.2	1.1	...	...
Units with roomers, boarders, or lodgers	390	381	154	189	29	9	9	5	4	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970	1 355	1 355	686	664	—	5	—	—	—	—	—
1965 to 1968	2 403	2 397	1 131	1 246	14	6	6	—	6	—	—
1960 to 1964	1 479	1 451	869	510	52	20	28	14	8	—	6
1950 to 1959	1 540	1 513	676	639	172	26	27	6	14	7	—
1940 to 1949	1 618	1 565	798	636	117	14	53	19	27	7	—
1939 or earlier	23 609	22 021	12 637	8 076	1 132	176	1 588	647	906	29	6
INCOME IN 1969											
Less than \$2,000	4 921	4 358	3 616	667	56	19	563	253	310	—	—
\$2,000 to \$2,999	2 382	2 127	1 514	565	37	11	255	109	146	—	—
\$3,000 to \$3,999	2 076	1 937	1 266	590	75	6	139	67	72	—	—
\$4,000 to \$4,999	2 305	2 169	1 358	692	104	15	136	42	94	—	—
\$5,000 to \$5,999	2 453	2 305	1 341	785	158	21	148	53	89	6	—
\$6,000 to \$6,999	2 543	2 373	1 399	836	127	11	170	63	90	13	4
\$7,000 to \$9,999	6 323	6 162	2 688	2 964	458	52	161	88	62	11	—
\$10,000 to \$14,999	6 257	6 190	2 516	3 227	350	97	67	18	44	5	—
\$15,000 to \$24,999	2 423	2 397	847	1 368	139	43	26	11	11	—	4
\$25,000 or more	343	332	160	151	16	5	11	—	11	—	—
Median	\$6 700	\$7 000	\$5 400	\$8 800	\$8 300	\$10 300	\$3 100	\$2 900	\$3 100	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	31 856	30 185	16 612	11 779	1 514	280	1 671	699	929	35	8
Less than 10 percent	3 442	3 219	1 199	1 766	192	62	223	80	130	5	8
10 to 14 percent	6 373	6 060	2 776	2 831	392	61	313	92	210	11	—
15 to 19 percent	5 643	5 462	2 652	2 364	388	58	181	51	111	19	—
20 to 24 percent	3 954	3 812	2 046	1 495	231	40	142	68	74	—	—
25 to 34 percent	4 041	3 766	2 221	1 392	130	23	275	113	162	—	—
35 percent or more	6 881	6 466	4 721	1 567	148	30	415	220	195	—	—
Not computed	1 522	1 400	997	364	33	6	122	75	47	—	—
HEATING EQUIPMENT											
Steam or hot water	18 056	16 918	9 517	6 580	703	118	1 138	305	817	12	4
Warm-air furnace	3 310	3 242	1 494	1 424	283	41	68	26	36	6	—
Built-in electric units	1 284	1 279	684	575	6	—	6	—	—	—	—
Floor, wall, or pipeless furnace	462	443	243	190	10	—	5	5	—	—	—
Other means	8 827	8 386	4 713	3 048	518	107	19	19	—	—	—
None	87	82	54	28	—	—	441	349	76	12	4

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

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

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

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	41 709	40	120	692	4 661	11 096	12 635	6 703	5 762	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	40 782	32	60	691	4 544	10 796	12 265	6 731	5 663	5.8
PERSONS										
1 person	4 285	25	89	268	888	1 109	1 122	478	306	5.3
2 persons	11 364	5	21	311	2 191	3 695	3 019	1 216	906	5.4
3 persons	7 317	4	4	47	890	2 163	2 410	1 100	703	5.7
4 persons	7 522	5	6	30	465	1 967	2 561	1 425	1 063	6.0
5 persons	5 492	5	—	25	166	1 168	1 848	1 268	1 017	6.3
6 persons or more	5 729	5	—	11	61	994	1 675	1 216	1 767	6.6
Median	3.2	...	1.2	1.8	2.2	2.8	3.4	3.9	4.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	41 051	25	85	633	4 523	10 945	12 493	6 643	5 704	5.8
0.50 or less	20 470	—	54	235	2 961	4 702	6 451	2 752	3 315	5.9
0.51 to 1.00	18 272	15	21	332	1 345	5 260	5 321	3 694	2 284	5.9
1.01 to 1.50	2 075	—	4	30	200	885	688	174	94	5.4
1.51 or more	234	10	6	36	17	98	33	23	11	5.0
Lacking some or all plumbing facilities	658	15	35	59	138	151	142	60	58	5.0
0.50 or less	474	—	35	33	118	102	100	42	44	5.0
0.51 to 1.00	146	10	—	26	10	38	42	6	14	5.2
1.01 to 1.50	21	—	—	—	10	5	—	6	—	...
1.51 or more	17	5	—	—	—	6	—	6	—	...
BEDROOMS										
None and 1	1 741	25	216	283	736	371	110	—	—	4.0
2	11 127	—	—	99	3 531	5 180	1 922	255	140	4.9
3	20 651	—	—	—	181	5 861	9 710	3 833	1 066	5.9
4 or more	8 359	—	—	—	—	171	1 221	2 324	4 643	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	793	—	—	5	137	169	181	108	193	6.0
1960 to 1968	8 825	5	22	126	982	2 708	2 223	1 411	1 348	5.8
1950 to 1959	7 099	5	28	91	1 048	2 373	2 251	859	444	5.5
1949 or earlier	24 992	30	70	470	2 494	5 846	7 980	4 325	3 777	5.9
COMPLETE BATHROOMS										
1 and 1/2	35 843	32	60	614	4 430	10 432	11 352	5 623	3 300	5.7
2 or more	4 993	—	7	87	123	374	931	1 108	2 363	7.4
None or also used by another household	926	14	23	86	188	232	215	79	89	5.2
VALUE-INCOME RATIO										
Specified owner occupied¹	31 215	10	50	328	2 821	7 761	9 595	5 750	4 900	6.0
Less than 1.5	10 876	5	15	136	900	2 761	3 354	1 995	1 710	6.0
1.5 to 1.9	7 172	—	—	55	607	1 821	2 373	1 306	1 010	6.0
2.0 to 2.9	7 161	—	5	19	629	1 793	2 181	1 341	1 193	6.0
3.0 or more	5 797	5	30	109	650	1 340	1 640	1 067	956	6.0
Not computed	209	—	—	9	35	46	47	41	31	5.8
Renter occupied housing units	32 026	1 238	1 634	5 041	9 303	8 288	5 191	844	487	4.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	29 344	351	1 343	4 698	8 873	7 794	4 932	853	500	4.4
PERSONS										
1 person	9 780	1 208	1 241	2 947	2 486	1 211	584	71	32	3.3
2 persons	9 383	18	352	1 605	3 433	2 544	1 200	156	75	4.3
3 persons	5 307	—	27	364	2 007	1 574	1 112	153	70	4.7
4 persons	3 585	5	10	100	913	1 400	918	174	65	5.0
5 persons	1 939	7	4	9	277	784	640	129	89	5.4
6 persons or more	2 032	—	—	16	187	775	737	161	156	5.6
Median	2.2	1.0	1.2	1.4	2.1	2.7	3.2	3.7	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	30 350	440	1 448	4 885	9 048	8 097	5 108	844	480	4.4
0.50 or less	16 705	—	1 081	2 865	5 693	3 599	2 823	380	264	4.3
0.51 to 1.00	11 845	414	340	1 908	2 891	3 735	1 947	415	195	4.6
1.01 to 1.50	1 520	—	17	87	381	675	297	42	21	4.9
1.51 or more	280	26	10	25	83	88	41	7	—	4.5
Lacking some or all plumbing facilities	1 676	798	186	156	255	191	83	—	7	1.7
0.50 or less	704	—	160	82	226	156	73	—	7	4.0
0.51 to 1.00	929	794	12	61	29	23	10	—	—	1.1
1.01 to 1.50	35	—	10	13	—	12	—	—	—	...
1.51 or more	8	4	—	—	—	—	—	—	—	...
BEDROOMS										
None	1 354	1 121	172	61	—	—	—	—	—	1.1
1	7 927	—	1 576	4 474	1 509	347	21	—	—	3.0
2	13 588	—	—	432	7 291	4 849	976	20	20	4.4
3 or more	9 038	—	—	—	156	3 152	4 475	794	461	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	1 362	104	121	379	629	120	5	4	—	3.6
1960 to 1968	3 873	113	479	932	1 741	414	152	9	33	3.7
1950 to 1959	1 477	—	87	202	572	451	138	15	12	4.3
1949 or earlier	25 314	1 021	947	3 528	6 361	7 303	4 896	816	442	4.6
COMPLETE BATHROOMS										
1 and 1/2	28 973	393	1 369	4 705	8 813	7 672	4 880	808	333	4.4
2 or more	509	6	—	32	66	129	64	45	167	5.8
None or also used by another household	2 522	871	210	308	485	494	115	29	10	3.1
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	31 856	1 238	1 634	4 999	9 276	8 261	5 158	831	459	4.4
Less than 10 percent	3 442	160	75	320	707	1 206	813	106	55	4.9
10 to 14 percent	6 373	245	154	723	1 871	1 826	1 272	189	93	4.6
15 to 19 percent	5 643	129	165	848	1 673	1 562	1 050	174	42	4.5
20 to 24 percent	3 954	121	202	617	1 236	1 013	607	120	38	4.3
25 to 34 percent	4 041	212	289	773	1 223	962	462	60	60	4.1
35 percent or more	6 881	323	677	1 518	2 170	1 363	708	84	38	3.9
Not computed	1 522	48	72	200	396	329	246	98	133	4.6

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

Table 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	41 709	32 624	8 370	715	32 026	2 540	7 923	10 402	5 042	3 471	2 497	151
ROOMS												
1 room	40	20	20	-	1 238	26	11	46	140	260	755	-
2 rooms	120	50	43	27	1 634	28	63	308	423	477	324	11
3 rooms	692	332	287	73	5 041	227	507	1 338	1 237	997	704	31
4 rooms	4 661	2 953	1 293	415	9 303	513	2 098	2 801	1 916	1 294	587	94
5 rooms	11 096	7 983	2 929	184	8 288	589	2 918	3 226	1 044	398	103	10
6 rooms	12 635	10 002	2 623	10	5 191	568	1 833	2 476	254	40	15	5
7 rooms	6 703	6 043	660	-	844	338	325	155	22	-	4	-
8 rooms or more	5 762	5 241	515	6	487	251	168	52	6	5	5	-
Median	5.8	6.0	5.4	4.1	4.4	5.3	4.9	4.7	3.9	3.5	2.7	3.9
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	41 051	32 121	8 221	709	30 350	2 444	7 758	10 175	4 760	3 185	1 877	151
0.50 or less	20 470	15 319	4 667	484	16 705	1 268	4 235	5 665	2 762	1 861	842	72
0.51 to 1.00	18 272	14 955	3 102	215	11 845	995	3 035	3 845	1 721	1 207	976	66
1.01 to 1.50	2 075	1 677	388	10	1 520	146	449	555	210	113	34	13
1.51 or more	234	170	64	-	280	35	39	110	67	4	25	-
Lacking some or all plumbing facilities	658	503	149	6	1 676	96	165	227	282	286	620	-
0.50 or less	474	372	102	-	704	49	147	184	159	104	61	-
0.51 to 1.00	146	103	37	6	929	34	18	38	108	176	555	-
1.01 to 1.50	21	11	10	-	35	13	-	5	11	6	-	-
1.51 or more	17	17	-	-	8	-	-	-	4	-	4	-
BEDROOMS												
None	40	-	40	-	1 354	-	41	64	178	370	701	-
1	1 701	1 053	603	45	7 927	336	1 144	2 146	1 629	1 510	1 135	27
2	11 127	7 257	3 414	456	13 588	895	3 762	4 467	2 156	1 433	711	164
3	20 651	17 044	3 502	85	7 828	923	2 717	3 158	794	193	-	43
4 or more	8 359	7 302	1 037	20	1 210	403	338	385	84	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	793	678	34	81	1 362	15	9	29	110	664	530	5
1965 to 1968	3 538	3 126	83	329	2 439	109	121	209	392	865	689	54
1960 to 1964	5 287	5 012	64	211	1 434	145	69	306	250	432	188	44
1950 to 1959	7 099	6 881	143	75	1 477	311	222	451	221	117	117	38
1940 to 1949	3 013	2 800	203	10	1 599	230	404	507	328	64	56	10
1939 or earlier	21 979	14 127	7 843	9	23 715	1 730	7 098	8 900	3 741	1 329	917	-
INCOME IN 1969												
Less than \$2,000	2 374	1 503	802	69	4 921	267	855	1 519	1 057	662	545	16
\$2,000 to \$2,999	1 432	900	494	38	2 382	164	496	709	424	315	274	-
\$3,000 to \$3,999	1 269	804	410	55	2 076	148	473	610	400	244	179	22
\$4,000 to \$4,999	1 335	891	412	32	2 305	137	514	727	398	308	197	24
\$5,000 to \$5,999	1 570	1 028	465	77	2 453	177	537	891	446	191	194	17
\$6,000 to \$6,999	1 775	1 360	537	38	2 543	143	662	903	392	264	173	6
\$7,000 to \$9,999	7 389	5 526	1 697	166	6 323	571	1 777	2 265	869	481	321	39
\$10,000 to \$14,999	13 605	11 021	2 404	180	6 257	558	1 887	2 026	679	673	407	27
\$15,000 to \$24,999	8 825	7 614	1 175	36	2 423	316	664	686	314	270	173	-
\$25,000 or more	2 135	1 977	154	4	343	59	58	66	63	63	34	-
Median	\$11 400	\$12 000	\$9 200	\$7 500	\$6 700	\$8 200	\$7 700	\$6 800	\$5 500	\$6 100	\$5 300	\$5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	3 325	2 594	583	148	9 380	659	1 746	2 298	1 615	1 682	1 328	52
1968	2 637	2 159	329	149	4 062	242	898	1 318	782	532	247	43
1967	2 203	1 814	313	76	2 421	182	593	885	357	249	138	17
1965 and 1966	4 300	3 520	598	182	3 844	377	1 002	1 375	565	290	235	-
1960 to 1964	8 553	7 390	1 023	140	4 915	324	1 439	1 823	773	315	241	-
1950 to 1959	10 326	8 436	1 838	52	3 853	358	1 169	1 409	510	230	162	15
1949 or earlier	10 418	6 791	3 627	-	3 529	380	1 020	1 374	480	172	103	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	31 856	2 370	7 923	10 402	5 042	3 471	2 497	151
Less than \$50	...	...	...	...	1 680	59	114	331	302	346	516	12
\$50 to \$59	...	...	...	...	1 429	41	243	321	341	266	206	11
\$60 to \$69	...	...	...	...	2 320	87	390	827	487	291	232	6
\$70 to \$79	...	...	...	...	2 387	84	536	1 030	473	171	75	18
\$80 to \$99	...	...	...	...	6 126	307	1 504	2 625	1 156	297	232	5
\$100 to \$119	...	...	...	...	6 072	342	1 869	2 495	941	275	147	3
\$120 to \$149	...	...	...	...	6 054	413	2 140	1 731	634	548	547	41
\$150 to \$199	...	...	...	...	3 945	394	775	833	530	887	491	35
\$200 to \$299	...	...	...	...	878	163	77	89	152	362	35	-
\$300 or more	...	...	...	...	9	4	-	-	5	-	-	-
No cash rent	...	...	...	...	956	476	275	120	21	28	16	20
Median	...	...	...	...	\$105	\$122	\$111	\$100	\$96	\$124	\$98	\$128
HEATING EQUIPMENT												
Steam or hot water	27 474	21 415	6 012	47	18 056	1 424	4 776	4 400	2 960	2 534	1 957	5
Warm-air furnace	10 220	8 673	1 052	495	3 310	627	991	873	323	240	149	107
Built-in electric units	931	855	76	-	1 284	43	71	218	187	513	246	6
Floor, wall, or pipeless furnace	552	447	76	29	462	85	129	65	55	52	55	21
Other means	2 517	1 228	1 145	144	8 827	357	1 933	4 797	1 511	127	90	12
None	15	6	9	-	87	4	23	49	6	5	-	-
AIR CONDITIONING												
Room unit(s)	8 716	6 955	1 633	128	5 875	427	866	1 281	849	1 512	933	7
Central system	383	355	6	22	87	35	7	-	6	34	5	-
None	32 663	25 394	6 672	597	26 042	2 060	6 994	9 201	4 227	1 924	1 516	120
AUTOMOBILES AVAILABLE												
1	21 711	16 421	4 759	531	17 406	1 484	4 818	5 868	2 304	1 761	1 067	104
2	14 212	12 307	1 725	180	3 803	517	1 069	1 095	479	403	231	9
3 or more	2 342	2 032	310	-	314	75	66	77	15	65	16	-
None	3 497	1 944	1 517	36	10 481	446	1 914	3 442	2 284	1 241	1 140	14

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	41 709	560	5 641	7 810	14 598	4 264	1 018	458	2 020	1 055	1 702	2 583
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	41 051	556	5 614	7 767	14 510	4 178	1 000	421	1 974	1 007	1 644	2 380
0.50 or less	20 470	310	1 201	1 135	7 337	3 460	596	342	1 229	851	1 639	2 370
0.51 to 1.00	18 272	241	3 981	5 463	6 605	709	352	75	687	144	5	10
1.01 to 1.50	2 075	5	386	1 055	510	9	46	4	48	12	—	—
1.51 or more	234	—	46	114	58	—	6	—	10	—	—	—
Lacking some or all plumbing facilities	658	4	27	43	88	86	18	37	46	48	58	203
0.50 or less	474	—	12	5	35	75	5	30	29	32	58	193
0.51 to 1.00	146	4	15	20	43	11	8	7	12	16	—	10
1.01 to 1.50	21	—	—	6	10	—	—	—	5	—	—	—
1.51 or more	17	—	—	12	—	—	5	—	—	—	—	—
UNITS IN STRUCTURE												
1	32 624	425	4 625	6 929	11 817	3 031	728	291	1 439	684	1 111	1 544
2 or more	8 370	103	942	833	2 598	1 138	259	163	507	360	488	979
Mobile home or trailer	715	32	74	48	183	95	31	4	74	11	103	60
INCOME IN 1969												
Less than \$2,000	2 374	12	53	55	126	271	26	53	142	115	238	1 283
\$2,000 to \$2,999	1 432	6	21	22	106	509	24	29	89	60	140	426
\$3,000 to \$3,999	1 269	—	21	11	100	417	34	17	134	71	189	275
\$4,000 to \$4,999	1 335	10	39	52	172	383	22	37	128	95	196	201
\$5,000 to \$5,999	1 570	30	102	95	329	336	53	39	175	92	185	134
\$6,000 to \$6,999	1 775	41	199	199	468	294	51	36	188	73	197	46
\$7,000 to \$9,999	7 389	184	1 536	1 225	2 339	743	252	102	423	153	327	105
\$10,000 to \$14,999	13 605	214	2 579	3 352	5 418	632	333	84	476	268	196	53
\$15,000 to \$24,999	8 825	58	958	2 267	4 392	524	168	57	233	102	23	43
\$25,000 or more	2 135	5	150	532	1 148	155	55	4	32	26	11	17
Median	\$11 400	\$10 000	\$11 700	\$13 400	\$13 400	\$6 700	\$10 700	\$7 500	\$8 100	\$7 400	\$5 500	\$2 000
VALUE-INCOME RATIO												
Specified owner occupied¹	31 215	411	4 509	6 683	11 331	2 816	693	262	1 343	648	1 050	1 469
Less than 1.5	10 876	115	1 094	2 315	5 479	762	245	96	399	194	106	71
1.5 to 1.9	7 172	102	1 453	1 841	2 718	1 197	197	52	212	85	133	50
2.0 to 2.4	4 755	94	1 092	1 336	1 368	323	98	31	179	51	107	76
2.5 to 2.9	2 406	19	413	515	625	297	63	5	160	77	148	84
3.0 to 3.9	2 356	51	296	421	671	344	20	14	122	90	169	158
4.0 or more	3 441	30	156	250	444	737	64	64	229	143	360	964
Not computed	209	—	5	5	26	24	6	—	42	8	27	66
Renter occupied housing units	32 026	2 590	4 574	2 619	4 952	2 319	930	236	3 193	833	5 112	4 668
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	30 350	2 585	4 519	2 609	4 859	2 233	881	230	3 152	787	4 372	4 123
0.50 or less	16 705	801	991	403	2 342	1 486	502	171	1 378	550	4 139	3 942
0.51 to 1.00	11 845	1 732	2 981	1 553	2 259	722	332	59	1 556	237	233	181
1.01 to 1.50	1 520	46	491	517	211	14	37	—	204	—	—	—
1.51 or more	280	6	56	136	47	11	10	—	14	—	—	—
Lacking some or all plumbing facilities	1 676	5	55	10	93	86	49	6	41	46	740	545
0.50 or less	704	—	—	—	52	63	27	—	18	36	203	288
0.51 to 1.00	929	5	10	10	30	23	22	6	23	6	537	257
1.01 to 1.50	35	—	24	—	11	—	—	—	—	—	—	—
1.51 or more	8	—	4	—	—	—	—	—	—	4	—	—
UNITS IN STRUCTURE												
1	2 540	163	397	426	502	136	129	6	268	45	252	216
2 to 4	18 325	1 345	2 691	1 656	3 584	1 503	518	194	1 979	541	2 105	2 209
5 to 19	8 513	740	1 205	438	735	518	235	25	831	186	1 956	1 644
20 or more	2 497	304	250	93	113	156	48	11	103	61	770	588
Mobile home or trailer	151	38	31	6	18	6	—	—	12	—	29	11
GROSS RENT												
Specified renter occupied²	31 856	2 573	4 563	2 584	4 910	2 313	907	236	3 193	823	5 103	4 651
Less than \$50	1 680	17	26	21	60	131	5	16	70	17	500	817
\$50 to \$59	1 429	6	35	15	76	106	6	3	35	27	382	738
\$60 to \$69	2 320	49	92	75	226	231	41	15	212	61	589	729
\$70 to \$79	2 387	61	153	138	323	218	67	26	263	91	461	586
\$80 to \$99	6 126	339	686	453	1 029	547	209	66	639	292	1 093	773
\$100 to \$119	6 072	596	986	603	1 068	527	169	48	715	164	808	398
\$120 to \$149	6 054	937	1 144	602	1 114	282	159	43	747	103	624	289
\$150 to \$199	3 945	503	1 177	390	572	134	129	12	397	54	453	124
\$200 to \$299	878	22	198	168	208	37	53	—	77	5	82	28
\$300 or more	9	—	4	5	—	—	—	—	—	—	—	—
No cash rent	956	43	62	114	234	100	69	7	38	9	111	169
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied²	31 856	2 573	4 563	2 584	4 910	2 313	907	236	3 193	823	5 103	4 651
Less than \$5,000	11 645	472	301	224	370	1 320	166	119	1 603	376	2 510	4 184
Less than 20 percent	797	4	26	11	49	105	—	—	53	15	366	152
20 to 24 percent	1 048	19	20	32	42	182	5	31	109	33	319	256
25 to 34 percent	2 293	101	94	42	54	348	29	12	316	98	574	625
35 percent or more	6 552	320	125	116	186	600	88	60	1 024	225	1 026	2 782
Not computed	955	28	36	23	39	85	44	—	101	5	225	369
\$5,000 to \$9,999	11 250	1 411	2 113	950	1 710	658	396	74	1 122	343	2 077	396
Less than 20 percent	6 419	677	1 180	544	1 176	347	210	9	501	233	1 242	251
20 to 24 percent	2 518	373	522	222	174	174	74	—	306	78	430	63
25 to 34 percent	1 710	307	333	137	194	98	54	—	238	17	286	46
35 percent or more	329	34	58	11	23	12	22	7	64	11	64	30
Not computed	274	20	20	36	50	27	36	—	13	4	55	6
\$10,000 to \$14,999	6 219	636	1 708	925	1 680	200	246	29	323	73	355	44
Less than 20 percent	5 651	592	1 551	843	1 544	184	219	29	296	63	304	26
20 to 24 percent	376	34	126	58	52	—	17	—	23	10	51	5
25 percent or more	38	—	11	—	14	4	5	—	—	—	—	—
Not computed	154	10	20	24	70	12	9	—	4	—	161	27
\$15,000 or more	2 742	54	441	485	1 150	135	99	14	145	31	156	27
Less than 20 percent	2 591	54	441	438	1 070	135	91	14	134	31	—	—
20 to 24 percent	12	—	—	12	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	139	—	—	35	80	—	8	—	11	—	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-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	448	194	123	131	Vacant for rent	2 384	1 356	522	506
ROOMS					ROOMS				
1 to 3 rooms	22	6	5	11	1 room	162	75	50	37
4 rooms	26	8	3	15	2 rooms	105	65	23	17
5 rooms	136	36	54	46	3 rooms	401	239	84	78
6 rooms	116	56	32	28	4 rooms	885	544	157	184
7 rooms or more	148	88	29	31	5 rooms	617	317	176	124
					6 rooms	173	89	25	59
					7 rooms or more	41	27	7	7
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	425	194	110	121	With all plumbing facilities	2 144	1 265	434	445
Lacking some or all plumbing facilities	23	-	13	10	Lacking some or all plumbing facilities	240	91	88	61
BEDROOMS					BEDROOMS				
None and 1	49	13	36	-	None	261	97	91	73
2	132	103	-	29	1	581	423	74	84
3	217	91	107	19	2	1 012	534	302	176
4 or more	111	-	30	81	3 or more	421	241	90	90
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	164	89	55	20	1969 to March 1970	310	296	14	-
1960 to 1968	47	21	9	17	1960 to 1968	158	102	31	25
1950 to 1959	42	17	10	15	1950 to 1959	27	16	11	-
1949 or earlier	195	67	49	79	1949 or earlier	1 889	942	466	481
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	384	172	113	99	1	154	75	40	39
2 or more	64	22	10	32	2 to 4	976	497	233	246
					5 to 9	527	250	150	127
					10 to 19	415	302	52	61
					20 or more	312	232	47	33
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	281	130	81	70	1	154	75	40	39
Warm-air furnace	85	36	25	24	2 to 4	976	497	233	246
Built-in electric units	20	13	3	4	5 to 9	527	250	150	127
Floor, wall, or pipeless furnace	11	-	6	5	10 to 19	415	302	52	61
Other means	51	15	8	28	20 or more	312	232	47	33
None	-	-	-	-					
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	350	156	106	88	Specified vacant for rent ²	2 381	1 353	522	506
Less than \$5,000	6	-	3	3	Less than \$50	550	209	165	176
\$5,000 to \$9,999	7	-	-	7	\$50 to \$59	180	82	49	49
\$10,000 to \$14,999	34	19	11	4	\$60 to \$79	566	300	135	131
\$15,000 to \$19,999	74	24	21	29	\$80 to \$99	305	192	69	44
\$20,000 to \$24,999	62	26	11	25	\$100 to \$119	247	118	51	78
\$25,000 to \$34,999	123	59	57	7	\$120 to \$149	244	206	18	20
\$35,000 to \$49,999	31	15	3	13	\$150 to \$199	156	127	21	8
\$50,000 or more	13	13	-	-	\$200 or more	133	119	14	-
Median price asked	\$24 400	\$26 500	\$26 200	...	Median rent asked	\$76	\$89	\$67	\$64

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	350	13	34	74	62	123	44	2 381	730	566	305	491	156	133
PLUMBING FACILITIES														
With all plumbing facilities	338	18	13	124	49	112	22	1 925	439	459	339	396	162	130
Lacking some or all plumbing facilities	30	-	12	-	18	-	-	337	204	121	-	12	-	-
BEDROOMS														
None and 1	36	18	-	-	18	-	-	842	264	216	126	167	69	-
2	39	-	-	-	17	22	-	1 012	281	294	132	141	77	87
3	195	-	12	95	32	56	-	353	85	28	81	100	16	43
4 or more	98	-	13	29	-	34	22	55	13	42	-	-	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	152	-	-	4	31	89	28	310	-	48	3	105	35	119
1960 to 1968	44	-	-	16	12	4	12	158	11	10	26	54	47	10
1950 to 1959	33	-	4	17	6	6	-	27	8	3	3	5	4	4
1949 or earlier	121	13	30	37	13	24	4	1 886	711	505	273	327	70	-
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	151	42	43	11	42	9	4
2 to 4	...	...	...	...	...	...	...	976	335	284	165	184	4	4
5 to 19	...	...	...	...	...	...	...	942	269	159	122	150	117	125
20 or more	...	...	...	...	...	...	...	312	84	80	7	115	26	-
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	532	150	127	88	84	36	47
Some or no utilities included	...	...	...	...	...	...	...	1 849	580	439	217	407	120	86

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-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]

Table with columns: Haverhill, 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). Rows include Specified renter occupied, ROOMS, PERSONS, PLUMBING FACILITIES BY PERSONS PER ROOM, BEDROOMS, YEAR STRUCTURE BUILT, ELEVATOR IN STRUCTURE, COMPLETE BATHROOMS, INCOME IN 1969, YEAR MOVED INTO UNIT, GROSS RENT AS PERCENTAGE OF INCOME, AIR CONDITIONING.

