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Metropolitan Housing Characteristics

READING, PA.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-177

1970
CENSUS OF
HOUSING



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

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THE CENSUS

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HOUSING**

Metropolitan
Housing
Characteristics

READING, PA.

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†	—	—

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

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GENERAL

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

This report series contains 248 reports as listed on page 11. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

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

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

PROCESSING PROCEDURES

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

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

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

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

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METROPOLITAN HOUSING CHARACTERISTICS

Reading, Pa.

STANDARD METROPOLITAN STATISTICAL AREA

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MAP

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

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Counties, Standard Metropolitan Statistical Areas, and Selected Places

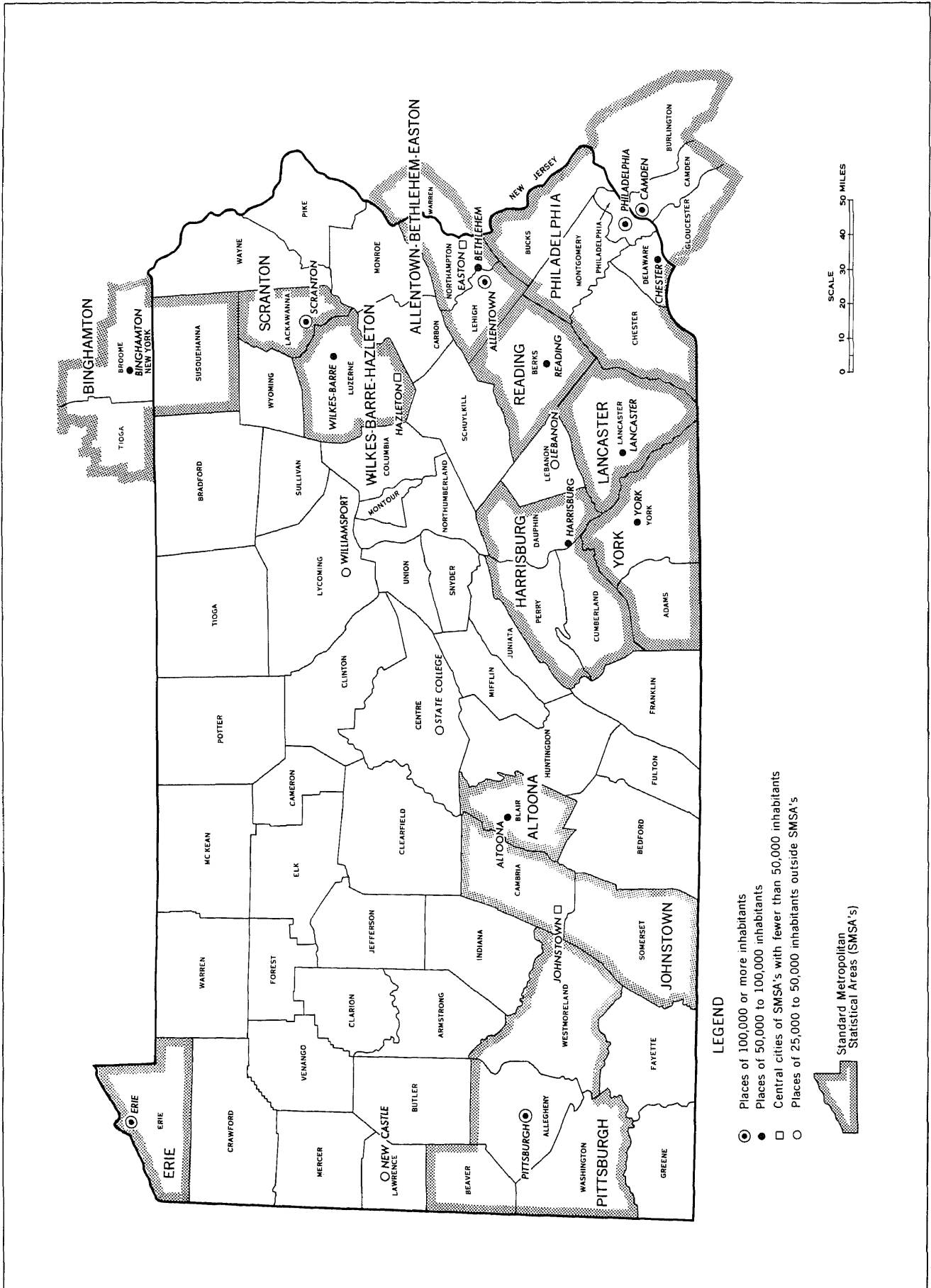


Table A-1. Value of Owner Occupied Housing Units: 1970

[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	58 884	3 324	8 058	9 749	8 184	6 718	10 374	6 055	4 297	1 527	598	12 500
ROOMS												
1 and 2 rooms	191	74	33	33	21	-	20	10	-	-	-	6 600
3 rooms	811	223	203	159	80	40	61	25	15	5	-	7 200
4 rooms	5 966	836	912	798	904	874	1 185	333	108	10	6	11 200
5 rooms	12 391	789	1 791	1 590	1 818	1 818	2 852	1 437	441	78	14	12 800
6 rooms	20 026	865	2 789	3 119	2 946	2 739	3 869	2 350	1 075	236	38	12 800
7 rooms	9 574	293	1 221	1 691	1 028	824	1 509	1 149	1 457	328	74	14 200
8 rooms or more	9 925	244	1 109	2 359	1 387	660	878	751	1 201	870	466	12 300
Median	6.0	5.2	5.9	6.2	5.9	5.8	5.8	6.0	6.8	7.5+	7.5+	...
PERSONS												
1 person	6 766	1 021	1 556	1 369	906	643	731	279	163	54	44	9 000
2 persons	18 950	1 202	2 799	3 193	2 579	2 118	3 222	1 881	1 275	506	175	12 200