1Excludes 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]

Haverhill	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	8 314	992	2 534	1 437	1 314	950	610	301	176	2.9
BEDROOMS										
None and 1	486	235	215	--	--	18	--	--	18	1.5
2	2 375	399	1 300	446	158	43	29	--	--	2.1
3	3 950	353	916	666	1 026	618	231	104	36	3.5
4 or more	1 486	69	227	142	201	246	347	137	117	4.9
YEAR STRUCTURE BUILT										
1969 to March 1970	35	--	10	4	6	10	5	--	--	...
1965 to 1968	185	--	36	43	55	31	10	5	5	3.7
1960 to 1964	453	18	97	59	120	74	55	17	13	3.9
1950 to 1959	1 089	72	362	216	222	124	52	29	12	3.0
1940 to 1949	351	42	115	43	59	43	33	10	6	2.9
1939 or earlier	6 201	860	1 914	1 072	852	668	455	240	140	2.8
UNITS IN STRUCTURE										
1	6 278	630	1 858	1 078	1 040	759	534	233	146	3.1
2 or more	2 036	362	676	359	274	191	76	68	30	2.5
Mobile home or trailer	--	--	--	--	--	--	--	--	--	--
COMPLETE BATHROOMS										
1 and 1 1/2	7 324	838	2 290	1 329	1 174	763	528	258	144	2.9
2 and 2 1/2	713	78	131	106	125	143	65	63	22	4.0
3 or more	80	--	19	15	14	22	5	--	5	...
None or also used by another household	200	57	66	26	12	31	8	--	--	2.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	7 322	...	2 534	1 437	1 314	950	610	301	176	3.3
Male head, wife present, no nonrelatives	6 228	1 873	1 239	1 190	896	600	258	172	100	3.5
Under 25 years	134	...	62	41	31	--	--	--	--	2.6
25 to 34 years	905	...	55	152	243	254	130	48	23	4.5
35 to 44 years	1 185	...	72	104	246	296	258	117	92	5.1
45 to 64 years	2 956	...	967	683	626	321	209	93	57	3.2
65 years and over	1 048	...	717	259	44	25	3	--	--	2.2
Other male head	328	...	215	55	22	13	--	19	4	2.3
Under 65 years	216	...	130	40	17	10	--	15	4	2.3
65 years and over	112	...	85	15	5	3	--	4	--	2.2
Female head	766	...	446	143	102	41	10	24	--	2.4
Under 65 years	437	...	222	77	72	41	5	20	--	2.5
65 years and over	329	...	224	66	30	--	5	4	--	2.2
One-person households	992	992	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	6 000	596	1 802	1 002	996	734	502	222	146	3.1
Less than 1.5	2 718	47	742	526	518	384	291	110	100	3.6
1.5 to 1.9	1 292	40	377	241	217	198	142	55	22	3.5
2.0 to 2.4	617	45	156	109	130	82	35	36	24	3.5
2.5 to 2.9	372	70	146	60	48	26	18	4	--	2.3
3.0 to 3.9	364	64	156	49	41	34	11	9	--	2.3
4.0 or more	582	291	209	17	42	10	5	8	--	1.5
Not computed	55	39	16	--	--	--	--	--	--	...
Renter occupied housing units	6 917	2 471	1 883	1 058	672	410	230	120	73	2.0
BEDROOMS										
None	273	253	20	--	--	--	--	--	--	...
1	2 313	1 519	686	40	47	21	--	--	--	1.3
2	2 927	571	994	749	317	193	82	21	--	2.4
3 or more	1 409	91	136	301	230	278	161	102	110	4.3
YEAR STRUCTURE BUILT										
1969 to March 1970	96	38	53	5	--	--	--	--	--	...
1965 to 1968	216	101	75	15	19	6	--	--	--	1.6
1960 to 1964	154	83	65	6	--	--	--	--	--	1.4
1950 to 1959	229	46	45	25	62	24	8	7	12	3.4
1940 to 1949	288	66	81	64	36	--	15	26	--	2.5
1939 or earlier	5 934	2 137	1 564	943	555	380	207	87	61	2.0
UNITS IN STRUCTURE										
1	489	70	106	113	101	38	27	23	11	3.1
2	2 203	425	700	466	243	176	124	51	18	2.5
3 and 4	1 972	689	476	324	234	131	55	34	29	2.1
5 to 9	1 203	609	325	103	78	49	19	5	15	1.5
10 to 19	736	505	154	39	16	10	5	7	--	1.2
20 or more	302	173	116	13	--	--	--	--	--	1.4
Mobile home or trailer	12	--	6	--	--	6	--	--	--	...
COMPLETE BATHROOMS										
1 and 1 1/2	6 328	2 143	1 828	961	625	397	209	99	66	2.1
2 or more	92	21	30	--	12	8	7	14	--	...
None or also used by another household	495	325	71	48	29	7	6	9	--	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	4 446	...	1 883	1 058	672	410	230	120	73	2.8
Male head, wife present, no nonrelatives	3 187	...	1 204	736	531	359	193	102	62	3.0
Under 25 years	531	...	214	193	78	41	5	--	--	2.8
25 to 34 years	720	...	113	152	202	107	99	32	15	4.0
35 to 44 years	510	...	68	65	115	128	68	37	29	4.6
45 to 64 years	874	...	369	225	125	83	21	33	18	2.8
65 years and over	552	...	440	101	11	--	--	--	--	2.1
Other male head	189	...	117	40	16	9	5	2	--	2.3
Under 65 years	141	...	79	36	10	9	5	2	--	2.4
65 years and over	48	...	38	4	6	--	--	--	--	...
Female head	1 070	...	562	282	125	42	32	16	11	2.5
Under 65 years	773	...	303	244	125	42	32	16	11	2.8
65 years and over	297	...	259	38	--	--	--	--	--	2.1
One-person households	2 471	2 471	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	6 890	2 471	1 866	1 053	667	410	230	120	73	2.0
Less than 10 percent	588	67	216	175	54	52	9	12	3	2.6
10 to 14 percent	1 061	208	281	205	178	93	77	11	8	2.7
15 to 19 percent	1 144	255	308	214	156	109	60	37	5	2.5
20 to 24 percent	877	270	233	139	88	49	52	26	20	2.2
25 to 34 percent	963	375	290	134	69	53	8	12	22	1.9
35 percent or more	1 879	1 128	447	137	73	43	24	12	15	1.3
Not computed	378	168	91	49	49	11	--	10	--	1.7

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

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

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]

Haverhill					Haverhill				
	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	52	37	3	12	Vacant for rent	577	259	104	214
ROOMS					ROOMS				
1 to 3 rooms	3	3	-	-	1 room	21	7	4	10
4 rooms	5	5	-	-	2 rooms	29	16	4	9
5 rooms	17	9	-	8	3 rooms	110	60	8	42
6 rooms	9	5	-	4	4 rooms	214	96	27	91
7 rooms or more	18	15	3	-	5 rooms	157	67	46	44
					6 rooms	42	13	11	18
					7 rooms or more	4	-	4	-
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	52	37	3	12	With all plumbing facilities	517	244	78	195
Lacking some or all plumbing facilities	-	-	-	-	Lacking some or all plumbing facilities	60	15	26	19
BEDROOMS					BEDROOMS				
None and 1	-	-	-	-	None	39	13	13	13
2	42	42	-	-	1	156	130	-	26
3	13	13	-	-	2	253	93	69	91
4 or more	12	-	-	12	3 or more	67	41	26	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	5	5	-	-	1969 to March 1970	-	-	-	-
1960 to 1968	-	-	-	-	1960 to 1968	6	6	-	-
1950 to 1959	-	-	-	-	1950 to 1959	6	6	-	-
1949 or earlier	47	32	3	12	1949 or earlier	565	247	104	214
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	31	24	3	4	1	26	11	8	7
2 or more	21	13	3	8	2 to 4	301	132	71	98
					5 to 9	136	49	17	70
					10 to 19	108	64	8	36
					20 or more	6	3	-	3
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	38	27	3	8	Specified vacant for rent?	577	259	104	214
Warm-air furnace	14	10	4	4	Less than \$50	122	39	31	52
Built-in electric units	-	-	-	-	\$50 to \$59	56	35	10	11
Floor, wall, or pipeless furnace	-	-	-	-	\$60 to \$79	172	65	33	74
Other means	-	-	-	-	\$80 to \$99	84	50	13	21
None	-	-	-	-	\$100 to \$119	89	36	9	44
					\$120 to \$149	45	25	8	12
					\$150 to \$199	9	9	-	-
					\$200 or more	-	-	-	-
SALES PRICE ASKED					Median rent asked	\$73	\$77	\$67	\$72
Specified vacant for sale?	31	24	3	4					
Less than \$5,000	-	-	-	-					
\$5,000 to \$9,999	-	-	-	-					
\$10,000 to \$14,999	22	19	3	-					
\$15,000 to \$19,999	2	-	-	2					
\$20,000 to \$24,999	5	5	-	-					
\$25,000 to \$34,999	2	-	-	2					
\$35,000 to \$49,999	-	-	-	-					
\$50,000 or more	-	-	-	-					
Median price asked .....	...	...	...	...	

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

Table 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]

Haverhill	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	31	-	22	2	5	2	577	178	172	84	134	9	-
PLUMBING FACILITIES													
With all plumbing facilities	25	-	-	-	13	12	437	79	132	92	106	28	-
Lacking some or all plumbing facilities	-	-	-	-	-	-	78	78	-	-	-	-	-
BEDROOMS													
None and 1	-	-	-	-	-	-	195	78	26	52	39	-	-
2	-	-	-	-	-	-	253	52	93	27	53	28	-
3	13	-	-	-	13	-	41	14	-	13	14	-	-
4 or more	12	-	-	-	-	12	26	13	13	-	-	-	-
YEAR STRUCTURE BUILT													
1969 to March 1970	5	-	-	-	5	-	-	-	-	-	-	-	-
1960 to 1968	-	-	-	-	-	-	6	-	-	-	6	-	-
1950 to 1959	-	-	-	-	-	-	6	3	-	3	-	-	-
1949 or earlier	26	-	22	2	-	2	565	175	172	81	128	9	-
UNITS IN STRUCTURE													
1 .....	...	...	...	...	...	...	26	11	8	-	7	-	-
2 to 4 .....	...	...	...	...	...	...	301	85	101	42	73	-	-
5 to 19 .....	...	...	...	...	...	...	244	76	63	42	54	9	-
20 or more .....	...	...	...	...	...	...	6	6	-	-	-	-	-
INCLUSION OF UTILITIES IN RENT													
All utilities included .....	...	...	...	...	...	...	151	45	32	36	33	5	-
Some or no utilities included .....	...	...	...	...	...	...	426	133	140	48	101	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-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]

Lawrence	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	7 729	10	19	124	977	2 404	2 506	941	748	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	7 533	11	7	154	891	2 377	2 389	979	725	5.6
PERSONS										
1 person	1 131	5	15	68	246	303	348	91	55	5.3
2 persons	2 249	—	—	46	436	784	614	200	149	5.3
3 persons	1 452	—	4	4	193	517	499	143	92	5.5
4 persons	1 171	—	—	6	71	363	445	151	135	5.8
5 persons	761	—	—	—	25	232	263	157	84	6.0
6 persons or more	965	5	—	—	6	205	337	199	213	6.3
Median	2.8	...	...	1.4	2.1	2.7	3.1	3.7	3.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	7 596	10	19	120	937	2 347	2 478	937	748	5.6
0.50 or less	4 113	—	15	64	647	1 046	1 441	430	470	5.7
0.51 to 1.00	3 038	5	—	50	264	1 101	890	471	257	5.6
1.01 to 1.50	410	—	4	6	26	175	142	36	21	5.5
1.51 or more	35	5	—	—	—	25	5	—	—	...
Lacking some or all plumbing facilities	133	—	—	4	40	57	28	4	—	4.9
0.50 or less	104	—	—	4	35	41	20	4	—	4.8
0.51 to 1.00	19	—	—	—	—	11	8	—	—	...
1.01 to 1.50	10	—	—	—	5	5	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	—
BEDROOMS										
None and 1	319	—	32	35	169	83	—	—	—	...
2	2 679	—	—	—	863	1 171	537	90	18	4.9
3	3 506	—	—	—	76	950	1 997	371	112	5.9
4 or more	1 302	—	—	—	—	59	233	334	676	7.5
YEAR STRUCTURE BUILT										
1969 to March 1970	67	—	—	—	5	46	6	10	—	...
1960 to 1968	559	—	—	4	54	256	141	63	41	5.4
1950 to 1959	756	—	—	13	134	263	231	77	38	5.4
1949 or earlier	6 347	10	19	107	784	1 839	2 128	791	669	5.7
COMPLETE BATHROOMS										
1 and 1 1/2	7 036	11	14	136	900	2 324	2 268	852	531	5.6
2 or more	523	—	—	18	—	57	127	127	194	7.0
None or also used by another household	170	—	—	5	39	72	39	15	—	5.1
VALUE-INCOME RATIO										
Specified owner occupied¹	3 777	—	6	39	433	1 024	1 068	642	565	5.9
Less than 1.5	1 514	—	—	11	124	423	427	279	250	6.0
1.5 to 1.9	815	—	—	6	100	212	240	148	109	5.9
2.0 to 2.9	738	—	—	—	103	183	217	115	120	5.9
3.0 or more	692	—	6	22	102	201	180	95	86	5.6
Not computed	18	—	—	—	4	5	4	5	—	...
Renter occupied housing units	15 500	774	576	1 992	3 821	4 542	3 285	376	134	4.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 729	42	400	1 864	3 601	4 139	3 212	358	113	4.7
PERSONS										
1 person	4 871	759	432	1 208	1 289	792	350	41	—	3.5
2 persons	4 360	10	114	605	1 383	1 384	770	79	15	4.5
3 persons	2 388	—	22	122	692	766	717	58	11	5.0
4 persons	1 793	5	4	41	294	739	625	67	18	5.2
5 persons	1 039	—	4	9	101	407	394	79	45	5.5
6 persons or more	1 049	—	—	7	62	454	429	52	45	5.5
Median	2.2	1.0	1.2	1.3	1.9	2.6	3.2	3.6	5.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	14 300	116	479	1 932	3 622	4 413	3 228	376	134	4.7
0.50 or less	8 113	—	356	1 176	2 485	2 065	1 790	178	63	4.5
0.51 to 1.00	5 251	105	102	705	974	1 894	1 212	188	71	4.9
1.01 to 1.50	780	—	17	35	131	390	197	10	—	5.0
1.51 or more	156	11	4	16	32	64	29	—	—	4.7
Lacking some or all plumbing facilities	1 200	658	97	60	199	129	57	—	—	1.4
0.50 or less	453	—	76	32	187	111	47	—	—	4.1
0.51 to 1.00	728	654	12	22	12	18	10	—	—	1.1
1.01 to 1.50	11	—	5	6	—	—	—	—	—	...
1.51 or more	8	4	4	—	—	—	—	—	—	...
BEDROOMS										
None	802	724	37	41	—	—	—	—	—	1.1
1	3 098	—	682	1 679	494	243	—	—	—	3.0
2	6 117	—	—	170	2 735	2 725	487	—	—	4.6
3 or more	5 492	—	—	—	115	1 900	2 836	435	206	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	294	7	30	120	116	21	—	—	—	3.4
1960 to 1968	971	21	170	276	339	116	44	—	5	3.6
1950 to 1959	680	—	12	101	270	220	77	—	—	4.3
1949 or earlier	13 555	746	364	1 495	3 096	4 185	3 164	376	129	4.8
COMPLETE BATHROOMS										
1 and 1 1/2	13 646	72	400	1 838	3 600	4 098	3 193	350	95	4.7
2 or more	119	—	—	26	7	41	19	8	18	...
None or also used by another household	1 735	709	115	131	333	354	70	23	—	2.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	15 490	774	576	1 987	3 821	4 542	3 280	376	134	4.6
Less than 10 percent	2 094	131	36	115	382	733	625	51	21	5.0
10 to 14 percent	3 413	187	45	303	803	1 057	841	124	53	4.8
15 to 19 percent	2 583	89	70	313	594	787	652	69	9	4.8
20 to 24 percent	1 793	67	76	275	439	528	47	11	7	4.6
25 to 34 percent	1 852	138	112	310	492	488	271	34	7	4.2
35 percent or more	3 175	124	208	585	970	824	431	33	33	4.2
Not computed	580	38	29	86	141	125	110	18	—	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-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]

Lawrence	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	7 729	3 844	3 885	—	15 500	643	3 204	6 582	2 678	1 100	1 293	—
ROOMS												
1 room	10	—	10	—	774	12	—	18	70	88	586	—
2 rooms	19	6	13	—	576	12	29	115	162	178	80	—
3 rooms	124	39	85	—	1 992	62	188	609	530	301	302	—
4 rooms	977	437	540	—	3 821	145	762	1 398	955	335	226	—
5 rooms	2 404	1 029	1 375	—	4 542	129	1 140	2 269	750	169	85	—
6 rooms	2 506	1 083	1 423	—	3 285	136	900	2 021	189	29	10	—
7 rooms	941	674	267	—	376	81	139	130	22	—	4	—
8 rooms or more	748	576	172	—	134	66	46	22	—	—	—	—
Median	5.6	5.9	5.4	—	4.6	5.2	5.0	5.0	4.1	3.4	2.3	—
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	7 596	3 786	3 810	—	14 300	620	3 094	6 435	2 460	989	702	—
0.50 or less	4 113	1 896	2 217	—	8 113	346	1 865	3 542	1 419	571	370	—
0.51 to 1.00	3 038	1 692	1 346	—	5 251	229	1 098	2 439	850	339	296	—
1.01 to 1.50	410	189	221	—	780	37	120	379	144	75	25	—
1.51 or more	35	9	26	—	156	8	11	75	47	4	11	—
Lacking some or all plumbing facilities	133	58	75	—	1 200	23	110	147	218	111	591	—
0.50 or less	104	47	57	—	453	17	92	126	141	26	51	—
0.51 to 1.00	19	6	13	—	728	6	18	16	73	79	536	—
1.01 to 1.50	10	5	5	—	11	—	—	5	—	6	—	—
1.51 or more	—	—	—	—	8	—	—	—	4	—	4	—
BEDROOMS												
None	—	—	—	—	802	—	20	—	97	119	566	—
1	319	151	168	—	3 098	101	443	840	681	624	409	—
2	2 679	949	1 730	—	6 117	233	1 393	2 559	1 247	342	343	—
3	3 506	1 673	1 833	—	4 962	235	1 307	2 597	630	193	—	—
4 or more	1 302	822	480	—	530	202	71	213	44	—	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	67	67	—	—	294	—	—	11	16	117	150	—
1965 to 1968	197	185	12	—	542	15	40	52	49	165	221	—
1960 to 1964	362	348	14	—	429	19	23	83	69	145	90	—
1950 to 1959	756	720	36	—	680	80	45	265	144	88	58	—
1940 to 1949	578	480	98	—	842	39	155	281	266	45	56	—
1939 or earlier	5 769	2 044	3 725	—	12 713	490	2 941	5 890	2 134	540	718	—
INCOME IN 1969												
Less than \$2,000	580	200	380	—	2 592	85	386	858	606	308	349	—
\$2,000 to \$2,999	358	88	270	—	1 275	46	263	441	231	125	169	—
\$3,000 to \$3,999	299	104	195	—	993	32	215	374	205	81	86	—
\$4,000 to \$4,999	301	114	187	—	1 111	35	156	478	218	122	102	—
\$5,000 to \$5,999	307	94	213	—	1 182	60	199	526	224	60	113	—
\$6,000 to \$6,999	392	229	163	—	1 301	38	281	545	213	113	111	—
\$7,000 to \$9,999	1 412	670	742	—	2 929	129	657	1 395	470	137	141	—
\$10,000 to \$14,999	2 391	1 294	1 097	—	2 913	144	752	1 406	355	112	144	—
\$15,000 to \$24,999	1 457	879	578	—	1 080	63	275	512	129	34	67	—
\$25,000 or more	232	172	60	—	124	11	20	47	27	8	11	—
Median	\$10 500	\$11 600	\$9 200	—	\$6 500	\$7 600	\$7 500	\$7 100	\$5 400	\$4 300	\$4 400	—
YEAR MOVED INTO UNIT												
1969 to March 1970	433	232	201	—	3 458	114	578	1 225	618	367	556	—
1968	306	143	163	—	1 923	40	389	800	397	176	121	—
1967	286	180	106	—	1 066	7	217	572	127	74	69	—
1965 and 1966	568	302	266	—	2 077	85	467	864	355	123	183	—
1960 to 1964	1 288	822	466	—	2 556	86	613	1 141	448	126	142	—
1950 to 1959	1 991	1 166	825	—	2 327	179	471	1 085	361	90	141	—
1949 or earlier	2 857	1 101	1 756	—	2 093	97	475	1 047	329	80	65	—
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	15 490	633	3 204	6 582	2 678	1 100	1 293	...
Less than \$50 .....	...	...	...	...	1 342	25	64	258	253	253	489	...
\$50 to \$59 .....	...	...	...	...	734	12	138	201	187	95	101	...
60 to \$69 .....	...	...	...	...	1 302	41	173	515	342	62	169	...
70 to \$79 .....	...	...	...	...	1 522	49	270	757	290	87	69	...
80 to \$99 .....	...	...	...	...	3 367	115	573	1 737	748	123	71	...
100 to \$119 .....	...	...	...	...	3 158	111	829	1 516	528	132	42	...
120 to \$149 .....	...	...	...	...	2 673	119	843	1 117	244	202	148	...
150 to \$199 .....	...	...	...	...	1 030	46	202	386	75	133	188	...
\$200 to \$299 .....	...	...	...	...	72	9	11	39	—	13	—	...
\$300 or more .....	...	...	...	...	—	—	—	—	—	—	—	...
No cash rent .....	...	...	...	...	290	106	101	56	11	—	16	...
Median .....	...	...	...	...	\$96	\$104	\$108	\$98	\$86	\$86	\$63	...
HEATING EQUIPMENT												
Steam or hot water	5 655	2 735	2 920	—	7 911	404	1 997	2 489	1 210	824	987	—
Warm-air furnace	1 033	770	263	—	850	77	180	310	138	87	58	—
Built-in electric units	118	108	10	—	317	11	7	70	32	62	135	—
Floor, wall, or pipeless furnace	63	40	23	—	135	12	9	24	14	32	44	—
Other means	860	191	669	—	6 213	135	988	3 653	1 278	90	69	—
None	—	—	—	—	74	4	23	36	6	5	—	—
AIR CONDITIONING												
Room unit(s)	1 526	797	729	—	1 966	158	407	674	202	242	283	—
Central system	28	28	—	—	13	—	—	—	—	13	—	—
None	6 175	3 121	3 054	—	13 521	450	2 803	6 060	2 433	781	994	—
AUTOMOBILES AVAILABLE												
1	4 529	2 327	2 202	—	7 880	330	1 864	3 783	1 062	416	425	—
2	1 657	998	659	—	1 397	78	364	658	183	56	58	—
3 or more	247	150	97	—	70	7	—	44	8	11	—	—
None	1 296	471	825	—	6 153	193	982	2 249	1 382	553	794	—

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]

Lawrence	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	7 729	59	711	952	2 734	1 001	225	116	490	310	413	718
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	7 596	59	705	952	2 709	991	222	114	467	293	403	679
0.50 or less	4 113	25	105	102	1 217	818	140	86	296	247	398	679
0.51 to 1.00	3 038	29	547	632	1 351	169	77	30	156	42	5	—
1.01 to 1.50	410	5	53	204	120	4	7	—	15	4	—	—
1.51 or more	35	—	—	14	21	—	—	—	—	—	—	—
Lacking some or all plumbing facilities	133	—	6	—	25	10	3	—	23	17	10	39
0.50 or less	104	—	6	—	15	10	—	—	12	12	10	39
0.51 to 1.00	19	—	—	—	5	—	3	—	6	5	—	—
1.01 to 1.50	10	—	—	—	5	—	—	—	5	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	3 844	21	353	605	1 479	440	108	58	255	141	157	227
2 or more	3 885	38	358	347	1 255	561	117	58	235	169	256	491
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—
INCOME IN 1969												
Less than \$2,000	580	—	9	—	42	80	5	18	17	25	62	322
\$2,000 to \$2,999	358	—	5	—	15	116	6	—	23	15	28	150
\$3,000 to \$3,999	299	—	5	—	29	82	11	—	21	10	58	83
\$4,000 to \$4,999	301	4	10	4	15	73	18	9	27	32	54	55
\$5,000 to \$5,999	307	4	11	5	65	78	6	9	37	24	29	39
\$6,000 to \$6,999	392	5	39	19	72	87	10	14	48	22	63	13
\$7,000 to \$9,999	1 412	27	175	217	486	184	53	21	114	40	66	29
\$10,000 to \$14,999	2 391	8	344	436	1 086	174	65	11	118	80	53	16
\$15,000 to \$24,999	1 457	11	92	237	828	98	31	34	80	41	—	5
\$25,000 or more	232	—	21	34	96	29	20	—	5	21	—	6
Median	\$10 500	...	\$11 500	\$12 600	\$13 000	\$6 800	\$10 300	\$8 100	\$8 900	\$9 000	\$5 200	\$2 200
VALUE-INCOME RATIO												
Specified owner occupied ¹	3 777	21	347	600	1 452	430	108	53	250	136	153	227
Less than 1.5	1 514	5	110	284	711	148	38	34	93	64	21	6
1.5 to 1.9	815	10	107	148	393	141	25	—	45	24	14	8
2.0 to 2.4	506	6	89	101	168	48	14	5	41	15	14	5
2.5 to 2.9	232	—	31	37	59	32	10	—	16	13	24	10
3.0 to 3.9	248	—	—	20	55	45	10	4	28	16	33	37
4.0 or more	444	—	10	10	56	112	11	10	27	4	43	161
Not computed	18	—	—	—	10	4	—	—	—	—	4	—
Renter occupied housing units	15 500	1 039	1 811	1 303	2 585	1 218	553	138	1 597	385	2 525	2 346
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	14 300	1 034	1 784	1 298	2 531	1 152	519	132	1 583	355	1 971	1 941
0.50 or less	8 113	378	353	197	1 223	801	310	111	721	212	1 897	1 910
0.51 to 1.00	5 251	632	1 193	756	1 171	326	182	21	722	143	74	31
1.01 to 1.50	780	18	214	266	112	14	21	—	135	—	—	—
1.51 or more	156	6	24	79	25	11	6	—	5	—	—	—
Lacking some or all plumbing facilities	1 200	5	27	5	54	66	34	6	14	30	554	405
0.50 or less	453	—	12	—	37	48	17	—	8	26	101	204
0.51 to 1.00	728	5	5	5	12	18	17	6	6	—	453	201
1.01 to 1.50	11	—	6	—	5	—	—	—	—	—	—	—
1.51 or more	8	—	4	—	—	—	—	—	—	4	—	—
UNITS IN STRUCTURE												
1	643	27	51	113	141	37	36	6	73	13	86	60
2 to 4	9 786	657	1 304	953	2 040	825	346	116	1 024	258	1 081	1 182
5 to 19	3 778	271	381	204	348	312	146	11	431	87	815	772
20 or more	1 293	84	75	33	56	44	25	5	69	27	543	332
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT												
Specified renter occupied ²	15 490	1 039	1 811	1 293	2 585	1 218	553	138	1 597	385	2 525	2 346
Less than \$50	1 342	5	20	15	41	120	5	16	55	17	387	661
\$50 to \$59	734	—	20	15	55	32	6	—	16	7	238	345
\$60 to \$69	1 302	15	54	51	161	130	25	6	171	35	338	316
\$70 to \$79	1 522	20	105	99	235	143	55	15	183	34	302	331
\$80 to \$99	3 367	175	376	266	634	306	174	50	365	166	517	338
\$100 to \$119	3 158	286	473	379	634	272	121	26	328	72	390	177
\$120 to \$149	2 673	377	547	306	517	135	76	25	303	44	241	102
\$150 to \$199	1 030	140	201	106	238	38	66	—	135	6	75	25
\$200 to \$299	72	6	9	13	17	—	—	—	27	—	—	—
\$300 or more	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	290	15	6	43	53	42	25	—	14	4	37	51
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	15 490	1 039	1 811	1 293	2 585	1 218	553	138	1 597	385	2 525	2 346
Less than \$5,000	5 966	227	155	107	179	704	112	72	750	165	1 366	2 129
Less than 20 percent	538	—	26	11	44	57	—	16	37	5	243	99
20 to 24 percent	655	9	11	21	29	121	—	22	85	4	181	172
25 to 34 percent	1 252	48	45	25	26	182	14	12	154	64	306	376
35 percent or more	3 101	165	58	39	75	305	54	22	448	92	513	1 330
Not computed	420	5	15	11	5	39	—	—	26	—	123	152
\$5,000 to \$9,999	5 407	536	893	515	927	332	224	45	592	169	982	192
Less than 20 percent	3 541	293	552	332	704	198	146	40	318	136	683	139
20 to 24 percent	1 092	101	207	124	127	88	48	5	133	29	183	47
25 to 34 percent	600	117	120	50	63	23	24	—	123	—	80	—
35 percent or more	74	15	14	—	6	6	6	—	10	—	17	—
Not computed	100	10	9	—	27	17	—	—	8	—	19	6
\$10,000 to \$14,999	2 913	265	645	511	906	101	149	11	158	25	138	4
Less than 20 percent	2 833	249	645	486	878	101	144	11	152	25	138	4
20 to 24 percent	46	11	—	13	16	—	—	—	6	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	34	5	—	12	12	—	5	—	—	—	—	—
\$15,000 or more	1 204	11	118	160	573	81	68	10	97	26	39	21
Less than 20 percent	1 178	11	118	149	564	81	68	10	91	26	39	21
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	26	—	—	11	9	—	—	—	6	—	—	—

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

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

Table C-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]

Lawrence	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	7 729	1 131	2 249	1 452	1 171	761	486	305	174	2.8
BEDROOMS										
None and 1	319	146	130	43	—	—	—	—	—	...
2	2 479	619	1 153	609	182	93	23	—	—	2.1
3	3 506	416	737	703	753	502	239	95	61	3.4
4 or more	1 302	60	266	135	125	162	177	192	185	4.9
YEAR STRUCTURE BUILT										
1969 to March 1970	67	—	39	—	11	12	—	5	—	...
1965 to 1968	197	4	45	41	45	41	21	—	—	3.7
1960 to 1964	362	36	90	65	83	25	31	21	11	3.3
1950 to 1959	756	33	238	101	119	148	80	25	12	3.6
1940 to 1949	578	47	195	147	85	59	21	5	5	2.8
1939 or earlier	5 769	1 011	1 642	1 098	828	476	335	233	146	2.7
UNITS IN STRUCTURE										
1	3 844	384	1 063	697	661	451	292	189	107	3.2
2 or more	3 885	747	1 186	755	510	310	194	116	67	2.5
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—
COMPLETE BATHROOMS										
1 and 1 1/2	7 036	1 007	2 107	1 328	1 104	679	427	269	115	2.8
2 and 2 1/2	478	54	97	53	101	58	59	26	30	3.8
3 or more	45	7	17	—	—	6	15	—	—	...
None or also used by another household	170	63	52	21	10	17	—	7	—	1.9
HOUSEHOLD COMPOSITION										
Two-or-more-person households	6 598		2 249	1 452	1 171	761	486	305	174	3.2
Male head, wife present, no nonrelatives	5 457	—	1 612	1 202	1 059	688	447	285	164	3.4
Under 25 years	59	—	5	40	4	—	—	—	—	...
25 to 34 years	711	—	59	132	193	174	96	32	25	4.4
35 to 44 years	952	—	38	104	229	186	182	142	71	5.1
45 to 64 years	2 734	—	805	725	552	318	159	107	68	3.3
65 years and over	1 001	—	705	201	81	5	—	4	—	2.2
Other male head	341	—	197	62	27	31	19	—	5	2.4
Under 65 years	225	—	127	45	11	6	—	—	5	2.4
65 years and over	116	—	70	17	16	—	13	—	—	2.3
Female head	800	—	440	188	85	42	20	20	5	2.4
Under 65 years	490	—	262	109	45	38	11	20	5	2.4
65 years and over	310	—	178	79	40	4	9	—	—	2.4
One-person households	1 131	1 131								1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	3 777	380	1 028	686	649	451	287	189	107	3.2
Less than 1.5	1 514	27	309	311	320	243	151	109	44	3.8
1.5 to 1.9	815	22	202	189	147	111	54	40	50	3.5
2.0 to 2.4	506	19	135	116	91	52	55	29	9	3.4
2.5 to 2.9	232	34	87	16	41	23	21	6	4	2.4
3.0 to 3.9	248	70	115	15	27	10	6	5	—	2.0
4.0 or more	444	204	171	34	23	12	—	—	—	1.6
Not computed	18	4	9	5	—	—	—	—	—	...
Renter occupied housing units	15 500	4 871	4 360	2 388	1 793	1 039	540	323	186	2.2
BEDROOMS										
None	802	784	—	—	18	—	—	—	—	1.0
1	3 098	2 043	826	161	21	26	—	21	—	1.3
2	6 117	1 382	2 479	1 532	501	87	43	93	—	2.2
3 or more	5 492	565	1 046	728	1 331	888	443	320	171	3.8
YEAR STRUCTURE BUILT										
1969 to March 1970	294	93	144	40	6	11	—	—	—	1.9
1965 to 1968	542	212	174	82	25	40	9	—	—	1.8
1960 to 1964	429	235	92	24	31	9	22	16	—	1.4
1950 to 1959	680	186	147	106	104	26	65	16	30	2.6
1940 to 1949	842	256	188	190	97	34	30	47	—	2.4
1939 or earlier	12 713	3 889	3 615	1 946	1 530	919	414	244	156	2.2
UNITS IN STRUCTURE										
1	643	146	193	99	45	82	36	32	10	2.4
2	3 204	741	997	590	460	249	92	43	32	2.4
3 and 4	6 582	1 522	1 936	1 151	893	544	289	140	107	2.4
5 to 9	2 678	1 045	726	337	281	117	85	58	29	1.9
10 to 19	1 100	542	242	139	82	28	24	39	4	1.5
20 or more	1 293	875	266	72	32	19	14	11	4	1.2
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—
COMPLETE BATHROOMS										
1 and 1 1/2	13 646	3 731	3 949	2 326	1 667	979	550	288	156	2.3
2 or more	119	13	44	—	29	11	14	—	8	...
None or also used by another household	1 735	1 128	340	98	66	50	13	8	32	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	10 629		4 360	2 388	1 793	1 039	540	323	186	2.9
Male head, wife present, no nonrelatives	7 956	—	2 925	1 811	1 519	849	418	287	147	3.1
Under 25 years	1 039	—	367	478	129	53	7	5	—	2.8
25 to 34 years	1 811	—	359	358	589	275	123	86	21	3.8
35 to 44 years	1 303	—	142	202	280	261	181	144	93	4.6
45 to 64 years	2 585	—	1 081	635	440	249	102	45	33	2.8
65 years and over	1 218	—	976	138	81	11	5	7	—	2.1
Other male head	691	—	429	176	36	33	5	6	6	2.3
Under 65 years	553	—	327	146	36	27	5	6	6	2.3
65 years and over	138	—	102	30	—	6	—	—	—	2.2
Female head	1 982	—	1 006	401	238	157	117	30	33	2.5
Under 65 years	1 597	—	701	367	211	144	111	30	33	2.8
65 years and over	385	—	305	34	27	13	6	—	—	2.1
One-person households	4 871	4 871								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	15 490	4 871	4 355	2 388	1 793	1 039	535	323	186	2.2
Less than 10 percent	2 094	244	581	427	430	203	97	65	47	3.0
10 to 14 percent	3 413	578	1 062	656	498	326	171	86	36	2.6
15 to 19 percent	2 583	544	838	471	331	181	121	70	27	2.4
20 to 24 percent	1 793	583	548	250	171	98	75	22	46	2.1
25 to 34 percent	1 852	762	473	233	187	123	17	52	5	1.8
35 percent or more	3 175	1 860	729	285	132	85	49	16	19	1.4
Not computed	580	300	124	66	44	23	5	12	6	1.5

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

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

Table 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]

Lawrence	Duration of Vacancy				Lawrence	Duration of Vacancy			
	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	64	18	21	25	Vacant for rent	1 189	608	339	242
ROOMS					ROOMS				
1 to 3 rooms	3	3	-	-	1 room	128	58	43	27
4 rooms	11	-	-	11	2 rooms	31	17	11	3
5 rooms	24	9	8	7	3 rooms	163	76	54	33
6 rooms	22	6	13	3	4 rooms	374	191	106	77
7 rooms or more	4	-	-	4	5 rooms	376	200	111	65
					6 rooms	103	59	14	30
					7 rooms or more	14	7	-	7
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	56	18	17	21	With all plumbing facilities	1 037	548	284	205
Lacking some or all plumbing facilities	8	-	4	4	Lacking some or all plumbing facilities	152	60	55	37
BEDROOMS					BEDROOMS				
None and 1	13	13	-	-	None	198	84	54	60
2	46	17	-	29	1	230	146	26	58
3	17	-	17	-	2	510	237	188	85
4 or more	17	-	17	-	3 or more	244	131	45	68
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	17	9	4	4	1969 to March 1970	16	16	-	-
1960 to 1968	-	-	-	-	1960 to 1968	63	23	18	22
1950 to 1959	3	3	-	-	1950 to 1959	5	5	-	-
1949 or earlier	44	6	17	21	1949 or earlier	1 105	564	321	220
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	33	12	17	4	1	56	20	16	20
2 or more	31	6	4	21	2 to 4	542	299	125	118
					5 to 9	287	114	124	49
					10 to 19	127	75	27	25
					20 or more	177	100	47	30
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	31	15	9	7	Specified vacant for rent²	1 189	608	339	242
Warm-air furnace	4	-	4	-	Less than \$50	401	152	134	115
Built-in electric units	-	-	-	-	\$50 to \$59	121	44	39	38
Floor, wall, or pipeless furnace	-	-	-	-	\$60 to \$79	299	173	78	48
Other means	29	3	8	18	\$80 to \$99	165	102	47	16
None	-	-	-	-	\$100 to \$119	101	54	30	17
					\$120 to \$149	42	39	3	-
SALES PRICE ASKED					\$150 to \$199	60	44	8	8
Specified vacant for sale¹	33	12	17	4	\$200 or more	-	-	-	-
Less than \$5,000	-	-	-	-	Median rent asked	\$65	\$72	\$59	\$52
\$5,000 to \$9,999	-	-	-	-					
\$10,000 to \$14,999	4	-	4	-					
\$15,000 to \$19,999	13	-	13	-					
\$20,000 to \$24,999	13	9	4	-					
\$25,000 to \$34,999	3	3	-	-					
\$35,000 to \$49,999	-	-	-	-					
\$50,000 or more	-	-	-	-					
Median price asked .....	...	...	...	...	

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

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

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

Lawrence	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	33	-	4	13	13	3	-	1 189	522	299	165	143	60	-
PLUMBING FACILITIES														
With all plumbing facilities	51	-	-	34	17	-	-	972	360	218	212	103	79	-
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	210	126	84	-	-	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	428	186	129	52	29	32	-
2	17	-	-	-	17	-	-	510	229	129	92	29	31	-
3	17	-	-	17	-	-	-	215	71	15	68	45	16	-
4 or more	17	-	-	17	-	-	-	29	-	29	-	-	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	17	-	-	4	13	-	-	16	-	-	-	12	4	-
1960 to 1968	-	-	-	-	-	-	-	63	11	10	3	23	16	-
1950 to 1959	3	-	-	-	-	3	-	5	5	-	-	-	-	-
1949 or earlier	13	-	4	9	-	-	-	1 105	506	289	162	108	40	-
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	56	31	13	3	9	-	-
2 to 4 .....	...	...	...	...	...	...	...	542	224	156	97	61	4	-
5 to 19 .....	...	...	...	...	...	...	...	414	189	76	65	40	44	-
20 or more .....	...	...	...	...	...	...	...	177	78	54	-	33	12	-
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	270	105	86	36	39	4	-
Some or no utilities included .....	...	...	...	...	...	...	...	919	417	213	129	104	56	-

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

Appendix A.—AREA CLASSIFICATIONS

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

USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, **Standard Metropolitan Statistical Areas: 1967**, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

GENERAL	App-2	Gross rent	App-8
Self-enumeration and census questionnaire	App-2	Rent asked	App-8
Comparability with 1960 data ..	App-2	Value-income ratio	App-8
 		Gross rent as percentage of income	App-8
LIVING QUARTERS	App-3	HOUSEHOLD CHARACTERISTICS	App-8
Housing units	App-3	Head of household	App-8
Group quarters	App-3	Household composition	App-8
Rules for mobile homes, hotels, rooming houses, etc.	App-3	Nonrelative	App-9
Institutions	App-4	Family or primary individual ...	App-9
 		Income in 1969	App-9
OCCUPANCY AND VACANCY CHARACTERISTICS	App-4	FACSIMILES	App-10
Occupied housing units	App-4	Housing Pages in the 1970 Census Questionnaires	App-10
Race	App-4	Respondent Instructions for the Housing Questions in the 1970 Census	App-13
Spanish heritage	App-4		
Tenure	App-4		
Year moved into unit	App-4		
Vacant housing units	App-4		
Vacancy status	App-5		
Duration of vacancy	App-5		
UTILIZATION CHARACTERISTICS	App-5	GENERAL	
Persons	App-5	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.	
Rooms	App-5		
Persons per room	App-5		
Bedrooms	App-5		
STRUCTURAL AND PLUMBING CHARACTERISTICS	App-5		
Direct access	App-5		
Complete kitchen facilities	App-5		
Year structure built	App-6		
Units in structure	App-6		
Elevator in structure	App-6		
Plumbing facilities	App-6		
Complete bathrooms	App-6		
EQUIPMENT, FUELS, AND APPLIANCES	App-6		
Heating equipment	App-6		
Air conditioning	App-7		
Automobiles available	App-7		
Automatic clothes washing machine	App-7		
Clothes dryer	App-7		
Dishwasher	App-7		
Home food freezer	App-7		
Owned second home	App-7		
FINANCIAL CHARACTERISTICS	App-7		
Value	App-7		
Sales price asked	App-7		

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

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

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

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."

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A

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

Year moved into unit.—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

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

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

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

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

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

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

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

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

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

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

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

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

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

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

The statistics on rent exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

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

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

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

Gross rent as percentage of income.—The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

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

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

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

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

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

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

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

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

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

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

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

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

APPENDIX B—Continued

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

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p> <input type="radio"/> One <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer </p> <p>• <input type="checkbox"/> <input type="checkbox"/></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> <input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent? </p>	<p>FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width:100%; border-collapse: collapse;"> <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>	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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<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? _____ <input type="radio"/> No </p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></p>	<p>H10a. Is this building a <u>one-family house</u>?</p> <p> <input type="radio"/> Yes, a one-family house <input type="radio"/> No, a building for 2 or more families or a mobile home or trailer </p> <p>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p> <input type="radio"/> Yes, 10 acres or more <input type="radio"/> Yes, commercial establishment or medical office <input type="radio"/> No, none of the above </p>	<p>B. Type of unit or quarters</p> <p><u>Occupied</u></p> <p> <input type="radio"/> First form <input type="radio"/> Continuation </p> <p><u>Vacant</u></p> <p> <input type="radio"/> Regular <input type="radio"/> Usual residence elsewhere <input type="radio"/> Group quarters </p> <p> <input type="radio"/> First form <input type="radio"/> Continuation </p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p>																						
<p>H2. Do you enter your living quarters—</p> <p> <input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters? </p>	<p>H11. If you live in a <u>one-family house</u> 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 <input type="radio"/> \$5,000 to \$7,499 <input type="radio"/> \$7,500 to \$9,999 <input type="radio"/> \$10,000 to \$12,499 <input type="radio"/> \$12,500 to \$14,999 <input type="radio"/> \$15,000 to \$17,499 <input type="radio"/> \$17,500 to \$19,999 <input type="radio"/> \$20,000 to \$24,999 <input type="radio"/> \$25,000 to \$34,999 <input type="radio"/> \$35,000 to \$49,999 <input type="radio"/> \$50,000 or more </p> <div style="border: 1px solid black; padding: 2px; font-size: small;"> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> </div>	<p>C. Vacancy status</p> <p><u>Year round—</u></p> <p> <input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant </p> <p> <input type="radio"/> Seasonal <input type="radio"/> Migratory </p>																						
<p>H3. Do you have <u>complete</u> 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 <input type="radio"/> Yes, but also used by another household <input type="radio"/> No complete kitchen facilities for this household </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 <u>monthly rent</u>?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p> <input type="radio"/> Less than \$30 <input type="radio"/> \$30 to \$39 <input type="radio"/> \$40 to \$49 <input type="radio"/> \$50 to \$59 <input type="radio"/> \$60 to \$69 <input type="radio"/> \$70 to \$79 <input type="radio"/> \$80 to \$89 <input type="radio"/> \$90 to \$99 <input type="radio"/> \$100 to \$119 <input type="radio"/> \$120 to \$149 <input type="radio"/> \$150 to \$199 <input type="radio"/> \$200 to \$249 <input type="radio"/> \$250 to \$299 <input type="radio"/> \$300 or more </p>	<p>D. Months vacant</p> <p> <input type="radio"/> Less than 1 month <input type="radio"/> 1 up to 2 months <input type="radio"/> 2 up to 6 months <input type="radio"/> 6 up to 12 months <input type="radio"/> 1 year up to 2 years <input type="radio"/> 2 years or more </p>																						
<p>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"/> 2 rooms <input type="radio"/> 3 rooms <input type="radio"/> 4 rooms <input type="radio"/> 5 rooms <input type="radio"/> 6 rooms <input type="radio"/> 7 rooms <input type="radio"/> 8 rooms <input type="radio"/> 9 rooms or more </p>	<p>b. If rent is <u>not</u> 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>C/O <input type="radio"/> <input type="radio"/></p>																						
<p>H5. Is there hot and cold piped water in this building?</p> <p> <input type="radio"/> Yes, hot and cold piped water in this building <input type="radio"/> No, only cold piped water in this building <input type="radio"/> No piped water in this building </p>																								
<p>H6. Do you have a flush toilet?</p> <p> <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No flush toilet </p>																								
<p>H7. Do you have a bathtub or shower?</p> <p> <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No bathtub or shower </p>																								
<p>H8. Is there a basement in this building?</p> <p> <input type="radio"/> Yes <input type="radio"/> No, built on a concrete slab <input type="radio"/> No, built in another way (include mobile homes and trailers) </p>																								

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 checked="" type="checkbox"/> <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— <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>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>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 <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>H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom <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>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 checked="" type="radio"/> 1940 to 1949 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</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>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>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>H17. Is this building— <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>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="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$250 to \$2,499 <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.</p> <p>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 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>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>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <p>b. Which fuel is used most for house heating?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <p>c. Which fuel is used most for water heating?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></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"/> 3 bedrooms</p> <p><input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 2 bedrooms <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 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.

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

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

Vacant housing units:

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

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

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, con-

sistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

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

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

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than $2\frac{1}{2}$ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

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

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

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

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

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

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

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated $N/2$). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to $N/2$. Subtract this standard error from $N/2$. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between $N/2$ and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to $N/2$, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of $N/2$ and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

■ Series HC(1)-A.

GENERAL HOUSING CHARACTERISTICS

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

■ Series HC(1)-B.

DETAILED HOUSING CHARACTERISTICS

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

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III. BLOCK STATISTICS

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

Volume IV. COMPONENTS OF INVENTORY CHANGE

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

Volume V. RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, 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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10 SALES PRICE ASKED
AND RENT ASKED

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

LAWTON, OKLA.

STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-113

A large graphic for the 1970 Census of Housing. The background is a dark, textured pattern of vertical lines. In the center, the text "1970 CENSUS OF HOUSING" is written in large, bold, white, sans-serif capital letters. Below the text, there are several white silhouettes of houses of various shapes and sizes, arranged in a cluster. The houses have different rooflines, some with chimneys, and some with porches. The overall style is that of a government publication cover from the 1970s.

1970
CENSUS OF
HOUSING

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

BUREAU OF
THE CENSUS

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David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

Arthur F. Young, Chief

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.

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

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

LAWTON, OKLA.
STANDARD METROPOLITAN
STATISTICAL AREA

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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
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
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20	Baltimore, Md. SMSA	62	Duluth-Superior, Minn.-Wis. SMSA	104	La Crosse, Wis. SMSA
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38	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	122	Lowell, Mass. SMSA
39	Champaign-Urbana, Ill. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA	123	Lubbock, Tex. SMSA
40	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA	124	Lynchburg, Va. SMSA
41	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA	125	Macon, Ga. SMSA
42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	126	Madison, Wis. SMSA

Report number	Area	Report number	Area	Report number	Area
127	Manchester, N.H. SMSA	169	Pittsfield, Mass. SMSA	211	Springfield-Chicopee-Holyoke, Mass.- Conn. SMSA
128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Stamford, Conn. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, Oreg.-Wash. SMSA	213	Steubenville-Weirton, Ohio- W. Va. SMSA
130	Memphis, Tenn.-Ark. SMSA	172	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA	214	Stockton, Calif. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
132	Miami, Fla. SMSA	174	Pueblo, Colo. SMSA	216	Tacoma, Wash. SMSA
133	Midland, Tex. SMSA	175	Racine, Wis. SMSA	217	Tallahassee, Fla. SMSA
134	Milwaukee, Wis. SMSA	176	Raleigh, N.C. SMSA	218	Tampa-St. Petersburg, Fla. SMSA
135	Minneapolis-St. Paul, Minn. SMSA	177	Reading, Pa. SMSA	219	Terre Haute, Ind. SMSA
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137	Modesto, Calif. SMSA	179	Richmond, Va. SMSA	221	Toledo, Ohio-Mich. SMSA
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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
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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
146	New Haven, Conn. SMSA	188	Salem, Oreg. SMSA	230	Vineland-Millville-Bridgeton, N.J. SMSA
147	New London-Groton-Norwich, Conn. SMSA	189	Salinas-Monterey, Calif. SMSA	231	Waco, Tex. SMSA
148	New Orleans, La. SMSA	190	Salt Lake City, Utah SMSA	232	Washington, D.C.-Md.-Va. SMSA
149	New York, N.Y. SMSA	191	San Angelo, Tex. SMSA	233	Waterbury, Conn. SMSA
150	Newark, N.J. SMSA	192	San Antonio, Tex. SMSA	234	Waterloo, Iowa SMSA
151	Newport News-Hampton, Va. SMSA	193	San Bernardino-Riverside-Ontario, Calif. SMSA	235	West Palm Beach, Fla. SMSA
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, Puerto Rico SMSA
162	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, Puerto Rico SMSA
163	Peoria, Ill. SMSA	205	Sioux Falls, S. Dak. SMSA	247	Ponce, Puerto Rico SMSA
164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, Puerto Rico 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	—	—	—	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†	—	—

¹Vacant 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

Lawton, Okla.

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 113.]

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	—	—
Lawton	B	10 to 18	—	—

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

Counties, Standard Metropolitan Statistical Areas, and Selected Places

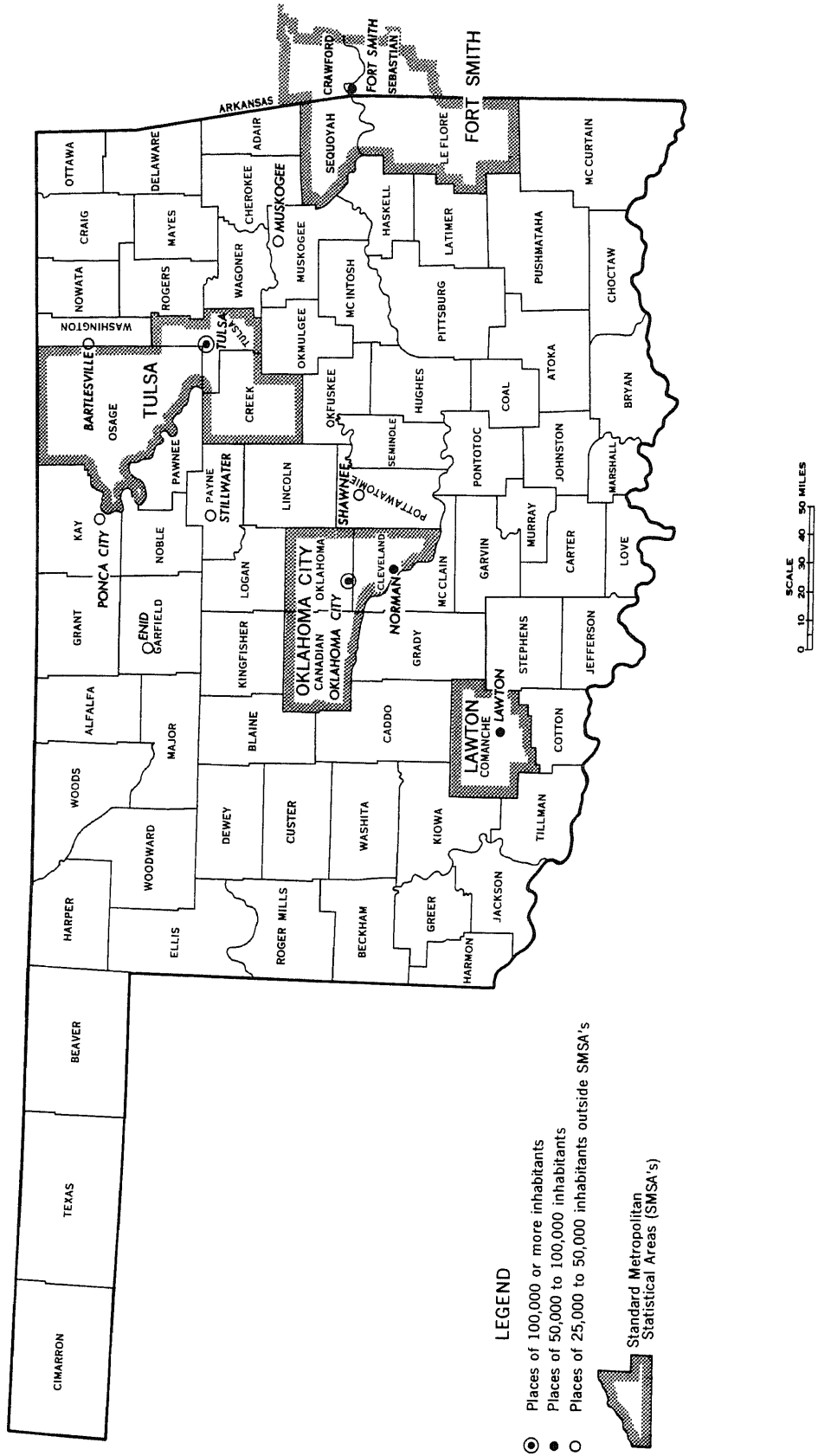


Table A-1. Value of Owner Occupied Housing Units: 1970

(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	14 091	924	1 038	1 643	2 526	2 471	3 192	1 055	718	382	142	13 400
ROOMS												
1 and 2 rooms	57	28	23	6	-	-	-	-	-	-	-	...
3 rooms	262	134	65	21	30	-	-	-	-	-	-	5 000
4 rooms	2 159	502	336	565	398	202	100	18	32	6	-	8 600
5 rooms	6 320	194	412	767	1 611	1 342	1 543	263	149	22	17	12 800
6 rooms	3 850	51	176	213	403	767	1 219	528	364	114	15	16 100
7 rooms	1 023	15	26	62	53	133	249	181	142	130	32	19 500
8 rooms or more	420	-	-	9	31	27	75	59	31	110	78	27 900
Median	5.2	4.1	4.7	4.8	5.0	5.3	5.5	6.0	6.0	6.9	7.5+	...
PERSONS												
1 person	1 677	296	251	265	299	177	214	71	54	39	11	10 200
2 persons	3 976	294	341	543	708	648	887	198	193	124	40	12 900
3 persons	2 646	132	158	328	475	497	627	184	153	71	21	13 700
4 persons	2 763	98	111	216	491	552	707	309	180	65	34	14 600
5 persons	1 595	36	69	134	295	325	406	183	66	55	26	14 500
6 persons or more	1 434	68	108	157	258	272	351	110	72	28	10	13 700
Median	3.0	2.1	2.3	2.5	3.0	3.3	3.3	3.7	3.2	2.9	3.5	...
Units with roomers, boarders, or lodgers	196	11	29	14	35	33	51	6	12	-	5	13 200
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 997	856	1 027	1 628	2 526	2 471	3 192	1 055	718	382	142	13 500
0.50 or less	6 506	515	589	852	1 077	986	1 340	397	376	277	97	13 100
0.51 to 1.00	6 511	261	341	622	1 226	1 299	1 687	621	309	105	40	14 100
1.01 to 1.50	837	55	61	148	183	177	144	31	33	-	5	12 100
1.51 or more	143	25	36	6	40	9	21	6	-	-	-	10 300
Lacking some or all plumbing facilities	94	68	11	15	-	-	-	-	-	-	-	...
0.50 or less	38	27	11	-	-	-	-	-	-	-	-	...
0.51 to 1.00	41	35	-	6	-	-	-	-	-	-	-	...
1.01 to 1.50	11	6	-	5	-	-	-	-	-	-	-	...
1.51 or more	4	-	-	4	-	-	-	-	-	-	-	...
BEDROOMS												
None and 1	657	332	119	105	61	-	40	-	-	-	-	5 000
2	4 144	577	580	664	863	727	504	147	63	19	-	10 700
3	8 164	107	284	546	1 445	1 616	2 437	863	553	251	62	15 100
4 or more	1 040	-	22	42	42	146	302	211	85	85	105	19 500
YEAR STRUCTURE BUILT												
1969 to March 1970	586	-	9	12	9	48	224	118	106	31	29	19 900
1965 to 1968	1 973	10	29	70	151	276	482	367	246	115	27	18 100
1960 to 1964	2 946	57	69	263	599	691	835	190	125	89	28	14 300
1950 to 1959	4 347	127	194	566	1 039	959	955	219	158	97	33	13 100
1940 to 1949	2 186	226	319	363	502	334	287	86	33	25	11	10 900
1939 or earlier	2 053	504	418	369	226	163	209	75	50	25	14	8 200
COMPLETE BATHROOMS												
1 and 1 1/2	11 309	779	1 040	1 639	2 440	2 258	2 412	472	195	57	17	12 300
2 and 2 1/2	2 416	30	14	67	77	164	703	534	508	253	66	21 400
3 or more	189	-	-	-	-	12	14	12	36	62	53	40 000
None or also used by another household	145	67	15	20	36	-	7	-	-	-	-	5 900
HOUSEHOLD COMPOSITION												
Two-or-more-person households	12 414	628	787	1 378	2 227	2 294	2 978	984	664	343	131	13 800
Male head, wife present, no nonrelatives	10 509	496	633	1 151	1 849	1 953	2 479	903	612	318	115	13 900
Under 25 years	287	14	25	54	32	47	80	10	5	-	-	12 400
25 to 34 years	2 166	34	85	231	426	450	610	249	65	20	16	14 300
35 to 44 years	2 631	53	142	173	454	582	662	288	198	60	19	14 600
45 to 64 years	4 358	240	255	517	729	751	999	303	298	205	61	14 000
65 years and over	1 067	155	126	176	188	143	128	53	46	33	19	11 000
Other male head	426	13	56	56	90	51	125	10	5	4	16	12 400
Under 65 years	381	13	47	51	79	41	125	10	-	4	11	12 500
65 years and over	45	-	9	5	11	10	-	-	5	-	-	...
Female head	1 479	119	98	171	288	290	374	71	47	21	-	13 000
Under 65 years	1 325	84	75	144	263	267	353	71	47	21	-	13 400
65 years and over	154	35	23	27	25	23	21	-	-	-	-	9 300
One-person households	1 677	296	251	265	299	177	214	71	54	39	11	10 200
Under 65 years	835	102	93	118	182	125	119	31	41	18	6	11 400
65 years and over	842	194	158	147	117	52	95	40	13	21	5	8 700
INCOME IN 1969												
Less than \$2,000	1 652	333	202	258	285	181	247	84	47	10	5	10 300
\$2,000 to \$2,999	771	141	125	152	133	58	120	19	23	-	-	9 500
\$3,000 to \$3,999	768	89	119	136	134	112	93	39	23	23	-	10 700
\$4,000 to \$4,999	587	53	91	74	168	79	83	9	25	5	-	11 100
\$5,000 to \$5,999	925	79	101	188	212	152	136	39	13	5	-	11 100
\$6,000 to \$6,999	1 179	53	105	225	281	242	209	21	25	18	-	11 800
\$7,000 to \$9,999	3 070	102	164	344	666	703	767	196	91	26	11	13 400
\$10,000 to \$14,999	3 260	62	117	215	524	682	972	377	175	101	35	15 100
\$15,000 to \$24,999	1 550	5	14	51	112	235	526	235	239	122	11	18 300
\$25,000 or more	329	7	-	-	11	27	39	36	57	72	80	32 800
Median	\$8 100	\$2 900	\$4 800	\$6 100	\$7 200	\$8 800	\$9 800	\$11 600	\$13 200	\$15 200	\$29 200	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 201	37	86	179	311	369	659	281	192	57	30	15 800
1968	1 314	45	28	161	199	185	356	173	95	57	15	15 400
1967	962	31	47	108	173	232	211	78	61	21	-	13 800
1965 and 1966	1 745	100	107	195	336	346	424	92	86	45	14	13 500
1960 to 1964	2 966	165	220	340	556	583	707	172	109	77	37	13 400
1950 to 1959	3 356	236	307	532	724	576	591	146	134	84	26	12 100
1949 or earlier	1 515	262	274	211	254	143	188	76	62	31	14	10 100
HEATING EQUIPMENT												
Steam or hot water	27	-	4	-	-	5	4	10	4	-	-	...
Warm-air furnace	6 484	37	70	146	722	1 154	2 431	856	607	333	128	17 000
Built-in electric units	274	-	-	31	67	36	76	16	25	23	-	15 200
Floor, wall, or pipeless furnace	4 244	121	346	868	1 342	926	472	101	53	10	5	11 500
Other means	3 062	766	618	598	395	350	209	72	29	16	9	8 100
None	-	-	-	-	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	6 638	401	510	921	1 642	1 537	1 231	289	80	27	-	12 300
Central system	4 142	6	24	46	225	460	1 582	717	625	338	119	19 100
None	3 279	469	535	759	686	437	323	12	34	7	17	9 600

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	11 985	548	467	800	1 065	2 034	1 760	1 857	1 581	315	15	1 543	103
ROOMS													
1 room	203	81	18	31	22	15	5	4	-	5	-	22	55
2 rooms	927	82	152	227	150	130	40	60	66	4	-	16	70
3 rooms	2 650	132	128	276	514	645	205	290	325	20	-	115	86
4 rooms	3 283	128	94	178	254	755	778	740	459	194	113	330	102
5 rooms	3 100	85	42	66	86	367	533	740	598	88	-	495	125
6 rooms	1 297	35	19	18	39	105	142	252	319	72	5	291	137
7 rooms	368	5	14	4	-	17	57	52	58	13	5	143	129
8 rooms or more	157	-	-	-	-	-	-	-	21	-	5	131	...
Median	4.0	3.3	3.0	3.0	3.2	3.8	4.3	4.7	4.8	4.7	...	5.1	...
PERSONS													
1 person	1 509	218	162	225	169	165	148	159	132	33	-	98	76
2 persons	4 121	114	185	327	480	921	623	649	474	114	-	234	98
3 persons	2 535	73	46	110	213	486	428	415	388	57	-	319	108
4 persons	1 623	45	29	74	70	232	238	239	295	45	10	346	116
5 persons	1 092	31	6	36	58	109	135	191	52	5	-	234	127
6 persons or more	1 105	67	39	28	75	121	188	160	101	14	-	312	107
Median	2.5	2.0	1.9	2.0	2.3	2.4	2.8	2.8	3.0	2.7	...	3.8	...
Units with roomers, boarders, or lodgers	298	13	32	12	27	42	54	38	42	33	5	-	109
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	11 713	420	450	767	1 053	2 014	1 760	1 844	1 581	315	15	1 494	105
0.50 or less	3 707	151	202	296	258	542	630	646	481	139	-	362	107
0.51 to 1.00	6 743	179	196	325	628	1 281	950	1 053	999	163	15	954	106
1.01 to 1.50	1 001	60	35	100	108	151	129	108	86	13	-	157	95
1.51 or more	262	30	17	46	59	39	19	16	15	-	-	21	75
Lacking some or all plumbing facilities	272	128	17	33	12	20	13	-	-	-	-	49	50--
0.50 or less	85	36	6	14	6	5	-	4	-	-	-	14	...
0.51 to 1.00	165	81	11	14	6	15	-	9	-	-	-	29	50--
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	22	11	-	5	-	-	-	-	-	-	-	6	...
BEDROOMS													
None	261	119	40	62	-	-	21	19	-	-	-	-	...
1	3 597	164	171	405	637	891	356	244	582	42	-	105	88
2	4 559	194	166	143	321	936	1 304	771	223	236	-	265	106
3 or more	3 576	67	69	107	92	225	484	805	878	21	21	807	133
YEAR STRUCTURE BUILT													
1969 to March 1970	410	5	10	4	12	9	10	99	173	66	10	12	164
1965 to 1968	1 353	219	56	23	30	63	100	260	377	161	5	59	138
1960 to 1964	1 792	-	3	29	19	163	198	404	491	47	-	438	140
1950 to 1959	3 814	26	70	201	263	728	767	732	464	36	-	527	169
1940 to 1949	2 102	63	121	195	301	562	470	240	59	-	-	91	91
1939 or earlier	2 514	235	207	348	440	509	215	122	17	5	-	416	76
ELEVATOR IN STRUCTURE													
4 floors or more	-	-	-	-	-	-	-	-	-	-	-	-	-
With elevator	-	-	-	-	-	-	-	-	-	-	-	-	-
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 3 floors	11 993	544	446	717	1 050	2 052	2 165	1 839	1 683	299	21	1 177	106
COMPLETE BATHROOMS													
1 and 1 1/2	10 683	433	461	783	1 046	1 999	1 554	1 777	1 383	151	-	1 096	101
2 or more	1 008	-	-	-	7	27	42	49	193	172	14	504	183
None or also used by another household	306	141	13	30	-	23	19	15	-	-	-	65	50--
INCOME IN 1969													
Less than \$2,000	1 403	230	109	216	142	194	147	117	119	32	-	97	77
\$2,000 to \$2,999	996	88	91	117	147	261	139	87	46	-	-	20	83
\$3,000 to \$3,999	1 239	61	81	155	171	375	190	99	61	5	-	41	86
\$4,000 to \$4,999	1 340	53	67	91	145	343	277	157	103	33	-	71	97
\$5,000 to \$5,999	1 523	42	49	72	184	288	289	288	111	20	-	180	103
\$6,000 to \$6,999	1 186	28	16	72	107	186	199	262	144	25	-	147	111
\$7,000 to \$9,999	2 218	37	41	48	112	232	340	489	407	68	5	439	125
\$10,000 to \$14,999	1 559	4	13	29	41	136	153	299	424	80	5	375	142
\$15,000 to \$24,999	471	5	-	-	11	19	22	45	160	35	5	169	165
\$25,000 or more	50	-	-	-	5	-	4	14	6	17	-	4	...
Median	\$5 400	\$2 500	\$3 400	\$3 400	\$4 500	\$4 500	\$5 400	\$6 700	\$8 500	\$8 900	...	\$8 500	...
YEAR MOVED INTO UNIT													
1969 to March 1970	9 415	328	331	642	831	1 650	1 293	1 567	1 413	297	14	1 049	106
1968	1 191	113	33	43	68	148	166	177	109	5	-	329	103
1967	284	14	40	7	19	57	43	35	26	-	-	43	89
1965 and 1966	445	21	-	38	68	115	71	25	13	7	-	87	87
1960 to 1964	378	62	56	57	54	47	14	24	-	-	-	64	67
1950 to 1959	199	36	14	26	6	25	28	13	7	14	-	30	82
1949 or earlier	85	-	-	-	7	7	-	-	8	-	-	63	...
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	445	111	54	48	63	69	42	39	6	13	-	...	72
10 to 14 percent	1 402	100	115	139	194	267	205	161	208	13	-	...	91
15 to 19 percent	1 918	63	64	125	263	370	311	342	339	41	-	...	105
20 to 24 percent	1 649	45	52	108	110	321	305	354	315	39	-	...	112
25 to 34 percent	2 435	108	73	149	205	492	455	568	289	86	10	...	108
35 percent or more	2 290	90	92	199	215	481	372	337	391	108	5	...	104
Not computed	1 846	31	17	32	15	34	70	56	33	15	-	1 543	106
AIR CONDITIONING													
Room unit(s)	5 341	72	139	291	436	894	882	1 042	823	37	-	725	111
Central system	1 855	107	35	5	12	93	144	149	494	278	14	524	162
None	4 801	395	300	517	605	1 062	589	650	259	8	-	416	87

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	16 581	1 991	921	917	782	1 144	1 423	3 645	3 646	1 712	400	7 900
ROOMS												
1 and 2 rooms	120	48	15	5	19	11	10	7	—	5	—	2 800
3 rooms	438	170	58	45	21	54	20	41	25	4	—	2 800
4 rooms	2 999	476	282	287	232	288	314	532	423	124	39	5 800
5 rooms	7 167	794	343	315	322	547	753	1 868	1 540	615	70	7 800
6 rooms	4 243	394	159	186	134	192	264	901	1 210	655	148	9 600
7 rooms or more	1 614	109	64	79	54	52	62	296	448	307	143	11 000
PERSONS												
1 person	2 026	917	271	197	127	75	95	242	50	47	5	2 400
2 persons	4 861	453	406	379	331	359	438	966	919	487	123	7 200
3 and 4 persons	6 278	421	161	271	236	429	520	1 472	1 781	803	184	9 200
5 persons	1 821	107	41	38	43	153	157	525	513	183	61	9 100
6 persons or more	1 595	93	42	32	45	128	213	440	383	192	27	8 700
Units with roomers, boarders, or lodgers	237	23	19	19	8	27	24	50	45	22	—	6 900
BEDROOMS												
Less than 3	6 297	1 184	570	563	283	540	519	1 261	962	327	88	6 000
3	9 089	869	348	309	251	652	783	2 242	2 429	991	215	8 800
4 or more	1 192	101	43	125	46	—	87	110	466	89	125	10 900
YEAR STRUCTURE BUILT												
1969 to March 1970	1 008	117	24	63	63	88	123	195	227	74	34	7 400
1960 to 1968	5 789	453	166	237	209	376	532	1 517	1 480	679	140	8 800
1950 to 1959	4 669	426	218	206	151	343	373	1 016	1 186	605	145	8 800
1949 or earlier	5 115	995	513	411	359	337	395	917	753	354	81	5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	2 992	356	133	169	119	282	290	673	684	240	46	7 700
1968	1 533	134	26	78	92	110	161	343	394	165	30	8 400
1960 to 1967	6 384	583	252	199	279	439	549	1 592	1 579	776	136	8 700
1959 or earlier	5 672	875	498	438	346	271	441	1 062	934	629	178	6 900
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	13 851	1 509	650	787	344	1 032	1 129	2 961	3 649	1 385	405	8 500
Clothes dryer	9 388	640	211	329	171	545	683	2 169	2 997	1 286	357	9 900
Dishwasher	4 465	233	100	83	124	157	198	728	1 675	898	269	11 800
Home food freezer	6 360	562	347	278	288	349	478	1 429	1 551	754	324	8 800
Owned second home	7 736	39	22	45	—	86	108	128	152	112	44	8 600
With air conditioning	12 328	1 161	518	520	569	655	1 020	2 820	3 047	1 652	366	8 800
Room unit(s)	7 835	866	423	372	429	468	765	1 815	1 755	834	108	8 000
Central system	4 493	295	95	148	140	187	255	1 005	1 292	818	258	10 500
Automobiles available:												
1	8 210	1 178	557	664	544	675	850	1 981	1 202	452	107	6 600
2	6 099	207	150	148	205	371	530	1 339	2 007	945	197	10 200
3 or more	1 160	16	29	12	28	32	40	223	300	401	79	13 300
Renter occupied housing units	12 246	1 426	1 016	1 262	1 367	1 568	1 218	2 257	1 596	486	50	5 700
ROOMS												
1 room	203	56	32	14	22	22	15	31	11	—	—	4 000
2 rooms	932	147	144	125	124	136	91	91	64	10	—	4 400
3 rooms	2 674	385	311	427	368	348	231	348	213	38	5	4 600
4 rooms	3 338	388	307	412	470	479	357	532	332	51	10	5 200
5 rooms	3 206	311	159	189	325	391	391	746	518	169	7	6 600
6 rooms or more	1 893	139	63	95	58	192	133	509	458	218	28	8 600
PERSONS												
1 person	1 532	502	202	192	139	119	124	162	71	17	4	3 300
2 persons	4 206	320	457	495	555	642	465	679	483	110	—	5 400
3 and 4 persons	4 235	411	261	436	462	537	338	855	689	228	18	6 000
5 persons	1 132	114	40	77	93	143	151	257	155	82	20	6 700
6 persons or more	1 141	79	56	62	118	127	140	304	198	49	8	6 900
Units with roomers, boarders, or lodgers	302	43	24	43	40	42	16	61	28	5	—	5 000
BEDROOMS												
None	261	100	39	44	38	21	—	19	—	—	—	—
1	3 661	485	370	476	493	583	310	413	464	67	—	5 000
2	4 656	457	468	595	442	753	588	785	550	—	18	5 500
3 or more	3 746	345	116	139	196	367	231	904	1 004	404	40	8 600
YEAR STRUCTURE BUILT												
1969 to March 1970	410	23	37	16	68	34	63	77	65	27	—	6 400
1960 to 1968	3 165	291	168	213	277	295	310	760	621	213	17	7 100
1950 to 1959	3 851	365	253	370	502	528	362	792	523	128	28	5 800
1949 or earlier	4 820	747	558	663	520	711	483	628	387	118	5	4 900
YEAR MOVED INTO UNIT												
1969 to March 1970	9 502	976	782	1 045	1 218	1 262	1 000	1 730	1 105	356	28	5 600
1968	1 218	131	113	82	86	89	120	297	222	65	13	6 900
1960 to 1967	1 200	253	102	124	90	141	103	195	129	57	6	5 200
1959 or earlier	326	82	18	20	39	20	31	64	30	22	—	5 200
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	11 985	1 403	996	1 239	1 340	1 523	1 186	2 218	1 559	471	50	5 700
Less than 15 percent	1 847	4	10	28	103	129	204	487	578	258	46	9 700
15 to 19 percent	1 918	—	30	85	163	361	239	541	460	39	—	7 400
20 to 24 percent	1 649	—	63	162	261	285	229	534	115	—	—	6 200
25 to 34 percent	2 435	105	253	531	524	449	333	204	31	5	—	4 600
35 percent or more	2 290	894	620	392	218	119	34	13	—	—	—	2 400
Not computed	1 846	400	20	41	71	180	147	439	375	169	4	7 400
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	5 816	506	326	381	461	585	554	1 335	1 227	383	58	7 200
Clothes dryer	3 236	115	39	81	142	243	401	880	975	321	39	9 000
Dishwasher	1 670	80	21	21	70	91	94	309	765	219	—	11 000
Home food freezer	2 022	136	63	150	121	310	267	394	410	153	18	6 900
Owned second home	585	19	22	43	—	67	23	163	96	85	—	7 900
With air conditioning	7 318	608	446	650	750	820	723	1 685	1 164	430	42	6 500
Room unit(s)	5 455	457	377	583	603	697	576	1 161	764	223	14	6 000
Central system	1 863	151	69	67	147	123	147	524	400	207	28	8 300
Automobiles available:												
1	8 340	749	688	952	1 089	1 164	942	1 609	916	208	23	5 600
2	2 236	100	62	108	192	245	196	556	501	252	24	8 200
3 or more	178	21	6	—	13	8	14	20	64	32	—	10 500

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	16 581	16 381	7 717	7 524	967	173	200	99	62	35	4
PERSONS											
1 person	2 026	1 962	1 937	25	-	-	64	58	6	-	-
2 persons	4 861	4 811	4 646	154	-	11	50	41	9	-	-
3 persons	3 108	3 098	1 010	2 088	-	-	10	-	10	-	-
4 persons	3 170	3 145	101	3 025	-	-	25	-	25	-	-
5 persons	1 821	1 805	23	1 647	119	16	16	-	6	10	-
6 persons or more	1 595	1 560	-	585	829	146	35	-	6	25	4
Median	3.0	3.0	1.9	4.0	6.3	7.5+	2.2	...	...	...	...
Units with roomers, boarders, or lodgers	237	231	89	116	21	5	6	-	-	6	-
YEAR STRUCTURE BUILT											
1969 to March 1970	1 029	1 029	425	557	35	12	-	-	-	-	-
1965 to 1968	2 407	2 389	690	1 529	146	24	18	-	18	-	-
1960 to 1964	3 265	3 256	1 041	1 881	318	16	9	-	9	-	-
1950 to 1959	4 788	4 768	2 209	2 242	288	29	20	12	8	-	-
1940 to 1949	2 510	2 481	1 584	796	76	25	29	9	4	8	6
1939 or earlier	2 582	2 471	1 791	608	37	35	111	65	30	16	6
INCOME IN 1969											
Less than \$2,000	1 991	1 932	1 335	483	114	-	59	37	22	-	-
\$2,000 to \$2,999	921	890	674	180	32	4	31	26	5	-	-
\$3,000 to \$3,999	917	899	587	291	21	-	18	6	-	12	-
\$4,000 to \$4,999	782	768	457	281	20	10	14	-	14	-	-
\$5,000 to \$5,999	1 144	1 123	442	549	81	51	21	-	6	-	-
\$6,000 to \$6,999	1 423	1 414	568	704	131	11	9	5	4	-	4
\$7,000 to \$9,999	3 645	3 609	1 351	1 922	294	42	36	19	11	6	-
\$10,000 to \$14,999	3 646	3 634	1 320	2 086	184	44	12	6	-	6	-
\$15,000 to \$24,999	1 712	1 712	743	873	85	11	-	-	-	-	-
\$25,000 or more	400	400	240	155	5	-	-	-	-	-	-
Median	\$7 900	\$8 000	\$6 600	\$9 000	\$7 900	\$7 800	\$3 600	...	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied¹											
Less than 1.5	14 091	13 997	6 506	6 511	837	143	94	38	41	11	4
1.5 to 1.9	5 482	5 439	2 155	2 793	404	87	43	6	31	6	-
2.0 to 2.4	2 789	2 776	1 144	1 434	167	31	13	9	-	-	4
2.5 to 2.9	1 697	1 686	667	905	95	19	11	6	5	-	-
3.0 to 3.9	940	930	465	432	33	-	10	-	5	5	-
4.0 or more	898	898	328	332	32	6	-	-	-	-	-
Not computed	1 941	1 924	1 387	469	68	-	17	17	-	-	-
344	344	160	146	38	-	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water	36	36	32	4	-	-	-	-	-	-	-
Warm-air furnace	7 699	7 694	3 093	4 107	437	57	5	-	5	-	-
Built-in electric units	328	328	149	164	9	6	-	-	-	-	-
Floor, wall, or pipeless furnace	4 691	4 670	2 388	1 941	309	32	21	11	10	-	-
Other means	3 827	3 653	2 055	1 308	212	78	174	88	47	35	4
None	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	12 246	11 947	3 826	6 832	1 027	262	299	85	169	9	36
PERSONS											
1 person	1 532	1 400	1 334	66	-	-	132	70	62	-	-
2 persons	4 206	4 136	2 096	1 992	-	48	70	15	38	-	17
3 persons	2 560	2 536	357	2 062	107	10	24	-	24	-	-
4 persons	1 675	1 647	29	1 494	99	25	28	-	23	5	-
5 persons	1 132	1 102	10	883	168	41	30	-	17	4	9
6 persons or more	1 141	1 126	-	335	653	138	15	-	5	-	10
Median	2.7	2.7	1.8	3.2	6.0	6.0	1.8	...	2.1	...	...
Units with roomers, boarders, or lodgers	302	302	73	181	38	10	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	395	395	140	250	5	-	-	-	-	-	-
1965 to 1968	1 433	1 422	467	805	117	33	11	11	-	-	-
1960 to 1964	1 843	1 839	384	1 168	274	13	4	-	4	-	-
1950 to 1959	3 836	3 819	1 237	2 215	284	83	17	-	11	-	6
1940 to 1949	2 064	2 039	741	1 039	229	50	5	5	-	-	-
1939 or earlier	2 675	2 454	916	1 280	171	87	221	64	122	7	28
INCOME IN 1969											
Less than \$2,000	1 426	1 320	578	609	98	35	106	39	56	-	11
\$2,000 to \$2,999	1 016	963	362	491	88	22	53	22	19	-	12
\$3,000 to \$3,999	1 262	1 228	409	641	145	33	34	15	14	-	5
\$4,000 to \$4,999	1 367	1 350	398	776	139	37	17	-	5	9	3
\$5,000 to \$5,999	1 568	1 545	461	932	119	33	23	5	18	-	-
\$6,000 to \$6,999	1 218	1 202	411	655	111	25	16	-	16	-	-
\$7,000 to \$9,999	2 257	2 236	576	1 428	203	29	21	-	21	-	-
\$10,000 to \$14,999	1 596	1 567	470	961	93	43	29	4	20	-	5
\$15,000 to \$24,999	486	486	153	305	28	-	-	-	-	-	-
\$25,000 or more	50	50	8	34	3	5	-	-	-	-	-
Median	\$5 700	\$5 700	\$5 400	\$6 000	\$5 400	\$5 100	\$2 800	...	\$3 700	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied²											
Less than 10 percent	11 985	11 713	3 707	6 743	1 001	262	272	85	165	-	22
10 to 14 percent	445	406	102	238	35	31	39	5	29	-	5
15 to 19 percent	1 402	1 366	376	852	86	52	36	4	21	-	11
20 to 24 percent	1 918	1 904	580	1 091	188	45	14	4	10	-	-
25 to 34 percent	1 649	1 634	513	1 010	102	9	15	5	10	-	-
35 percent or more	2 435	2 381	803	1 254	259	65	54	32	22	-	-
Not computed	2 290	2 236	881	1 177	144	34	54	21	33	-	-
1 846	1 786	452	1 121	187	26	60	14	40	-	-	6
HEATING EQUIPMENT											
Steam or hot water	-	-	-	-	-	-	-	-	-	-	-
Warm-air furnace	378	378	133	233	12	-	-	-	-	-	-
Built-in electric units	2 685	2 663	726	1 680	220	37	22	-	16	-	6
Floor, wall, or pipeless furnace	874	874	264	533	66	11	-	-	-	-	-
Other means	3 992	3 947	1 273	2 307	302	65	45	10	35	-	-
None	4 312	4 085	1 430	2 079	427	149	227	75	118	4	30
5	-	-	-	-	-	-	5	-	-	5	-

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

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

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

The SMSA

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	16 581	42	78	438	2 999	7 167	4 243	1 132	482	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access.....	16 309	40	66	334	2 950	7 057	4 270	1 124	468	5.2
PERSONS										
1 person.....	2 026	31	50	176	576	758	289	105	41	4.7
2 persons.....	4 861	11	28	135	1 238	2 124	978	252	95	5.0
3 persons.....	3 108	--	--	69	557	1 472	775	182	53	5.1
4 persons.....	3 170	--	--	19	384	1 422	983	261	101	5.3
5 persons.....	1 821	--	--	16	129	817	626	145	88	5.4
6 persons or more.....	1 595	--	--	23	115	574	592	187	104	5.6
Median.....	3.0	...	...	1.8	2.2	3.0	3.6	3.6	4.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	16 381	36	55	426	2 929	7 120	4 207	1 126	482	5.2
0.50 or less.....	7 717	--	32	172	1 778	2 852	2 031	539	313	5.2
0.51 to 1.00.....	7 524	25	23	200	917	3 694	1 939	566	160	5.2
1.01 to 1.50.....	967	--	--	19	183	518	222	21	4	5.0
1.51 or more.....	173	11	--	35	51	56	15	--	5	4.3
Lacking some or all plumbing facilities	200	6	23	12	70	47	36	6	--	4.3
0.50 or less.....	99	--	18	4	36	30	11	--	--	...
0.51 to 1.00.....	62	6	5	4	24	17	6	--	--	...
1.01 to 1.50.....	35	--	--	--	10	--	19	6	--	...
1.51 or more.....	4	--	--	4	--	--	--	--	--	...
BEDROOMS										
None and 1.....	845	21	84	395	244	82	--	19	--	3.3
2.....	5 452	--	--	272	2 333	2 283	416	148	--	4.6
3.....	9 089	--	--	--	263	4 825	3 248	544	209	5.4
4 or more.....	1 192	--	--	--	--	21	457	425	289	6.8
YEAR STRUCTURE BUILT										
1969 to March 1970.....	1 008	5	10	25	277	345	216	90	40	5.0
1960 to 1968.....	5 789	12	4	88	547	2 967	1 597	408	166	5.3
1950 to 1959.....	4 669	7	23	61	851	2 092	1 232	292	111	5.2
1949 or earlier.....	5 115	18	41	264	1 324	1 763	1 198	342	165	5.0
COMPLETE BATHROOMS										
1 and 1 1/2.....	13 523	40	66	309	2 816	6 478	3 083	600	131	5.0
2 or more.....	2 803	--	--	35	134	586	1 187	524	337	6.0
None or also used by another household.....	255	11	11	11	91	88	34	9	--	4.5
VALUE-INCOME RATIO										
Specified owner occupied ¹	14 091	25	32	262	2 159	6 320	3 850	1 023	420	5.2
Less than 1.5.....	5 482	13	--	71	1 037	2 482	1 430	308	141	5.2
1.5 to 1.9.....	2 789	5	--	15	302	1 345	848	224	50	5.3
2.0 to 2.9.....	2 637	--	14	54	337	1 214	714	204	100	5.3
3.0 or more.....	2 839	7	18	115	436	1 082	783	269	129	5.3
Not computed.....	344	--	--	7	47	197	75	18	--	5.1
Renter occupied housing units	12 246	203	932	2 674	3 338	3 206	1 346	387	160	4.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access.....	11 887	112	905	2 607	3 233	3 084	1 400	374	172	4.2
PERSONS										
1 person.....	1 532	128	322	557	336	152	30	4	3	3.1
2 persons.....	4 206	65	467	1 563	1 231	671	164	37	8	3.5
3 persons.....	2 560	10	107	387	1 001	698	270	60	27	4.3
4 persons.....	1 675	--	25	104	479	727	231	80	29	4.8
5 persons.....	1 132	--	11	39	172	555	259	56	40	5.1
6 persons or more.....	1 141	--	--	24	119	403	392	150	53	5.6
Median.....	2.7	1.3	1.8	2.0	2.6	3.6	4.4	4.7	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	11 947	124	872	2 599	3 298	3 178	1 334	382	160	4.2
0.50 or less.....	3 826	--	278	540	1 548	818	464	101	77	4.2
0.51 to 1.00.....	6 832	66	451	1 911	1 463	1 962	658	238	83	4.2
1.01 to 1.50.....	1 027	--	107	99	257	323	198	43	--	4.7
1.51 or more.....	262	58	36	49	30	75	14	--	--	3.3
Lacking some or all plumbing facilities	299	79	60	75	40	5	12	5	--	2.6
0.50 or less.....	85	--	44	17	19	5	--	--	--	...
0.51 to 1.00.....	169	62	16	39	17	18	12	5	--	2.7
1.01 to 1.50.....	9	--	--	5	4	--	--	--	--	...
1.51 or more.....	36	17	--	14	--	5	--	--	--	...
BEDROOMS										
None.....	261	140	121	--	--	--	--	--	--	...
1.....	3 661	--	746	2 520	311	84	--	--	--	2.9
2.....	4 656	--	--	207	3 037	1 248	145	19	--	4.2
3 or more.....	3 746	--	--	--	49	2 088	1 076	397	136	5.4
YEAR STRUCTURE BUILT										
1969 to March 1970.....	410	--	24	225	107	27	13	9	5	3.3
1960 to 1968.....	3 165	12	139	637	570	1 189	500	95	23	4.7
1950 to 1959.....	3 851	60	224	558	1 434	1 014	495	61	5	4.3
1949 or earlier.....	4 820	131	545	1 254	1 227	976	338	222	127	3.9
COMPLETE BATHROOMS										
1 and 1 1/2.....	10 894	140	905	2 588	3 147	2 825	1 027	245	17	4.1
2 or more.....	1 021	--	--	19	86	259	373	129	155	5.9
None or also used by another household.....	331	73	41	92	63	41	10	11	--	3.1
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	11 985	203	927	2 650	3 283	3 100	1 297	368	157	4.2
Less than 10 percent.....	445	21	49	97	107	94	63	14	--	4.0
10 to 14 percent.....	1 402	49	179	331	315	327	152	49	--	4.0
15 to 19 percent.....	1 918	21	147	438	478	536	241	50	7	4.2
20 to 24 percent.....	1 649	14	143	390	445	425	192	36	4	4.1
25 to 34 percent.....	2 435	28	222	566	814	604	149	42	10	4.0
35 percent or more.....	2 290	41	160	684	707	505	158	30	5	3.9
Not computed.....	1 846	29	27	144	417	609	342	147	131	5.0

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	16 581	15 211	286	1 084	12 246	7 025	2 173	659	421	777	752	439
ROOMS												
1 room	42	31	-	11	203	79	20	12	21	42	23	6
2 rooms	78	37	5	36	932	347	154	126	104	89	89	23
3 rooms	438	275	36	127	2 674	934	545	209	182	345	330	129
4 rooms	2 999	2 360	88	551	3 338	1 748	685	181	69	201	236	218
5 rooms	7 167	6 768	83	316	3 206	2 555	400	28	35	59	70	59
6 rooms	4 243	4 147	53	43	1 346	1 056	226	15	10	35	4	-
7 rooms	1 132	1 121	11	-	387	214	117	46	-	6	-	4
8 rooms or more	482	472	10	-	160	92	26	42	-	-	-	-
Median	5.2	5.2	4.7	4.2	4.2	4.7	4.0	3.4	3.0	3.2	3.3	3.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	16 381	15 046	260	1 075	11 947	6 899	2 153	644	368	728	716	439
0.50 or less	7 717	7 132	169	416	3 826	2 267	586	193	87	208	325	160
0.51 to 1.00	7 524	6 895	61	568	6 832	3 791	1 320	389	261	466	361	244
1.01 to 1.50	967	871	25	71	1 027	659	221	36	15	50	17	29
1.51 or more	173	148	5	20	262	182	26	26	5	4	13	6
Lacking some or all plumbing facilities	200	165	26	9	299	126	20	15	53	49	36	-
0.50 or less	99	75	20	4	85	36	-	4	15	11	19	-
0.51 to 1.00	62	57	-	5	169	56	15	11	32	38	17	-
1.01 to 1.50	35	29	6	-	9	9	-	-	-	-	-	-
1.51 or more	4	4	-	-	36	25	5	-	6	-	-	-
BEDROOMS												
None	41	21	20	-	261	105	-	62	19	56	19	-
1	804	682	38	84	3 661	1 336	651	408	270	373	542	81
2	5 452	4 604	194	654	4 656	2 591	1 014	206	20	326	235	264
3	9 089	8 600	102	387	3 188	2 625	368	120	29	46	-	-
4 or more	1 192	1 192	-	-	558	303	213	42	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	1 008	607	11	390	410	45	23	9	29	88	173	43
1965 to 1968	2 496	2 052	32	412	1 373	443	110	15	94	272	314	125
1960 to 1964	3 293	3 099	11	183	1 792	1 032	438	6	-	54	134	128
1950 to 1959	4 669	4 578	37	54	3 851	2 405	847	119	79	219	57	125
1940 to 1949	2 435	2 359	47	29	2 144	1 496	352	154	50	35	43	14
1939 or earlier	2 680	2 516	148	16	2 676	1 604	403	356	169	109	31	4
INCOME IN 1969												
Less than \$2,000	1 991	1 817	75	99	1 426	853	201	95	65	108	47	57
\$2,000 to \$2,999	921	833	32	56	1 016	510	172	84	64	82	50	54
\$3,000 to \$3,999	917	834	9	74	1 262	687	219	85	56	94	58	63
\$4,000 to \$4,999	782	661	33	88	1 367	736	237	82	67	74	111	60
\$5,000 to \$5,999	1 144	980	5	159	1 568	881	275	109	54	115	71	63
\$6,000 to \$6,999	1 423	1 250	10	163	1 218	712	231	51	12	102	67	43
\$7,000 to \$9,999	3 645	3 281	63	301	2 257	1 291	492	57	69	124	156	68
\$10,000 to \$14,999	3 646	3 478	54	114	1 596	989	259	76	28	68	156	20
\$15,000 to \$24,999	1 712	1 687	-	25	486	329	83	15	6	10	32	11
\$25,000 or more	400	390	5	5	50	37	4	5	-	-	4	-
Median	\$7 900	\$8 100	\$4 800	\$6 400	\$5 700	\$5 800	\$5 900	\$4 800	\$4 400	\$5 300	\$6 600	\$4 800
YEAR MOVED INTO UNIT												
1969 to March 1970	2 992	2 301	39	652	9 502	5 116	1 758	490	356	720	631	431
1968	1 533	1 363	6	164	1 218	690	288	75	49	36	70	10
1967	1 162	1 012	12	138	311	268	24	8	5	-	6	-
1965 and 1966	1 898	1 825	27	46	481	418	34	-	-	-	15	14
1960 to 1964	3 324	3 215	33	76	408	311	40	18	12	14	7	6
1950 to 1959	3 622	3 553	69	-	181	140	24	-	17	-	-	-
1949 or earlier	2 050	1 954	75	21	145	118	10	-	11	-	6	-
GROSS RENT												
Specified renter occupied ¹ .....	...	...	...	...	11 985	6 764	2 173	659	421	777	752	439
Less than \$50 .....	...	...	...	...	548	217	92	27	42	98	68	4
\$50 to \$59 .....	...	...	...	...	467	294	65	24	23	30	16	15
\$60 to \$69 .....	...	...	...	...	800	479	135	60	22	63	11	30
\$70 to \$79 .....	...	...	...	...	1 065	553	202	183	46	21	15	45
\$80 to \$99 .....	...	...	...	...	2 034	1 146	410	167	79	116	30	86
\$100 to \$119 .....	...	...	...	...	1 760	1 048	383	56	53	95	40	85
\$120 to \$149 .....	...	...	...	...	1 857	1 191	197	35	62	141	115	116
\$150 to \$199 .....	...	...	...	...	1 581	1 002	56	5	42	177	283	16
\$200 to \$299 .....	...	...	...	...	315	132	19	4	-	16	144	-
\$300 or more .....	...	...	...	...	15	10	-	-	-	5	-	-
No cash rent .....	...	...	...	...	1 543	692	614	98	52	15	30	42
Median .....	...	...	...	...	\$103	\$107	\$94	\$79	\$88	\$111	\$162	\$104
HEATING EQUIPMENT												
Steam or hot water	36	31	5	-	378	151	113	114	-	-	-	-
Varm-air furnace	7 699	6 784	65	850	2 685	1 537	615	20	82	55	131	245
oil-in electric units	328	323	-	5	874	143	46	15	52	290	322	6
or, wall, or pipeless furnace	4 691	4 464	86	141	3 992	2 502	629	292	109	276	79	105
other means	3 827	3 609	130	88	4 312	2 687	770	218	178	156	220	83
None	-	-	-	-	5	5	-	-	-	-	-	-
R CONDITIONING												
Room unit(s)	7 835	7 152	164	519	5 455	3 129	827	357	223	340	350	229
Central system	4 493	4 306	13	174	1 863	696	451	5	76	275	337	23
None	4 253	3 765	84	404	4 928	3 236	900	229	151	155	48	209
AUTOMOBILES AVAILABLE												
1	8 210	7 343	138	729	8 340	4 650	1 491	411	311	568	534	375
2	6 099	5 738	53	308	2 236	1 497	378	73	56	75	113	44
3 or more	1 160	1 114	23	23	178	123	24	16	-	7	8	-
None	1 112	1 028	47	37	1 492	791	285	91	83	120	80	42

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	16 581	555	2 561	2 973	4 972	1 279	466	54	1 499	196	1 020	1 006
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	16 381	550	2 551	2 967	4 920	1 253	460	54	1 473	191	999	963
0.50 or less	7 717	186	428	393	2 845	1 030	212	34	516	136	981	956
0.51 to 1.00	7 524	347	1 818	2 128	1 876	223	235	15	813	44	18	7
1.01 to 1.50	967	12	265	362	173	--	9	5	136	5	--	--
1.51 or more	173	5	40	84	26	--	4	--	8	6	--	--
Lacking some or all plumbing facilities	200	5	10	6	52	26	6	--	26	5	21	43
0.50 or less	99	--	--	--	19	11	6	--	--	5	15	43
0.51 to 1.00	62	--	10	6	16	4	--	--	20	--	6	--
1.01 to 1.50	35	5	--	--	17	7	--	--	6	--	--	--
1.51 or more	4	--	--	--	--	4	--	--	--	--	--	--
UNITS IN STRUCTURE												
1	15 211	287	2 206	2 803	4 810	1 256	436	54	1 379	174	902	904
2 or more	286	11	21	26	40	18	6	--	48	17	21	78
Mobile home or trailer	1 084	257	334	144	122	5	24	--	72	5	97	24
INCOME IN 1969												
Less than \$2,000	1 991	51	35	40	139	225	24	--	535	25	261	656
\$2,000 to \$2,999	921	34	27	20	155	219	28	4	105	58	114	157
\$3,000 to \$3,999	917	85	40	26	189	149	39	10	159	23	139	58
\$4,000 to \$4,999	782	39	100	58	194	98	26	9	102	29	79	48
\$5,000 to \$5,999	1 144	64	254	208	316	61	28	--	133	5	61	14
\$6,000 to \$6,999	1 423	74	305	281	364	110	62	5	103	24	81	14
\$7,000 to \$9,999	3 645	132	780	869	1 096	156	156	5	183	16	217	25
\$10,000 to \$14,999	3 646	67	786	1 020	1 383	136	72	10	111	11	34	16
\$15,000 to \$24,999	1 712	4	202	410	869	85	26	6	58	5	29	18
\$25,000 or more	400	5	32	41	267	30	5	5	10	--	5	--
Median	\$7 900	\$6 100	\$9 000	\$9 900	\$10 100	\$4 500	\$7 500	...	\$3 700	\$3 700	\$4 000	\$2000--
VALUE-INCOME RATIO												
Specified owner occupied ¹	14 091	287	2 166	2 631	4 358	1 067	381	45	1 325	154	835	842
Less than 1.5	5 482	96	926	1 240	2 330	269	125	21	226	38	165	47
1.5 to 1.9	2 789	66	562	594	917	179	114	5	142	34	139	37
2.0 to 2.4	1 697	28	365	439	393	122	37	--	150	19	92	52
2.5 to 2.9	940	21	125	146	222	53	36	4	118	13	86	116
3.0 to 3.9	898	29	108	85	203	134	17	5	124	20	91	82
4.0 or more	1 941	32	80	118	276	288	52	10	369	26	212	478
Not computed	344	15	--	9	17	22	--	--	196	4	51	30
Renter occupied housing units	12 246	3 646	2 890	1 412	792	145	437	17	1 289	86	1 215	317
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	11 947	3 593	2 877	1 393	761	129	431	17	1 265	81	1 124	276
0.50 or less	3 826	894	570	143	273	63	129	9	368	43	1 069	265
0.51 to 1.00	6 832	2 495	1 994	891	386	61	260	5	645	29	55	11
1.01 to 1.50	1 027	129	276	294	77	--	28	3	216	4	--	--
1.51 or more	262	75	37	65	25	5	14	--	36	5	--	--
Lacking some or all plumbing facilities	299	53	13	19	31	16	6	--	24	5	91	41
0.50 or less	85	5	--	--	--	5	--	--	--	5	41	29
0.51 to 1.00	169	37	13	14	11	11	3	--	18	--	50	12
1.01 to 1.50	9	--	--	--	9	--	--	--	--	--	--	--
1.51 or more	36	11	--	5	11	--	3	--	6	--	--	--
UNITS IN STRUCTURE												
1	7 025	1 599	1 906	895	582	98	259	17	842	62	581	184
2 to 4	2 832	1 009	633	431	166	19	67	--	214	24	202	67
5 to 19	1 198	559	139	55	28	17	29	--	105	--	232	34
20 or more	752	232	142	9	16	11	65	--	87	--	167	23
Mobile home or trailer	439	247	70	22	--	--	17	--	41	--	33	9
GROSS RENT												
Specified renter occupied ²	11 985	3 600	2 835	1 371	736	130	425	12	1 281	86	1 195	314
Less than \$50	548	56	27	27	40	25	9	4	126	16	120	98
\$50 to \$59	467	115	33	16	20	5	29	8	66	13	116	46
\$60 to \$69	800	281	80	15	53	19	44	--	65	18	163	62
\$70 to \$79	1 065	496	125	50	34	27	26	--	133	5	127	42
\$80 to \$99	2 034	982	338	122	122	10	64	--	210	21	159	6
\$100 to \$119	1 760	613	418	210	94	22	65	--	186	4	135	13
\$120 to \$149	1 857	601	518	225	75	--	69	--	206	4	159	--
\$150 to \$199	1 581	342	619	179	71	6	32	--	200	--	121	11
\$200 to \$299	315	39	120	--	22	--	46	--	55	--	33	--
\$300 or more	15	--	10	--	--	--	5	--	--	--	--	--
No cash rent	1 543	75	557	517	205	16	36	--	34	5	62	36
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	11 985	3 600	2 835	1 371	736	130	425	12	1 281	86	1 195	314
Less than \$5,000	4 978	1 776	546	177	138	88	165	5	991	65	716	311
Less than 20 percent	423	150	48	6	16	16	13	--	79	--	70	25
20 to 24 percent	486	191	56	20	21	10	10	5	59	11	85	18
25 to 34 percent	1 413	638	206	46	37	20	34	--	185	18	170	59
35 percent or more	2 124	737	186	63	50	27	92	--	475	25	304	165
Not computed	532	60	50	42	14	15	16	--	193	11	87	44
\$5,000 to \$9,999	4 927	1 513	1 438	790	296	36	208	7	233	16	390	--
Less than 20 percent	1 961	722	456	249	151	19	67	7	82	16	192	--
20 to 24 percent	1 048	422	328	89	43	5	54	--	55	--	52	--
25 to 34 percent	986	316	306	136	19	6	45	--	51	--	107	--
35 percent or more	166	26	50	19	5	--	20	--	33	--	26	--
Not computed	766	27	298	297	78	6	22	--	12	--	68	3
\$10,000 to \$14,999	1 559	269	677	258	206	--	42	--	36	--	48	--
Less than 20 percent	1 038	246	425	132	140	--	21	--	26	--	48	--
20 to 24 percent	115	13	65	--	8	--	6	--	4	--	16	3
25 percent or more	31	--	10	5	--	--	6	--	6	--	4	--
Not computed	375	10	177	121	58	--	9	--	--	--	26	--
\$15,000 or more	521	42	174	146	96	6	10	--	21	5	21	--
Less than 20 percent	343	42	133	72	33	6	10	--	21	5	21	--
20 to 24 percent	--	--	--	--	--	--	--	--	--	--	--	--
25 percent or more	5	--	--	5	--	--	--	--	--	--	--	--
Not computed	173	--	41	69	63	--	--	--	--	--	--	--

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	16 581	2 026	4 861	3 108	3 170	1 821	947	427	221	3.0
BEDROOMS										
None and 1	845	381	347	60	—	16	41	—	—	1.6
2	5 452	1 169	2 481	861	464	249	161	67	—	2.1
3	9 089	557	1 780	2 060	2 333	1 334	563	269	193	3.6
4 or more	1 192	79	152	63	262	215	276	103	42	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970	1 008	73	267	223	224	152	41	21	7	3.2
1965 to 1968	2 496	90	437	490	605	365	171	78	60	3.6
1960 to 1964	3 293	181	686	657	784	511	247	149	78	3.7
1950 to 1959	4 669	445	1 453	967	876	483	294	122	29	3.0
1940 to 1939	2 435	453	463	272	463	150	89	28	23	2.3
1939 or earlier	2 680	784	1 061	308	209	160	105	29	24	2.0
UNITS IN STRUCTURE										
1	15 211	1 806	4 426	2 848	2 928	1 689	902	395	217	3.0
2 or more	286	99	81	42	22	17	10	11	4	2.0
Mobile home or trailer	1 084	121	354	218	220	115	35	21	—	2.8
COMPLETE BATHROOMS										
1 and 1 1/2	13 523	1 724	4 111	2 572	2 447	1 426	758	323	162	2.9
2 and 2 1/2	2 587	195	632	471	674	377	138	68	32	3.5
3 or more	216	21	39	50	59	28	5	8	6	3.5
None or also used by another household	255	62	84	20	33	16	15	16	9	2.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	14 555	...	4 861	3 108	3 170	1 821	947	427	221	3.3
Male head, wife present, no nonrelatives	12 340	...	4 124	2 528	2 697	1 627	817	359	188	3.3
Under 25 years	555	...	208	178	104	52	13	—	—	2.9
25 to 34 years	2 561	...	295	485	966	487	197	83	48	4.0
35 to 44 years	2 973	...	261	502	882	640	405	187	96	4.3
45 to 64 years	4 972	...	2 334	1 170	722	429	191	89	37	2.6
65 years and over	1 279	...	1 026	193	23	19	11	—	7	2.1
Other male head	520	...	207	130	99	39	35	5	5	2.9
Under 65 years	466	...	173	120	94	39	35	5	—	3.0
65 years and over	54	...	34	10	5	—	—	—	5	...
Female head	1 695	...	530	450	374	155	95	63	28	3.2
Under 65 years	1 499	...	400	401	366	155	86	63	28	3.4
65 years and over	196	...	130	49	8	—	9	—	—	2.3
One-person households	2 026	2 026	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	14 091	1 677	3 976	2 646	2 763	1 595	845	384	205	3.0
Less than 1.5	5 482	211	1 557	1 303	1 160	610	420	137	84	3.2
1.5 to 1.9	2 789	176	833	458	628	384	155	92	63	3.3
2.0 to 2.4	1 697	144	404	306	383	251	140	34	35	3.5
2.5 to 2.9	940	202	229	122	191	114	39	34	9	2.8
3.0 to 3.9	898	173	297	166	129	64	36	33	—	2.4
4.0 or more	1 941	690	582	234	216	128	41	40	10	2.0
Not computed	344	81	74	57	56	44	14	14	4	2.8
Renter occupied housing units	12 246	1 532	4 206	2 560	1 675	1 132	562	385	194	2.7
BEDROOMS										
None	261	175	42	22	—	22	—	—	—	...
1	3 661	765	2 224	477	66	108	21	—	—	2.0
2	4 656	531	1 548	1 488	671	165	188	40	25	2.7
3 or more	3 746	44	383	646	1 027	872	391	173	210	4.3
YEAR STRUCTURE BUILT										
1969 to March 1970	410	66	252	40	31	14	7	—	—	2.1
1965 to 1968	1 373	222	530	260	119	101	64	37	40	2.4
1960 to 1964	1 792	80	432	324	361	291	154	123	27	3.7
1950 to 1959	3 851	297	1 276	1 009	612	396	157	71	33	2.8
1940 to 1939	2 144	291	845	463	235	122	100	57	31	2.4
1939 or earlier	2 676	576	871	464	317	208	80	37	63	2.4
UNITS IN STRUCTURE										
1	7 025	765	1 918	1 536	1 192	835	380	264	135	3.0
2	2 173	186	791	463	281	182	131	101	38	2.7
3 and 4	659	83	296	142	71	47	10	6	4	2.3
5 to 9	421	83	75	34	3	34	17	—	—	2.0
10 to 19	777	191	319	153	64	13	18	9	10	2.1
20 or more	752	190	407	117	18	8	—	5	7	2.0
Mobile home or trailer	439	42	217	115	46	13	6	—	—	2.3
COMPLETE BATHROOMS										
1 and 1 1/2	10 894	1 393	3 973	2 260	1 434	911	469	310	144	2.5
2 or more	1 021	18	174	229	173	194	99	108	26	4.0
None or also used by another household	331	134	78	35	51	9	—	11	13	1.9
HOUSEHOLD COMPOSITION										
Two-or-more-person households	10 714	...	4 206	2 560	1 675	1 132	562	385	194	2.9
Male head, wife present, no nonrelatives	8 885	...	3 516	2 138	1 405	910	470	279	167	2.9
Under 25 years	3 646	...	2 302	1 019	249	43	19	9	5	2.3
25 to 34 years	2 890	...	698	713	725	432	213	86	23	3.5
35 to 44 years	1 412	...	141	189	276	348	194	159	105	4.8
45 to 64 years	792	...	254	203	145	87	44	25	34	3.2
65 years and over	145	...	121	14	10	—	—	—	—	2.1
Other male head	454	...	195	124	40	52	21	22	—	2.8
Under 65 years	437	...	185	117	40	52	21	22	—	2.8
65 years and over	17	...	10	7	—	—	—	—	—	...
Female head	1 375	...	495	298	230	170	71	84	27	3.1
Under 65 years	1 289	...	431	291	224	166	66	84	27	3.2
65 years and over	86	...	64	7	6	4	5	—	—	...
One-person households	1 532	1 532	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	11 985	1 509	4 121	2 535	1 623	1 092	539	377	189	2.6
Less than 10 percent	445	69	129	64	67	57	35	10	14	2.9
10 to 14 percent	1 402	138	593	265	186	87	64	36	33	2.4
15 to 19 percent	1 918	149	746	388	287	173	70	63	42	2.7
20 to 24 percent	1 649	174	642	418	180	148	55	22	10	2.5
25 to 34 percent	2 435	340	875	480	307	214	115	69	35	2.5
35 percent or more	2 290	482	864	503	211	127	48	37	18	2.3
Not computed	1 846	157	272	417	385	286	152	140	37	3.7

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

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	501	260	155	86	Vacant for rent	1 779	1 299	254	226
ROOMS					ROOMS				
1 to 3 rooms	16	—	11	5	1 room	26	17	9	—
4 rooms	67	39	9	19	2 rooms	340	283	35	22
5 rooms	227	121	53	53	3 rooms	423	323	62	38
6 rooms	139	76	59	4	4 rooms	569	362	94	113
7 rooms or more	52	24	23	5	5 rooms	341	259	42	40
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	479	256	146	77	6 rooms	66	45	12	9
Lacking some or all plumbing facilities	22	4	9	9	7 rooms or more	14	10	—	4
BEDROOMS					BEDROOMS				
None and 1	20	—	20	—	With all plumbing facilities	1 688	1 253	237	198
2	112	84	14	14	Lacking some or all plumbing facilities	91	46	17	28
3	260	126	72	62	BEDROOMS				
4 or more	24	24	—	—	None	32	32	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	141	116	22	3	1	721	548	111	62
1960 to 1968	154	63	66	25	2	731	429	96	206
1950 to 1959	94	44	27	23	3 or more	240	176	48	16
1949 or earlier	112	37	40	35	UNITS IN STRUCTURE				
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	496	260	155	81	1969 to March 1970	140	140	—	—
2 or more	5	—	—	5	1960 to 1968	206	159	20	27
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	—	—	—	—	1950 to 1959	466	368	73	25
Warm-air furnace	255	155	80	20	1949 or earlier	967	632	161	174
Built-in electric units	8	3	5	—	RENT ASKED				
Floor, wall, or pipeless furnace	123	64	40	19	Specified vacant for rent ²	1 751	1 294	246	211
Other means	92	34	34	34	Less than \$50	331	178	92	61
None	23	4	6	13	\$50 to \$59	195	129	29	37
SALES PRICE ASKED					SALES PRICE ASKED				
Specified vacant for sale ¹	486	260	150	76	\$60 to \$79	469	339	75	55
Less than \$5,000	47	4	19	24	\$80 to \$99	358	277	19	42
\$5,000 to \$9,999	53	35	6	12	\$100 to \$119	174	148	19	7
\$10,000 to \$14,999	166	80	53	33	\$120 to \$149	155	138	12	5
\$15,000 to \$19,999	120	66	47	7	\$150 to \$199	79	75	—	4
\$20,000 to \$24,999	69	58	11	—	\$200 or more	10	10	—	—
\$25,000 to \$34,999	14	8	6	—	Median price asked	\$14 300	\$15 800	\$14 700	—
\$35,000 to \$49,999	17	9	8	—	Median rent asked	\$75	\$80	\$61	\$63
\$50,000 or more	—	—	—	—					

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
			166	120	69	14	17			526	469	338	329	79	10
Total	486	100	166	120	69	14	17	1 751	526	469	338	329	79	10
PLUMBING FACILITIES														
With all plumbing facilities	388	64	141	105	64	—	14	1 646	360	581	274	335	96	—
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	48	33	—	—	15	—	—
BEDROOMS														
None and 1	20	20	—	—	—	—	—	739	255	324	80	48	32	—
2	84	24	40	—	20	—	—	715	106	241	145	207	16	—
3	260	20	101	105	20	—	14	226	32	16	49	81	48	—
4 or more	24	—	—	—	24	—	—	14	—	—	—	14	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	141	4	10	60	49	9	9	140	90	—	5	11	34	—
1960 to 1968	154	14	73	43	16	—	8	206	34	26	26	79	31	10
1950 to 1959	84	25	43	14	—	2	—	466	63	121	129	142	11	—
1949 or earlier	107	57	40	3	4	3	—	939	339	322	178	97	3	—
UNITS IN STRUCTURE														
1	—	—	—	—	—	—	—	1 084	314	319	222	198	31	—
2 to 4	—	—	—	—	—	—	—	342	70	112	88	68	4	—
5 to 19	—	—	—	—	—	—	—	199	56	29	28	49	32	5
20 or more	—	—	—	—	—	—	—	126	86	9	—	14	12	5
INCLUSION OF UTILITIES IN RENT														
All utilities included	—	—	—	—	—	—	—	820	263	258	168	103	23	5
Some or no utilities included	—	—	—	—	—	—	—	931	263	211	170	226	56	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-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]

Lawton	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	12 465	468	768	1 316	2 318	2 353	3 061	1 002	686	361	132	13 900
ROOMS												
1 and 2 rooms	43	14	23	6	—	—	—	—	—	—	—	...
3 rooms	198	98	55	9	24	—	6	6	—	—	—	5 000
4 rooms	1 683	232	251	479	381	202	93	18	27	—	—	9 400
5 rooms	5 706	98	307	620	1 488	1 281	1 484	257	136	22	13	13 200
6 rooms	3 533	22	117	149	359	720	1 186	505	350	110	15	16 400
7 rooms	929	4	15	44	47	128	224	169	142	130	26	20 100
8 rooms or more	373	—	—	9	19	22	68	47	31	99	78	31 900
Median	5.3	4.0	4.7	4.8	5.0	5.3	5.5	5.9	6.0	6.9	7.5+	...
PERSONS												
1 person	1 397	163	207	211	264	167	210	71	54	39	11	11 100
2 persons	3 448	132	251	435	648	625	830	192	182	113	40	13 500
3 persons	2 392	81	105	279	442	466	610	179	148	67	15	14 100
4 persons	2 508	38	77	159	290	523	691	290	173	65	34	15 000
5 persons	1 429	4	51	99	276	300	387	178	57	55	22	14 900
6 persons or more	1 291	50	77	133	230	272	333	72	72	22	10	13 900
Median	3.1	2.0	2.2	2.5	3.1	3.3	3.3	3.7	3.2	2.9	3.5	...
Units with roomers, boarders, or lodgers	162	5	24	9	31	33	37	6	12	—	5	13 400
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities												
0.50 or less	12 432	439	768	1 312	2 318	2 353	3 061	1 002	686	361	132	14 000
0.51 to 1.00	5 667	241	456	686	975	936	1 274	386	360	262	91	13 800
1.01 to 1.50	5 895	148	237	484	1 142	1 231	1 640	585	293	99	36	14 400
1.51 or more	750	31	44	136	167	177	132	25	33	—	5	12 500
Missing some or all plumbing facilities	120	19	31	6	34	9	15	6	—	—	—	10 300
Lacking some or all plumbing facilities												
0.50 or less	33	29	—	4	—	—	—	—	—	—	—	...
0.51 to 1.00	20	20	—	—	—	—	—	—	—	—	—	...
1.01 to 1.50	9	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	4	—	—	4	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1	431	187	102	41	61	—	40	—	—	—	—	5 700
2	3 427	278	454	557	788	682	439	147	63	19	—	11 300
3	7 529	38	184	502	1 357	1 492	2 364	790	531	209	62	15 300
4 or more	974	—	22	42	42	103	302	211	62	85	105	19 600
YEAR STRUCTURE BUILT												
1969 to March 1970	524	—	5	12	9	37	208	101	96	27	29	19 800
1965 to 1968	1 803	—	23	45	118	251	656	355	230	104	21	18 300
1960 to 1964	2 732	27	59	221	547	659	799	184	125	83	28	14 400
1950 to 1959	4 076	85	144	505	972	936	933	213	158	97	33	13 400
1940 to 1949	1 986	170	267	324	474	328	268	86	33	25	11	11 200
1939 or earlier	1 344	186	270	209	198	142	197	63	44	25	10	10 100
COMPLETE BATHROOMS												
1 and 1/2	9 979	413	788	1 292	2 235	2 206	2 332	457	188	57	11	12 800
2 and 2 1/2	2 199	6	5	45	52	130	661	501	496	237	66	22 000
3 or more	175	—	—	—	—	12	14	30	30	62	45	39 700
None or also used by another household	84	29	—	12	36	—	7	—	—	—	—	...
HOUSEHOLD COMPOSITION												
Two-or-more-person households												
Male head, wife present, no nonrelatives	9 318	242	425	907	1 687	1 845	2 375	850	585	297	105	14 400
Under 25 years	272	9	25	44	52	47	80	10	5	—	—	12 800
25 to 34 years	1 983	15	58	180	394	408	590	237	65	20	16	14 600
35 to 44 years	2 415	30	94	146	416	556	641	276	187	54	15	14 800
45 to 64 years	3 782	129	160	380	660	703	949	274	282	190	55	14 500
65 years and over	866	59	157	165	131	115	53	46	33	33	19	12 000
Other male head	368	—	45	38	90	51	114	10	—	4	16	13 000
Under 65 years	328	—	36	33	79	41	114	10	—	4	11	13 500
65 years and over	40	—	9	5	11	10	—	—	—	—	5	...
Female head	1 382	63	91	160	277	290	362	71	47	21	—	13 400
Under 65 years	1 252	46	68	139	252	267	341	71	47	21	—	13 600
65 years and over	130	17	23	21	25	23	21	—	—	—	—	10 400
One-person households												
Under 65 years	1 397	163	207	211	264	167	210	71	54	39	11	11 100
65 years and over	726	55	77	104	164	115	115	31	41	18	6	11 900
Median	671	108	130	107	100	52	95	40	13	21	5	9 800
INCOME IN 1969												
Less than \$2,000	1 356	158	163	204	268	175	242	84	47	10	5	11 400
\$2,000 to \$2,999	645	88	109	134	104	52	116	19	23	—	—	9 800
\$3,000 to \$3,999	668	62	92	112	134	106	82	39	18	23	—	11 300
\$4,000 to \$4,999	522	32	74	64	151	79	83	9	25	5	—	11 500
\$5,000 to \$5,999	806	27	90	158	196	147	136	39	8	5	—	11 600
\$6,000 to \$6,999	971	25	50	168	259	206	209	21	15	18	—	12 300
\$7,000 to \$9,999	2 698	36	108	246	604	675	727	184	91	20	7	13 800
\$10,000 to \$14,999	3 008	35	79	187	496	656	907	354	163	96	35	15 200
\$15,000 to \$24,999	1 487	5	3	43	101	230	520	223	239	112	11	18 400
\$25,000 or more	304	—	—	—	5	27	39	30	57	72	74	33 900
Median	\$8 400	\$2 900	\$4 300	\$5 900	\$7 200	\$8 800	\$9 700	\$11 500	\$13 600	\$15 300	\$29 200	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 029	31	56	142	289	340	646	258	180	57	30	16 100
1968	1 182	18	20	117	187	185	347	164	89	48	7	15 700
1967	865	16	25	93	148	225	198	78	61	21	—	14 200
1965 and 1966	1 506	31	70	164	293	317	402	84	86	45	14	14 000
1960 to 1964	2 642	93	144	251	514	570	688	172	109	70	31	13 900
1950 to 1959	2 965	119	253	414	660	568	561	146	134	84	26	12 700
1949 or earlier	1 248	140	225	168	232	143	172	68	55	31	14	11 000
HEATING EQUIPMENT												
Steam or hot water	27	—	4	—	—	5	4	10	4	—	—	...
Warm-air furnace	6 121	7	41	113	625	1 116	2 360	827	592	318	122	17 100
Built-in electric units	220	—	—	15	60	27	70	10	21	17	—	15 500
Floor, wall, or pipeless furnace	3 940	78	304	805	1 274	881	447	89	47	10	5	11 500
Other means	2 157	383	419	383	359	324	180	66	22	16	5	9 300
None	—	—	—	—	—	—	—	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	5 915	195	355	784	1 494	1 514	1 200	273	80	20	—	12 700
Central system	3 973	—	24	37	210	443	1 527	685	607	329	111	19 100
None	2 549	253	414	528	619	391	287	12	27	7	11	10 300

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.]

Lawton	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	9 829	471	393	684	984	1 879	1 539	1 712	1 572	315	15	265	105
ROOMS													
1 room	187	81	13	31	16	15	5	4		5		17	53
2 rooms	883	78	139	227	150	130	26	54	66	4		9	70
3 rooms	2 568	110	119	256	514	630	205	290	325	20		99	86
4 rooms	2 702	93	75	102	210	712	730	425	194	113		48	104
5 rooms	2 389	77	28	50	64	290	458	681	598	88		55	129
6 rooms	886	27	10	18	30	85	85	206	315	72	5	33	145
7 rooms	188	5	9			17	30	52	53	13	5	4	138
8 rooms or more	26								21		5		
Median	4.0	3.2	2.9	2.8	3.1	3.7	4.2	4.6	4.8	4.7	...	3.7	...
PERSONS													
1 person	1 351	189	130	190	154	155	144	159	132	33		65	79
2 persons	3 808	104	160	286	455	896	586	627	474	174		106	99
3 persons	2 136	61	43	98	203	456	381	395	388	57		54	109
4 persons	1 553	36	24	57	70	191	209	201	295	45	10	15	118
5 persons	766	23	6	36	42	92	91	211	187	52	5	21	132
6 persons or more	615	58	30	17	60	89	128	119	96	14		4	108
Median	2.4	1.9	1.9	2.0	2.2	2.4	2.6	2.7	3.0	2.7	...	2.1	...
Units with roomers, boarders, or lodgers	288	13	32	12	27	37	49	38	42	33	5		109
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	9 620	364	376	654	972	1 869	1 539	1 699	1 572	315	15	245	106
0.50 or less	3 177	122	160	223	224	512	595	624	481	139		97	110
0.51 to 1.00	5 477	160	171	300	596	1 198	790	956	990	163	15	138	106
1.01 to 1.50	768	60	32	91	103	130	135	114	86	13		4	94
1.51 or more	198	22	13	40	49	29	19	5	15			6	74
Lacking some or all plumbing facilities	209	107	17	30	12	10		13				20	50-
0.50 or less	58	27	6	11	6			4				4	...
0.51 to 1.00	134	74	11	14	6	10		9				10	50-
1.01 to 1.50 .....													...
1.51 or more	17	6		5								6	...
BEDROOMS													
None	261	119	40	62			21	19					...
1	3 540	164	171	405	637	872	337	244	582	42		86	88
2	3 791	112	77	101	262	862	1 183	715	223	236		20	108
3 or more	2 304	53	46	70	92	163	286	653	878	21	21	21	140
YEAR STRUCTURE BUILT													
1969 to March 1970	392	5			12	5	10	99	173	66	10	12	167
1965 to 1968	1 266	219	51	23	24	52	91	260	368	161	5	12	139
1960 to 1964	1 223		3	11	14	132	126	354	491	47		45	146
1950 to 1959	3 120	21	70	174	239	695	685	671	464	36		65	110
1940 to 1949	1 922	51	106	161	277	547	456	235	59			30	93
1939 or earlier	1 906	175	163	315	418	448	171	93	17	5		101	76
ELEVATOR IN STRUCTURE													
4 floors or more													
With elevator													
Walk-up													
1 to 3 floors	9 896	448	334	638	991	1 897	1 827	1 631	1 683	299	21	127	106
COMPLETE BATHROOMS													
1 and 1 1/2	9 119	371	394	668	964	1 867	1 404	1 679	1 370	151		251	102
2 or more	494				7	21	21	29	193	172	14	37	189
None or also used by another household	224	122	13	25		10	13	15				26	50-
INCOME IN 1969													
Less than \$2,000	1 232	204	87	187	128	180	126	117	119	32		52	79
\$2,000 to \$2,999	932	81	86	97	143	247	134	87	46			11	84
\$3,000 to \$3,999	1 141	52	71	143	171	343	180	99	61	5		16	87
\$4,000 to \$4,999	1 247	48	57	86	140	329	272	152	103	33		27	97
\$5,000 to \$5,999	1 291	35	42	59	178	268	259	269	111	20		50	103
\$6,000 to \$6,999	913	28	11	48	79	163	160	232	139	25		28	114
\$7,000 to \$9,999	1 645	23	31	39	98	212	273	449	403	68	5	44	128
\$10,000 to \$14,999	1 117		8	25	31	127	124	262	424	80	5	31	146
\$15,000 to \$24,999	269				11	10	11	31	160	35	5	6	171
\$25,000 or more	42				5			14	6	17			...
Median	\$5 300	\$2 400	\$3 300	\$3 400	\$4 400	\$4 500	\$5 200	\$6 600	\$8 500	\$8 900	...	\$5 500	...
YEAR MOVED INTO UNIT													
1969 to March 1970	7 998	303	290	556	796	1 564	1 162	1 494	1 406	297	14	116	107
1968	784	106	28	33	52	148	134	140	109	5		29	102
1967	202		34	7	19	31	37	35	20			19	100
1965 and 1966	334	21		31	44	99	63	25	13	7		31	89
1960 to 1964	286	40	46	40	47	29	14	16				54	68
1950 to 1959	154	23	9	26	6	20	28	13	7	14		8	89
1949 or earlier	79				7	7			8			57	...
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	347	81	39	39	53	60	27	29	6	13		...	73
10 to 14 percent	1 204	82	93	102	152	244	163	147	208	13		...	94
15 to 19 percent	1 734	63	54	116	252	326	248	295	339	41		...	105
20 to 24 percent	1 558	45	52	96	110	306	266	329	315	39		...	113
25 to 34 percent	2 287	94	68	129	205	462	424	524	285	86	10	...	109
35 percent or more	2 142	75	70	170	197	447	352	332	386	108	5	...	106
Not computed	557	31	17	32	15	34	59	56	33	15		265	106
AIR CONDITIONING													
Room unit(s)	4 531	60	127	276	399	815	832	1 013	823	37		149	112
Central system	1 284	107	35	5	12	93	69	129	487	278	14	55	167
None	4 022	326	245	412	560	990	537	581	253	8		110	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]

Lawton	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	13 717	1 546	710	740	617	938	1 115	3 022	3 189	1 536	304	8 200
ROOMS												
1 and 2 rooms	76	35	15	5	12	5	4	-	-	-	-	...
3 rooms	317	133	29	38	16	54	9	24	10	4	-	2 900
4 rooms	2 223	323	209	197	168	211	232	403	355	115	10	6 000
5 rooms	6 103	634	288	278	265	473	609	1 611	1 371	525	49	7 900
6 rooms	3 660	339	123	150	119	154	199	745	1 099	613	119	10 000
7 rooms or more	1 338	82	46	72	37	41	62	239	354	279	126	11 300
PERSONS												
1 person	1 610	666	213	193	103	65	65	207	46	47	5	2 700
2 persons	3 851	336	289	263	292	292	342	775	773	411	104	7 500
3 and 4 persons	5 334	349	125	232	180	355	387	1 232	1 592	758	124	9 500
5 persons	1 551	102	41	24	43	128	121	443	430	169	50	9 100
6 persons or more	1 371	93	42	25	28	98	200	365	348	151	21	8 600
Units with roomers, boarders, or lodgers	186	12	19	9	8	27	18	39	38	16	-	7 000
BEDROOMS												
Less than 3	4 681	872	366	461	192	377	319	1 010	806	256	22	6 200
3	7 974	745	266	270	209	596	660	1 908	2 244	905	171	9 000
4 or more	996	79	43	125	21	-	64	83	412	44	125	11 000
YEAR STRUCTURE BUILT												
1969 to March 1970	855	112	18	46	55	70	111	176	173	60	34	7 300
1960 to 1968	5 046	407	142	205	169	317	424	1 339	1 332	613	98	8 900
1950 to 1959	4 184	360	175	187	118	317	327	887	1 088	585	129	9 000
1949 or earlier	3 632	667	375	302	275	234	253	609	596	278	43	5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	2 610	326	111	131	101	245	248	584	597	228	39	7 700
1968	1 320	126	26	65	84	90	124	282	367	143	13	8 500
1960 to 1967	5 337	468	180	158	196	369	429	1 358	1 359	712	108	8 900
1959 or earlier	4 429	584	406	355	282	196	322	816	772	557	139	7 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	11 930	1 265	496	724	258	871	893	2 568	3 332	1 205	318	8 700
Clothes dryer	8 354	618	170	329	104	510	601	1 863	2 739	1 123	297	10 000
Dishwasher	4 011	212	83	83	82	157	174	590	1 638	762	230	11 900
Home food freezer	4 671	370	171	213	185	208	358	1 034	1 327	591	214	9 400
Owned second home	649	39	22	45	-	86	108	171	111	88	22	7 600
With air conditioning	10 746	968	433	430	499	581	840	2 432	2 714	1 550	299	9 000
Room unit(s)	6 612	693	347	304	365	408	607	1 498	1 552	768	70	8 200
Central system	4 134	275	86	126	134	173	233	934	1 162	782	229	10 500
Automobiles available:												
1	6 275	913	402	519	430	519	641	1 512	961	333	45	6 600
2	5 497	177	136	148	173	331	434	1 219	1 788	908	183	10 400
3 or more	1 095	8	29	5	21	32	40	217	278	394	71	13 500
Renter occupied housing units	9 878	1 232	932	1 141	1 252	1 291	921	1 661	1 127	279	42	5 300
ROOMS												
1 room	187	56	32	14	22	11	10	31	11	-	-	3 400
2 rooms	883	130	144	125	119	129	91	83	52	10	-	4 400
3 rooms	2 573	357	297	416	355	336	219	343	207	38	5	4 600
4 rooms	2 717	315	274	357	429	403	262	410	224	33	10	5 000
5 rooms	2 403	258	126	162	274	323	276	477	396	108	3	6 200
6 rooms or more	1 115	116	59	67	53	89	63	317	237	90	24	8 000
PERSONS												
1 person	1 361	411	190	169	139	109	108	143	71	17	4	3 500
2 persons	3 822	294	416	464	510	604	412	618	411	93	-	5 400
3 and 4 persons	3 298	374	253	388	414	414	261	608	468	108	10	5 500
5 persons	776	88	32	69	76	111	81	149	94	56	20	6 100
6 persons or more	621	65	41	51	113	53	59	143	83	5	8	5 800
Units with roomers, boarders, or lodgers	292	43	24	43	40	42	16	56	28	-	-	4 900
BEDROOMS												
None	261	100	39	44	38	21	-	19	-	-	-	...
1	3 540	464	370	476	471	564	310	373	445	67	-	5 000
2	3 813	394	362	535	364	713	448	585	394	-	18	5 400
3 or more	2 327	266	116	42	157	255	123	459	637	251	21	8 300
YEAR STRUCTURE BUILT												
1969 to March 1970	392	23	32	11	64	30	63	77	65	27	-	6 600
1960 to 1968	2 494	252	149	186	246	259	246	532	484	131	9	6 600
1950 to 1959	3 125	337	240	339	455	440	230	601	365	90	28	5 400
1949 or earlier	3 867	620	511	605	487	562	382	451	213	31	5	4 400
YEAR MOVED INTO UNIT												
1969 to March 1970	8 027	904	740	980	1 122	1 049	800	1 367	814	228	23	5 300
1968	784	110	106	75	86	42	60	108	108	18	13	5 400
1960 to 1967	840	159	79	99	75	104	54	149	97	18	6	5 100
1959 or earlier	240	73	12	7	39	-	23	46	25	15	-	4 700
GROSS RENT AS PERCENTAGE OF INCOME <i>Specified renter occupied¹</i>												
Less than 15 percent	9 829	1 232	932	1 141	1 247	1 291	913	1 645	1 117	269	42	5 300
15 to 19 percent	1 551	4	6	19	88	106	147	413	507	219	42	9 900
20 to 24 percent	1 734	-	30	75	153	336	207	461	433	39	-	7 400
25 to 34 percent	1 558	-	63	150	251	271	194	514	115	-	-	6 200
35 percent or more	2 287	94	225	500	515	409	308	200	31	5	-	4 600
Not computed	2 142	790	597	381	213	119	29	13	-	-	-	2 500
557	344	11	16	27	50	28	44	31	6	-	-	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	3 893	469	264	256	403	429	349	730	724	230	39	6 400
Clothes dryer	1 885	100	19	37	128	128	204	507	555	168	39	8 900
Dishwasher	1 149	80	21	21	70	66	40	265	501	85	-	10 100
Home food freezer	1 263	136	43	106	106	198	137	214	220	85	18	6 300
Owned second home	463	19	22	21	67	67	23	82	77	85	-	7 500
With air conditioning	5 856	532	439	595	718	641	582	1 267	806	239	37	6 000
Room unit(s)	4 564	401	370	528	571	532	500	965	557	126	14	5 800
Central system	1 292	131	69	67	147	109	82	302	249	113	23	7 400
Automobiles available:												
1	6 850	678	634	867	994	909	684	1 248	662	156	18	5 300
2	1 572	68	62	90	181	193	151	359	321	123	24	7 300
3 or more	133	21	6	-	8	8	14	20	56	-	-	8 400

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 text¹)

Lawton	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	13 717	13 654	6 251	6 433	831	139	63	44	9	6	4
PERSONS											
1 person	1 610	1 571	1 559	12	-	-	39	39	-	-	-
2 persons	3 851	3 841	3 722	108	-	11	10	5	5	-	-
3 persons	2 617	2 613	863	1 750	-	-	4	-	4	-	-
4 persons	2 717	2 717	84	2 624	9	-	-	-	-	-	-
5 persons	1 551	1 551	23	1 431	81	16	-	-	-	-	-
6 persons or more	1 371	1 361	-	508	741	112	10	-	-	6	4
Median	3.0	3.0	1.9	4.0	6.4	7.5+	...	...	...	...	...
Units with roomers, boarders, or lodgers	186	180	67	93	15	5	6	-	-	6	-
YEAR STRUCTURE BUILT											
1969 to March 1970	870	870	352	471	35	12	-	-	-	-	-
1965 to 1968	2 074	2 074	586	1 351	122	15	-	-	-	-	-
1960 to 1964	2 818	2 818	836	1 644	302	16	-	-	-	-	-
1950 to 1959	4 293	4 288	1 993	2 026	257	12	5	5	-	-	6
1940 to 1949	2 152	2 140	1 384	679	52	25	12	-	6	-	6
1939 or earlier	1 489	1 444	1 093	316	17	18	45	32	6	7	-
INCOME IN 1969											
Less than \$2,000	1 546	1 516	991	416	109	-	30	25	5	-	-
\$2,000 to \$2,999	710	691	511	144	32	4	19	19	-	-	-
\$3,000 to \$3,999	740	740	467	252	21	-	-	-	-	-	-
\$4,000 to \$4,999	617	613	372	211	20	10	4	-	4	-	-
\$5,000 to \$5,999	938	934	361	458	70	45	4	-	-	-	4
\$6,000 to \$6,999	1 115	1 115	441	549	114	11	-	-	-	-	-
\$7,000 to \$9,999	3 022	3 016	1 129	1 612	244	31	6	-	-	6	-
\$10,000 to \$14,999	3 189	3 189	1 118	1 864	154	33	-	-	-	-	-
\$15,000 to \$24,999	1 536	1 536	668	796	67	5	-	-	-	-	-
\$25,000 or more	304	304	193	111	-	-	-	-	-	-	-
Median	\$8 200	\$8 200	\$7 000	\$9 200	\$7 600	\$7 000	...	...	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ²	12 465	12 432	5 667	5 895	750	120	33	20	9	-	4
Less than 1.5	4 687	4 683	1 835	2 439	333	76	4	-	4	-	-
1.5 to 1.9	2 558	2 545	1 026	1 344	156	19	13	9	-	-	4
2.0 to 2.4	1 535	1 529	598	822	90	19	6	6	-	-	-
2.5 to 2.9	831	826	404	389	39	-	5	-	5	-	-
3.0 to 3.9	831	831	475	318	32	6	-	-	-	-	-
4.0 or more	1 695	1 690	1 179	443	68	-	5	5	-	-	-
Not computed	328	328	150	140	38	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water	32	32	32	-	-	-	-	-	-	-	-
Warm-air furnace	6 898	6 898	2 711	3 733	409	45	-	-	-	-	-
Built-in electric units	226	226	107	110	9	-	-	-	-	-	-
Floor, wall, or pipeless furnace	4 219	4 214	2 189	1 727	266	32	5	5	-	-	4
Other means	2 342	2 284	1 212	863	147	62	58	39	9	6	4
None	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	9 878	9 664	3 201	5 491	774	198	214	58	134	5	17
PERSONS											
1 person	1 361	1 241	1 186	55	-	-	120	58	62	-	-
2 persons	3 822	3 767	1 762	1 957	-	48	55	-	38	-	17
3 persons	2 140	2 119	248	1 770	96	5	21	-	21	-	-
4 persons	1 558	1 149	5	1 030	95	19	9	-	4	5	-
5 persons	776	772	-	576	164	32	4	-	5	-	-
6 persons or more	621	616	-	103	419	94	5	-	-	-	-
Median	2.4	2.5	1.7	2.9	5.6	5.3	1.4	...	1.6	...	...
Units with roomers, boarders, or lodgers	292	292	73	181	28	10	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	372	372	133	239	-	-	-	-	-	-	-
1965 to 1968	1 320	1 309	411	762	103	33	11	11	-	-	-
1960 to 1964	1 285	1 285	318	801	153	13	-	-	-	-	-
1950 to 1959	3 076	3 059	1 079	1 700	225	55	17	-	11	-	6
1940 to 1949	1 912	1 912	671	994	217	30	-	-	-	-	-
1939 or earlier	1 926	1 770	642	939	137	52	156	35	99	7	15
INCOME IN 1969											
Less than \$2,000	1 232	1 159	477	562	94	26	73	22	51	-	-
\$2,000 to \$2,999	932	893	324	474	83	12	39	12	15	-	12
\$3,000 to \$3,999	1 141	1 116	345	599	139	33	25	15	10	-	-
\$4,000 to \$4,999	1 252	1 242	368	703	139	32	10	-	5	5	-
\$5,000 to \$5,999	1 291	1 275	409	755	87	24	16	5	11	-	-
\$6,000 to \$6,999	921	905	342	488	101	29	11	-	16	-	-
\$7,000 to \$9,999	1 661	1 650	475	1 045	52	27	24	4	15	-	5
\$10,000 to \$14,999	1 127	1 103	368	656	11	-	-	-	-	-	-
\$15,000 to \$24,999	279	279	89	179	3	-	-	-	-	-	-
\$25,000 or more	42	42	4	30	3	5	-	-	-	-	-
Median	\$5 300	\$5 300	\$5 200	\$5 500	\$4 500	\$4 900	\$2 900	...	\$3 100	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	9 829	9 620	3 177	5 477	768	198	209	58	134	-	17
Less than 10 percent	347	315	65	194	30	26	32	5	22	-	5
10 to 14 percent	1 204	1 173	328	743	63	39	31	4	21	-	6
15 to 19 percent	1 734	1 720	542	984	153	39	14	4	10	-	-
20 to 24 percent	1 558	1 543	487	950	102	4	15	5	10	-	-
25 to 34 percent	2 287	2 237	769	1 174	240	54	50	28	22	-	-
35 percent or more	2 142	2 106	799	1 138	144	25	36	8	28	-	-
Not computed	557	526	187	294	34	11	31	4	21	-	6
HEATING EQUIPMENT											
Steam or hot water	32	32	21	11	-	-	-	-	11	-	8
Warm-air furnace	1 809	1 792	570	1 111	90	21	17	-	-	-	-
Built-in electric units	811	811	245	495	60	11	-	-	-	-	-
Floor, wall, or pipeless furnace	3 632	3 601	1 186	2 080	275	60	31	5	26	-	-
Other means	3 589	3 428	1 179	1 794	349	106	161	53	97	-	11
None	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]

Lawton	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	13 717	23	53	317	2 223	6 103	3 660	951	387	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 575	31	47	244	2 254	5 978	3 707	950	364	5.2
PERSONS										
1 person	1 610	12	37	126	440	632	238	99	26	4.8
2 persons	3 851	11	16	97	896	1 762	820	188	61	5.0
3 persons	2 617	--	--	51	431	1 272	666	151	46	5.1
4 persons	2 717	--	--	9	289	1 237	889	209	84	5.4
5 persons	1 551	--	--	16	81	684	547	140	83	5.5
6 persons or more	1 371	--	--	18	86	516	500	164	87	5.6
Median	3.0	...	...	1.8	2.2	3.0	3.6	3.7	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	13 654	23	37	309	2 195	6 103	3 649	951	387	5.2
0.50 or less	6 251	--	26	122	1 312	2 394	1 719	438	240	5.2
0.51 to 1.00	6 433	12	11	148	716	3 193	1 723	492	138	5.2
1.01 to 1.50	831	--	--	9	133	472	192	21	4	5.1
1.51 or more	139	11	--	30	34	44	15	--	5	4.3
Lacking some or all plumbing facilities	63	--	16	8	28	--	11	--	--	...
0.50 or less	44	--	11	4	24	--	5	--	--	...
0.51 to 1.00	9	--	5	--	4	--	--	--	--	...
1.01 to 1.50	6	--	--	--	--	--	6	--	--	...
1.51 or more	4	--	--	4	--	--	--	--	--	...
BEDROOMS										
None and 1	551	--	39	268	143	82	--	19	--	3.4
2	4 130	--	--	189	1 606	1 870	361	104	--	4.6
3	7 974	--	--	--	243	4 276	2 808	487	160	5.4
4 or more	996	--	--	--	--	21	339	363	273	6.9
YEAR STRUCTURE BUILT										
1969 to March 1970	855	5	4	20	228	305	191	68	34	5.1
1960 to 1968	5 046	--	4	62	408	2 622	1 460	342	148	5.3
1950 to 1959	4 184	--	16	34	722	1 907	1 147	275	83	5.2
1949 or earlier	3 632	18	29	201	865	1 269	862	266	122	5.1
COMPLETE BATHROOMS										
1 and 1 1/2	11 130	31	47	228	2 161	5 487	2 601	505	70	5.1
2 or more	2 455	--	--	26	93	491	1 106	445	294	6.1
None or also used by another household	111	--	11	11	41	41	7	--	--	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	12 465	18	25	198	1 683	5 706	3 533	929	373	5.3
Less than 1.5	4 687	6	--	49	790	2 183	1 273	262	124	5.2
1.5 to 1.9	2 558	5	--	9	256	1 235	797	213	43	5.3
2.0 to 2.9	2 366	--	14	47	247	1 126	665	173	94	5.3
3.0 or more	2 526	7	11	86	354	970	723	263	112	5.3
Not computed	328	--	--	7	36	192	75	18	--	5.1
Renter occupied housing units	9 878	187	883	2 573	2 717	2 403	901	188	26	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 632	92	844	2 515	2 651	2 358	947	198	27	4.0
PERSONS										
1 person	1 361	117	310	508	275	125	26	--	--	3.0
2 persons	3 822	65	447	1 548	1 052	533	145	32	--	3.4
3 persons	2 140	5	96	381	828	582	224	24	--	4.2
4 persons	1 158	--	19	100	309	493	195	37	5	4.8
5 persons	776	--	11	21	164	368	172	30	10	5.0
6 persons or more	621	--	--	15	89	302	139	65	11	5.2
Median	2.4	1.3	1.8	2.0	2.5	3.4	3.8	4.5	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	9 664	108	823	2 519	2 709	2 399	897	183	26	4.0
0.50 or less	3 201	--	266	498	1 323	658	395	56	5	4.1
0.51 to 1.00	5 491	55	431	1 890	1 133	1 439	426	96	21	3.8
1.01 to 1.50	774	--	96	95	243	237	72	31	--	4.3
1.51 or more	198	53	30	36	10	65	4	--	--	2.9
Lacking some or all plumbing facilities	214	79	60	54	8	4	4	5	--	2.0
0.50 or less	58	--	44	10	4	--	--	--	--	...
0.51 to 1.00	134	62	16	39	4	4	4	5	--	1.8
1.01 to 1.50	5	--	--	5	--	--	--	--	--	...
1.51 or more	17	17	--	--	--	--	--	--	--	...
BEDROOMS										
None	261	140	121	--	--	--	--	--	--	...
1	3 540	--	727	2 437	311	65	--	--	--	2.9
2	3 813	--	--	207	2 420	1 064	122	--	--	4.2
3 or more	2 327	--	--	--	30	1 389	724	163	21	5.3
YEAR STRUCTURE BUILT										
1969 to March 1970	392	--	24	216	102	23	13	9	5	3.3
1960 to 1968	2 494	6	134	616	526	820	309	66	17	4.4
1950 to 1959	3 125	55	206	542	1 056	846	365	55	--	4.2
1949 or earlier	3 867	126	519	1 199	1 033	714	214	58	4	3.6
COMPLETE BATHROOMS										
1 and 1 1/2	9 160	120	844	2 496	2 565	2 234	763	128	10	3.9
2 or more	500	--	--	19	86	124	184	70	17	5.6
None or also used by another household	231	73	41	75	27	5	5	5	--	2.5
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	9 829	187	883	2 568	2 702	2 389	886	188	26	4.0
Less than 10 percent	347	21	49	97	66	69	35	10	--	3.6
10 to 14 percent	1 204	44	170	298	257	272	124	39	--	3.9
15 to 19 percent	1 734	15	137	438	430	473	195	39	7	4.1
20 to 24 percent	1 558	14	143	385	405	384	192	31	4	4.1
25 to 34 percent	2 287	28	214	557	766	560	116	36	10	3.9
35 percent or more	2 142	41	150	665	643	468	145	25	5	3.8
Not computed	557	24	20	128	135	163	79	8	--	4.3

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

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

Table 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]

Lawton	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	13 717	12 643	248	826	9 878	5 697	1 343	552	380	772	752	382
ROOMS												
1 room.....	23	18	—	5	187	63	20	12	21	42	23	6
2 rooms.....	53	25	5	23	883	320	136	122	104	89	89	23
3 rooms.....	317	202	30	85	2 573	863	520	204	182	345	330	129
4 rooms.....	2 223	1 722	71	430	2 717	1 383	460	181	69	201	236	187
5 rooms.....	6 103	5 780	78	245	2 403	2 077	133	28	4	54	70	37
6 rooms.....	3 660	3 579	43	38	901	806	51	5	—	35	4	—
7 rooms.....	951	940	11	—	188	159	23	—	—	6	—	—
8 rooms or more.....	387	377	10	—	26	26	—	—	—	—	—	—
Median.....	5.2	5.3	4.7	4.2	4.0	4.6	3.5	3.2	2.9	3.2	3.3	3.7
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 654	12 610	222	822	9 664	5 651	1 323	537	332	723	716	382
0.50 or less.....	6 251	5 766	136	349	3 201	1 845	468	155	87	208	325	113
0.51 to 1.00.....	6 433	5 974	61	398	5 491	3 127	751	320	231	461	361	240
1.01 to 1.50.....	831	750	20	61	774	550	89	36	9	50	17	23
1.51 or more.....	139	120	5	14	198	129	15	26	5	4	13	6
Lacking some or all plumbing facilities	63	33	26	4	214	46	20	15	48	49	36	—
0.50 or less.....	44	20	20	4	58	9	—	4	15	11	19	—
0.51 to 1.00.....	9	9	—	—	134	26	15	11	27	38	17	—
1.01 to 1.50.....	6	—	6	—	5	5	—	—	—	—	—	—
1.51 or more.....	4	4	—	—	17	6	5	—	6	—	—	—
BEDROOMS												
None.....	20	—	20	—	261	105	—	62	19	56	19	—
1.....	531	431	38	62	3 540	1 234	632	408	270	373	542	81
2.....	4 130	3 467	172	491	3 813	2 114	670	206	20	326	235	242
3.....	7 974	7 573	85	316	2 202	2 046	68	42	—	46	—	—
4 or more.....	996	996	—	—	125	100	25	—	—	—	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970.....	855	524	11	320	392	41	14	9	29	88	173	38
1965 to 1968.....	2 138	1 812	21	305	1 271	389	94	10	94	272	314	98
1960 to 1964.....	2 908	2 756	11	141	1 223	858	62	6	—	49	134	114
1950 to 1959.....	4 184	4 126	37	21	3 125	2 014	544	119	58	219	57	114
1940 to 1949.....	2 110	2 038	43	29	1 933	1 325	332	144	40	35	43	14
1939 or earlier.....	1 522	1 387	125	10	1 934	1 070	297	264	159	109	31	4
INCOME IN 1969												
Less than \$2,000.....	1 546	1 385	71	90	1 232	712	169	80	65	108	47	51
\$2,000 to \$2,999.....	710	650	20	40	932	436	162	84	64	82	50	54
\$3,000 to \$3,999.....	740	674	4	62	1 141	591	120	85	56	94	58	47
\$4,000 to \$4,999.....	617	533	27	57	1 252	667	206	82	62	74	111	50
\$5,000 to \$5,999.....	938	818	5	115	1 291	736	169	93	49	115	71	58
\$6,000 to \$6,999.....	1 115	975	10	130	921	530	122	51	6	102	67	43
\$7,000 to \$7,999.....	3 022	2 730	63	229	1 661	1 051	195	33	44	124	156	58
\$10,000 to \$14,999.....	3 189	3 052	48	89	1 127	746	84	34	28	63	156	16
\$15,000 to \$24,999.....	1 536	1 522	—	14	279	195	26	5	6	10	32	5
\$25,000 or more.....	304	304	—	—	42	33	—	5	—	—	4	—
Median.....	\$8 200	\$8 400	\$5 400	\$6 400	\$5 300	\$5 600	\$4 600	\$4 300	\$4 100	\$5 200	\$6 600	\$4 800
YEAR MOVED INTO UNIT												
1969 to March 1970.....	2 610	2 052	32	526	8 027	4 368	1 177	435	326	714	631	376
1968.....	1 320	1 190	6	124	784	509	89	41	34	36	70	5
1967.....	977	882	12	83	210	181	18	—	5	—	6	—
1965 and 1966.....	1 606	1 546	27	33	338	316	—	—	—	—	15	7
1960 to 1964.....	2 754	2 679	24	51	292	200	40	13	12	14	7	6
1950 to 1959.....	2 987	2 933	54	—	134	101	16	—	17	—	—	—
1949 or earlier.....	1 442	1 359	69	14	106	79	10	—	11	—	6	—
GROSS RENT												
Specified renter occupied ¹.....	.....	.....	.....	.....	9 829	5 648	1 343	552	380	772	752	382
Less than \$50.....	.....	.....	.....	.....	471	148	88	23	42	98	68	4
\$50 to \$59.....	.....	.....	.....	.....	393	235	60	24	23	30	16	5
\$60 to \$69.....	.....	.....	.....	.....	684	382	125	60	22	63	11	21
\$70 to \$79.....	.....	.....	.....	.....	984	472	202	183	46	21	15	45
\$80 to \$89.....	.....	.....	.....	.....	1 879	1 006	400	167	79	116	30	81
\$100 to \$119.....	.....	.....	.....	.....	1 539	987	238	56	43	95	40	80
\$120 to \$149.....	.....	.....	.....	.....	1 712	1 103	150	25	62	141	115	116
\$150 to \$199.....	.....	.....	.....	.....	1 572	993	56	5	42	177	283	16
\$200 to \$299.....	.....	.....	.....	.....	315	132	19	4	—	16	144	—
\$300 or more.....	.....	.....	.....	.....	15	10	—	—	—	5	—	14
No cash rent.....	.....	.....	.....	.....	265	180	5	5	21	10	30	—
Median.....	.....	.....	.....	.....	\$105	\$110	\$89	\$79	\$87	\$111	\$162	\$107
HEATING EQUIPMENT												
Steam or hot water.....	32	27	5	—	32	10	6	16	—	—	—	—
Warm-air furnace.....	6 898	6 190	44	664	1 809	1 243	126	20	41	50	131	198
Built-in electric units.....	226	—	—	—	811	125	6	10	52	290	322	6
Floor, wall, or pipeless furnace.....	4 219	4 007	86	126	3 632	2 251	525	292	109	276	79	100
Other means.....	2 342	2 193	113	36	3 589	2 063	680	214	178	156	220	78
None.....	—	—	—	—	5	5	—	—	—	—	—	—
AIR CONDITIONING												
Room unit(s).....	6 612	6 041	164	407	4 564	2 586	609	260	209	340	350	210
Central system.....	4 134	3 987	13	134	1 292	541	56	5	61	269	337	23
None.....	2 950	2 613	47	290	4 035	2 627	685	224	135	155	48	161
AUTOMOBILES AVAILABLE												
1.....	6 275	5 643	101	531	6 850	3 804	975	366	289	562	534	320
2.....	5 497	5 204	53	240	1 572	1 184	106	29	33	75	113	32
3 or more.....	1 095	1 049	23	23	133	100	10	8	—	7	8	—
None.....	829	745	47	37	1 336	666	259	86	83	120	80	42

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]

Lawton	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	13 717	467	2 282	2 561	3 956	893	370	40	1 391	147	838	772
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 654	467	2 282	2 561	3 950	889	370	40	1 382	142	823	748
0.50 or less	6 251	158	398	370	2 260	719	173	29	483	102	818	741
0.51 to 1.00	6 433	292	1 614	1 828	1 543	170	184	6	755	29	5	7
1.01 to 1.50	831	12	230	302	132	-	9	5	136	5	-	-
1.51 or more	139	5	40	61	15	-	4	-	8	6	-	-
Lacking some or all plumbing facilities	63	-	-	-	6	4	-	-	9	5	15	24
0.50 or less	44	-	-	-	-	-	-	-	-	5	15	24
0.51 to 1.00	9	-	-	-	-	-	-	-	9	-	-	-
1.01 to 1.50	6	-	-	-	6	-	-	-	-	-	-	-
1.51 or more	4	-	-	-	-	4	-	-	-	-	-	-
UNITS IN STRUCTURE	12 643	272	1 993	2 442	3 846	876	346	40	1 277	130	741	680
1	249	11	16	26	29	12	6	-	42	17	21	68
2 or more	826	184	273	93	81	5	18	-	72	-	76	24
Mobile home or trailer												
INCOME IN 1969												
Less than \$2,000	1 546	46	35	35	74	148	14	-	514	14	204	462
\$2,000 to \$2,999	710	18	27	20	131	135	23	4	92	47	86	127
\$3,000 to \$3,999	740	68	36	26	145	94	16	5	140	17	135	58
\$4,000 to \$4,999	617	31	79	47	146	66	26	5	96	18	60	43
\$5,000 to \$5,999	938	48	226	169	261	33	15	-	116	5	51	14
\$6,000 to \$6,999	1 115	74	247	228	244	88	50	5	95	19	56	9
\$7,000 to \$9,999	3 022	111	687	746	815	129	134	5	172	16	182	25
\$10,000 to \$14,999	3 189	67	727	879	1 168	109	61	10	111	11	30	16
\$15,000 to \$24,999	1 536	4	197	370	761	74	26	6	51	-	29	18
\$25,000 or more	304	-	21	41	211	17	5	-	4	-	5	-
Median	\$8 200	\$6 300	\$9 100	\$10 100	\$10 700	\$5 100	\$7 900	...	\$3 600	\$3 700	\$4 000	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	12 465	272	1 983	2 415	3 782	866	328	40	1 252	130	726	671
Less than 1.5	4 687	86	823	1 098	1 959	212	106	21	198	26	117	41
1.5 to 1.9	2 558	66	520	574	826	143	97	5	135	34	121	37
2.0 to 2.4	1 535	28	336	404	355	91	32	-	135	19	88	47
2.5 to 2.9	831	16	120	135	207	44	29	4	107	7	81	81
3.0 to 3.9	831	29	108	85	192	111	17	5	124	20	81	59
4.0 or more	1 695	32	76	110	232	243	47	5	357	20	187	386
Not computed	328	15	-	9	11	22	-	-	196	4	51	20
Renter occupied housing units	9 878	3 502	2 056	672	505	92	376	5	1 234	75	1 119	242
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	9 664	3 454	2 056	667	494	81	376	5	1 215	75	1 028	213
0.50 or less	3 201	829	432	69	161	28	111	-	348	37	984	202
0.51 to 1.00	5 491	2 429	1 407	414	257	48	228	5	619	29	44	11
1.01 to 1.50	774	125	191	154	61	-	23	-	216	4	-	-
1.51 or more	198	71	26	30	15	5	14	-	32	5	-	-
Lacking some or all plumbing facilities	214	48	-	5	11	11	-	-	19	-	91	29
0.50 or less	58	-	-	-	-	-	-	-	-	-	41	17
0.51 to 1.00	134	37	-	5	6	11	-	-	13	-	50	12
1.01 to 1.50	5	-	-	-	5	-	-	-	-	-	-	-
1.51 or more	17	11	-	-	-	-	-	-	6	-	-	-
UNITS IN STRUCTURE	5 697	1 490	1 494	567	396	50	214	5	787	51	521	122
1	1 895	989	245	46	70	14	51	-	214	24	183	59
2 to 4	1 152	559	119	34	23	17	29	-	105	-	232	34
5 to 19	752	232	142	9	16	11	65	-	87	-	167	23
20 or more	382	232	56	16	-	-	17	-	41	-	16	4
Mobile home or trailer												
GROSS RENT												
Specified renter occupied ²	9 829	3 496	2 047	667	489	92	376	5	1 231	75	1 109	242
Less than \$50	471	52	18	18	26	20	6	-	126	16	120	69
\$50 to \$59	393	100	23	11	20	-	29	5	62	13	97	33
\$60 to \$69	684	268	60	15	38	11	35	-	55	12	140	50
\$70 to \$79	984	491	107	32	19	17	26	-	133	5	118	36
\$80 to \$99	1 879	962	286	93	108	5	59	-	190	21	149	6
\$100 to \$119	1 539	593	343	117	81	22	65	-	170	4	135	9
\$120 to \$149	1 712	601	455	173	56	-	58	-	206	4	159	-
\$150 to \$199	1 572	342	619	170	71	6	32	-	200	-	121	11
\$200 to \$299	315	39	120	-	22	-	46	-	55	-	33	-
\$300 or more	15	-	-	10	-	-	5	-	-	-	-	-
No cash rent	265	48	16	28	48	11	15	-	34	-	37	28
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	9 829	3 496	2 047	667	489	92	376	5	1 231	75	1 109	242
Less than \$5,000	4 552	1 721	440	137	107	68	160	5	951	54	670	239
Less than 20 percent	375	136	29	6	6	16	8	-	79	-	70	25
20 to 24 percent	464	186	56	15	21	10	5	-	59	5	79	18
25 to 34 percent	1 334	633	175	46	37	10	34	-	170	18	170	41
35 percent or more	1 981	722	171	53	40	22	92	-	456	25	281	119
Not computed	398	44	9	17	3	10	16	-	187	6	70	36
\$5,000 to \$9,999	3 849	1 485	1 016	376	186	18	179	-	223	16	350	-
Less than 20 percent	1 670	699	370	173	114	6	55	-	77	16	160	-
20 to 24 percent	979	422	313	50	38	-	54	-	50	-	52	-
25 to 34 percent	917	316	267	121	9	6	40	-	51	-	107	-
35 percent or more	161	26	50	14	5	-	20	-	33	-	13	-
Not computed	122	22	16	18	20	6	10	-	12	-	18	-
\$10,000 to \$14,999	1 117	252	471	97	157	6	33	-	36	-	68	3
Less than 20 percent	940	235	396	87	127	-	21	-	26	-	48	-
20 to 24 percent	115	13	65	5	8	-	6	-	4	-	16	3
25 percent or more	31	-	10	-	-	-	-	-	-	-	-	-
Not computed	31	4	-	5	22	-	6	-	6	-	4	-
\$15,000 or more	311	38	120	57	39	6	4	-	21	5	21	-
Less than 20 percent	300	38	120	52	33	6	4	-	21	5	21	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	5	-	-	5	-	-	-	-	-	-	-	-
Not computed	6	-	-	-	6	-	-	-	-	-	-	-

¹Limited to 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]

Lawton	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	13 717	1 610	3 851	2 617	2 717	1 551	819	367	185	3.0
BEDROOMS										
None and 1	551	251	216	43	—	—	41	—	—	1.6
2	4 130	908	1 895	642	352	151	140	42	—	2.1
3	7 974	496	1 629	1 752	2 043	1 192	444	269	149	3.6
4 or more	996	79	131	41	218	176	206	103	42	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970	855	67	222	186	192	124	36	21	7	3.2
1965 to 1968	2 138	59	374	421	698	318	154	66	48	3.8
1960 to 1964	2 908	165	557	581	711	456	229	137	72	3.7
1950 to 1959	4 184	379	1 298	896	764	437	277	110	23	3.0
1940 to 1949	2 110	409	825	390	245	124	72	22	23	2.3
1939 or earlier	1 522	531	575	143	107	92	51	11	12	1.9
UNITS IN STRUCTURE										
1	12 643	1 421	3 507	2 432	2 535	1 452	774	341	181	3.1
2 or more	248	89	64	36	22	12	10	11	4	2.0
Mobile home or trailer	826	100	280	149	160	87	35	15	—	2.7
COMPLETE BATHROOMS										
1 and 1 1/2	11 130	1 342	3 281	2 125	2 113	1 198	656	279	136	2.9
2 and 2 1/2	2 274	176	521	410	607	347	138	43	32	3.5
3 or more	181	21	39	35	45	22	5	8	6	3.4
None or also used by another household	111	44	28	20	6	—	6	7	—	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	12 107	...	3 851	2 617	2 717	1 551	819	367	185	3.3
Male head, wife present, no nonrelatives	10 159	...	3 227	2 102	2 301	1 371	695	305	158	3.4
Under 25 years	467	...	165	146	96	47	13	—	—	3.0
25 to 34 years	2 282	...	283	444	816	417	191	83	48	4.0
35 to 44 years	2 561	...	256	432	764	531	331	157	90	4.3
45 to 64 years	3 956	...	1 835	920	606	361	149	65	20	2.7
65 years and over	893	...	688	160	19	15	11	—	—	2.1
Other male head	410	...	155	99	83	34	29	5	5	3.0
Under 65 years	370	...	126	93	83	34	29	5	5	3.1
65 years and over	40	...	29	6	—	—	—	—	—	...
Female head	1 538	...	469	416	333	146	95	57	22	3.2
Under 65 years	1 391	...	373	377	330	146	86	57	22	3.4
65 years and over	147	...	96	39	3	—	9	—	—	2.3
One-person households	1 610	1 610	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	12 465	1 397	3 448	2 392	2 508	1 429	769	341	181	3.1
Less than 1.5	4 687	158	1 315	1 139	1 015	515	361	112	72	3.3
1.5 to 1.9	2 558	158	732	434	588	365	144	86	51	3.4
2.0 to 2.4	1 535	135	361	279	337	226	134	28	35	3.5
2.5 to 2.9	831	162	205	114	175	99	39	28	9	2.9
3.0 to 3.9	831	140	271	162	125	64	36	33	—	2.5
4.0 or more	1 695	573	490	213	212	116	41	40	10	2.1
Not computed	328	71	74	51	56	44	14	14	4	2.9
Renter occupied housing units	9 878	1 361	3 822	2 140	1 158	776	319	187	115	2.4
BEDROOMS										
None	261	175	42	22	—	22	—	—	—	...
1	3 540	744	2 205	439	66	45	21	—	—	2.0
2	3 813	379	1 337	1 224	504	136	168	40	25	2.7
3 or more	2 327	21	288	474	637	595	148	21	143	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	392	66	242	40	23	14	7	—	—	2.0
1965 to 1968	1 271	184	496	256	113	97	53	32	40	2.4
1960 to 1964	1 223	66	379	268	210	174	75	46	5	3.1
1950 to 1959	3 125	277	1 150	807	428	315	77	43	28	2.7
1940 to 1949	1 933	270	804	428	216	103	67	24	21	2.4
1939 or earlier	1 934	499	751	341	168	73	40	42	21	2.1
UNITS IN STRUCTURE										
1	5 697	643	1 652	1 289	928	666	270	165	84	2.9
2	1 343	168	702	308	72	55	20	8	10	2.2
3 and 4	552	74	292	129	31	17	5	—	4	2.2
5 to 9	380	75	258	34	3	4	6	—	—	1.9
10 to 19	772	191	319	148	64	13	18	9	10	2.1
20 or more	752	190	407	117	18	8	—	5	7	2.0
Mobile home or trailer	382	20	192	115	42	13	—	—	—	2.4
COMPLETE BATHROOMS										
1 and 1 1/2	9 160	1 248	3 653	1 951	1 040	678	296	206	88	2.4
2 or more	500	18	124	128	76	82	39	21	12	3.3
None or also used by another household	231	110	54	35	22	5	—	5	—	1.6
HOUSEHOLD COMPOSITION										
Two-or-more-person households	8 517	...	3 822	2 140	1 158	776	319	187	115	2.7
Male head, wife present, no nonrelatives	6 827	...	3 172	1 764	907	557	243	96	88	2.6
Under 25 years	3 502	...	2 225	984	226	43	10	9	5	2.3
25 to 34 years	2 056	...	586	532	445	324	115	37	17	3.3
35 to 44 years	672	...	97	119	128	143	97	36	52	4.4
45 to 64 years	505	...	188	123	98	47	21	14	14	3.0
65 years and over	92	...	76	6	10	—	—	—	—	2.6
Other male head	381	...	176	110	30	49	5	11	—	2.6
Under 65 years	376	...	171	110	30	49	5	11	—	2.7
65 years and over	5	...	5	—	—	—	—	—	—	...
Female head	1 309	...	474	266	221	170	71	80	27	3.2
Under 65 years	1 234	...	421	259	215	166	66	80	27	3.3
65 years and over	75	...	53	7	6	4	5	—	—	...
One-person households	1 361	1 361	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	9 829	1 351	3 808	2 136	1 153	766	313	187	115	2.4
Less than 10 percent	347	59	110	48	39	53	24	—	14	2.6
10 to 14 percent	1 204	122	545	240	149	67	38	20	23	2.4
15 to 19 percent	1 734	143	704	370	254	126	65	47	25	2.6
20 to 24 percent	1 558	168	617	388	175	128	55	22	5	2.5
25 to 34 percent	2 287	322	855	455	287	201	80	57	30	2.5
35 percent or more	2 142	413	833	489	195	123	43	33	13	2.3
Not computed	557	124	144	146	54	68	8	8	5	2.6

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

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

Table B—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]

Lawton	Total	Less than 2 months	2 up to 6 months	6 months or more	Lawton	Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	437	251	123	63	Vacant for rent	1 562	1 197	207	158
ROOMS					ROOMS				
1 to 3 rooms	10	—	5	5	1 room	26	17	9	—
4 rooms	40	35	—	5	2 rooms	332	275	35	22
5 rooms	214	121	44	49	3 rooms	391	300	58	33
6 rooms	126	71	51	4	4 rooms	455	318	64	73
7 rooms or more	47	24	23	—	5 rooms	296	241	34	21
					6 rooms	52	36	7	9
					7 rooms or more	10	10	—	—
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	437	251	123	63	With all plumbing facilities	1 503	1 160	194	149
Lacking some or all plumbing facilities	—	—	—	—	Lacking some or all plumbing facilities	59	37	13	9
BEDROOMS					BEDROOMS				
None and 1	—	—	—	—	None	32	32	—	—
2	84	84	—	—	1	693	548	97	48
3	246	126	58	62	2	628	372	96	160
4 or more	24	24	—	—	3 or more	226	162	48	16
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	133	112	18	3	1969 to March 1970	136	136	—	—
1960 to 1968	135	58	57	20	1960 to 1968	171	129	20	22
1950 to 1959	85	44	22	19	1950 to 1959	447	353	69	25
1949 or earlier	84	37	26	21	1949 or earlier	808	579	118	111
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	432	251	123	58	1	917	605	167	145
2 or more	5	—	—	5	2 to 4	320	293	23	4
					5 to 9	108	90	13	5
					10 to 19	91	87	—	4
					20 or more	126	122	4	—
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	—	—	—	—	Specified vacant for sale¹	432	251	123	58
Warm-air furnace	240	150	70	20	Less than \$5,000	20	4	5	11
Built-in electric units	8	3	5	—	\$5,000 to \$9,999	44	31	6	3
Floor, wall, or pipeless furnace	114	64	31	19	\$10,000 to \$14,999	166	80	53	37
Other means	65	34	11	20	\$15,000 to \$19,999	111	66	38	7
None	10	—	6	4	\$20,000 to \$24,999	64	53	11	—
					\$25,000 to \$34,999	14	8	6	—
					\$35,000 to \$49,999	13	9	4	—
					\$50,000 or more	—	—	—	—
					Median price asked	\$14 600	\$15 800	\$14 800	...
					Specified vacant for rent²	1 557	1 192	207	158
					Less than \$50	239	139	66	34
					\$50 to \$59	164	107	25	32
					\$60 to \$79	459	334	75	50
					\$80 to \$99	317	272	19	26
					\$100 to \$119	147	130	10	7
					\$120 to \$149	142	125	12	5
					\$150 to \$199	79	75	—	4
					\$200 or more	10	10	—	—
					Median rent asked	\$76	\$81	\$63	\$65

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

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]

Lawton	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	432	64	166	111	64	14	13	1 557	403	459	317	289	79	10
PLUMBING FACILITIES														
With all plumbing facilities	354	44	141	105	64	—	—	1 546	304	581	258	307	96	—
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	33	33	—	—	—	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	725	241	324	80	48	32	—
2	84	24	40	—	20	—	—	628	64	241	129	178	16	—
3	246	20	101	105	20	—	—	226	32	16	49	81	48	—
4 or more	24	—	—	—	24	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	133	—	10	56	49	9	9	136	86	—	5	11	34	—
1960 to 1968	135	9	73	38	11	—	4	171	12	26	26	66	31	10
1950 to 1959	80	21	43	14	—	2	—	447	54	116	129	137	11	—
1949 or earlier	84	34	40	3	4	3	—	803	251	317	157	75	3	—
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	912	195	309	201	176	31	—
2 to 4	...	...	...	...	...	...	...	320	66	112	88	50	4	—
5 to 19	...	...	...	...	...	...	...	199	56	29	28	49	32	5
20 or more	...	...	...	...	...	...	...	126	86	9	—	14	12	5
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	746	235	253	153	77	23	5
Some or no utilities included	...	...	...	...	...	...	...	811	168	206	164	212	56	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.

Appendix A.—AREA CLASSIFICATIONS

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

USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, *Standard Metropolitan Statistical Areas: 1967*, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

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

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

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

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

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

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

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

LIVING QUARTERS

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

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

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

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A

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

Year moved into unit.—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

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

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

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

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

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

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

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

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

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

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

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

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

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

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

The statistics on rent exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as “no cash rent” in the rent tabulations.

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

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

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

Gross rent as percentage of income.—The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category “not computed.”

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the “head,” that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

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

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

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

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

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

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

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

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

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

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

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

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

APPENDIX B—Continued

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

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p> <input type="radio"/> One <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer </p> <p style="text-align: center;"><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p> <input type="radio"/> Yes — What is the number? _____ <i>Phone number</i> </p> <p>H2. Do you enter your living quarters—</p> <p> <input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters? </p> <p>H3. Do you have complete kitchen facilities? <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 <input type="radio"/> Yes, but also used by another household <input type="radio"/> No complete kitchen facilities for this household </p> <p>H4. How many rooms do you have in your living quarters? <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 <input type="radio"/> 2 rooms <input type="radio"/> 7 rooms <input type="radio"/> 3 rooms <input type="radio"/> 8 rooms <input type="radio"/> 4 rooms <input type="radio"/> 9 rooms or more <input type="radio"/> 5 rooms </p> <p>H5. Is there hot and cold piped water in this building?</p> <p> <input type="radio"/> Yes, hot and cold piped water in this building <input type="radio"/> No, only cold piped water in this building <input type="radio"/> No piped water in this building </p> <p>H6. Do you have a flush toilet?</p> <p> <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No flush toilet </p> <p>H7. Do you have a bathtub or shower?</p> <p> <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No bathtub or shower </p> <p>H8. Is there a basement in this building?</p> <p> <input type="radio"/> Yes <input type="radio"/> No, built on a concrete slab <input type="radio"/> No, built in another way (include mobile homes and trailers) </p>	<p>H9. Are your living quarters—</p> <p> <input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i> <input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent? </p> <p>H10a. Is this building a one-family house?</p> <p> <input type="radio"/> Yes, a one-family house <input type="radio"/> No, a building for 2 or more families or a mobile home or trailer </p> <p>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p> <input type="radio"/> Yes, 10 acres or more <input type="radio"/> Yes, commercial establishment or medical office <input type="radio"/> No, none of the above </p> <p>H11. If you live in a one-family house which you own or are buying— What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p> <input type="radio"/> Less than \$5,000 <input type="radio"/> \$5,000 to \$7,499 <input type="radio"/> \$7,500 to \$9,999 <input type="radio"/> \$10,000 to \$12,499 <input type="radio"/> \$12,500 to \$14,999 <input type="radio"/> \$15,000 to \$17,499 <input type="radio"/> \$17,500 to \$19,999 <input type="radio"/> \$20,000 to \$24,999 <input type="radio"/> \$25,000 to \$34,999 <input type="radio"/> \$35,000 to \$49,999 <input type="radio"/> \$50,000 or more </p> <p style="font-size: small; margin-left: 100px;"><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 style="margin-left: 20px;"><i>and</i></p> <p>Fill one circle</p> <p> <input type="radio"/> Less than \$30 <input type="radio"/> \$30 to \$39 <input type="radio"/> \$40 to \$49 <input type="radio"/> \$50 to \$59 <input type="radio"/> \$60 to \$69 <input type="radio"/> \$70 to \$79 <input type="radio"/> \$80 to \$89 <input type="radio"/> \$90 to \$99 <input type="radio"/> \$100 to \$119 <input type="radio"/> \$120 to \$149 <input type="radio"/> \$150 to \$199 <input type="radio"/> \$200 to \$249 <input type="radio"/> \$250 to \$299 <input type="radio"/> \$300 or more </p> <p>b. If rent is not paid by the month— 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; font-size: small;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th style="width: 50%;">a4. Block number</th> <th style="width: 50%;">a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0 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 <input type="radio"/> Continuation </p> <p>Vacant</p> <p> <input type="radio"/> Regular <input type="radio"/> Usual residence elsewhere <input type="radio"/> Group quarters <input type="radio"/> First form <input type="radio"/> Continuation </p> <p style="font-size: x-small; margin-left: 20px;"><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p> <p>C. Vacancy status Year round—</p> <p> <input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant </p> <p> <input type="radio"/> Seasonal <input type="radio"/> Migratory </p> <p>D. Months vacant</p> <p> <input type="radio"/> Less than 1 month <input type="radio"/> 1 up to 2 months <input type="radio"/> 2 up to 6 months <input type="radio"/> 6 up to 12 months <input type="radio"/> 1 year up to 2 years <input type="radio"/> 2 years or more </p> <p>C/O <input type="radio"/> <input type="radio"/></p>	a4. Block number	a5. Serial number	0 0 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 <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

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

15 and 5 percent

5 percent

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <i>Average monthly cost</i> <input type="radio"/> No, electricity not used</p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <i>Average monthly cost</i> <input type="radio"/> No, gas not used</p> <p>c. Water? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <input type="radio"/> No, included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <i>Yearly cost</i> <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 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</p> <p>In some other way—Describe → _____</p> <p><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>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>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 checked="" type="radio"/> 1940 to 1949 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>H25a. 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>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"/> 3 bedrooms <input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms <input type="radio"/> 2 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</p> <p>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—</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>H28a. Do you have a television set? Count only sets in working order. <input type="radio"/> Yes, one set <input type="radio"/> Yes, two or more sets <input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/></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="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$250 to \$2,499 <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>

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

EDITING OF UNACCEPTABLE DATA

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

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

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

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

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

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

SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5-percent sample by designating every fourth 20-percent sample unit as a

member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

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

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

Vacant housing units:

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

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

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, con-

sistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

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

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

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than $2\frac{1}{2}$ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

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

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

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

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

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

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

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated $N/2$). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to $N/2$. Subtract this standard error from $N/2$. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between $N/2$ and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to $N/2$, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of $N/2$ and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor if sample rate is—			Characteristic ¹	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit .....	...	1.1	...	Heating equipment	0.8	0.9	...
Duration of vacancy	0.8	...	1.7	Air conditioning .....	...	1.1	...
UTILIZATION CHARACTERISTICS				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	...	Household composition	0.6	0.7	...
Plumbing facilities	1.0	...	...	Income in 1969	1.0	1.2	2.3
STRUCTURAL CHARACTERISTICS				ALL OTHERS			
Units in structure	0.8	0.9	1.7		1.0	1.2	2.2
Year structure built	0.9	1.0	...				

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
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POSTAGE AND FEES PAID
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Table

1, 11, 19	VALUE
2, 12, 20	GROSS RENT
3, 13, 21	INCOME IN 1969
4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
5, 15, 23	ROOMS
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