3 persons	11 603	422	1 526	1 982	1 617	1 235	2 235	1 337	853	281	115	13 000
4 persons	10 632	275	990	1 546	1 463	1 433	2 077	1 346	1 011	372	119	14 300
5 persons	6 069	147	606	863	892	756	1 201	716	668	167	53	14 200
6 persons or more	4 864	257	581	796	727	533	908	496	327	147	92	12 800
Median	2.8	2.0	2.4	2.7	2.9	3.0	3.1	3.1	3.3	3.2	3.2	...
Units with roomers, boarders, or lodgers	1 022	143	178	206	142	77	140	46	49	21	20	9 800
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	57 116	2 619	7 642	9 485	8 052	6 643	10 304	5 998	4 271	1 509	593	12 800
0.50 or less	34 116	1 811	5 058	6 147	4 676	3 655	5 433	3 232	2 553	1 090	461	12 200
0.51 to 1.00	21 351	635	2 349	3 146	3 112	2 727	4 514	2 643	1 692	401	132	13 800
1.01 to 1.50	1 528	120	212	180	260	251	338	123	26	18	-	12 400
1.51 or more	121	53	23	12	4	19	19	-	-	-	-	5 800
Lacking some or all plumbing facilities	1 768	705	416	264	132	75	70	57	26	18	5	6 100
0.50 or less	1 182	470	251	176	88	70	50	38	16	18	5	6 200
0.51 to 1.00	471	185	128	74	39	-	20	15	10	-	-	6 000
1.01 to 1.50	98	37	37	14	5	5	-	-	-	-	-	...
1.51 or more	17	13	-	-	-	-	-	-	-	-	-	...
BEDROOMS												
None and 1	2 031	431	486	384	326	121	166	97	-	20	-	8 100
2	13 411	1 478	2 143	2 099	1 973	1 549	2 453	1 121	460	94	41	11 200
3	30 765	1 143	3 836	4 496	4 134	4 392	6 157	3 422	2 548	555	82	13 500
4 or more	12 855	572	1 742	2 711	1 873	1 106	1 623	1 079	1 131	587	431	11 900
YEAR STRUCTURE BUILT												
1969 to March 1970	714	-	-	4	18	24	128	176	237	102	25	25 300
1965 to 1968	2 930	15	42	57	96	158	743	788	354	91	23 400	
1960 to 1964	5 008	32	79	76	273	417	1 495	1 251	1 001	295	89	20 500
1950 to 1959	11 497	134	297	544	1 276	1 810	3 494	2 019	1 346	388	189	17 200
1940 to 1949	4 448	209	411	454	623	552	1 182	651	249	95	22	14 900
1939 or earlier	34 287	2 934	7 229	8 614	5 898	3 757	3 489	1 215	676	293	182	9 500
COMPLETE BATHROOMS												
1 and 1 1/2	50 097	2 235	7 083	9 084	7 608	6 115	9 394	5 130	2 903	479	66	12 200
2 and 2 1/2	5 247	13	117	248	291	341	800	930	1 301	945	261	24 400
3 or more	630	-	-	10	17	5	38	30	92	172	266	45 700
None or also used by another household	2 732	946	769	456	192	115	122	74	27	24	7	6 400
HOUSEHOLD COMPOSITION												
Two-or-more-person households	52 118	2 303	6 502	8 380	7 278	6 075	9 643	5 776	4 134	1 473	554	13 200
Male head, wife present, no nonrelatives	46 067	1 649	5 245	7 036	6 476	5 572	8 935	5 414	3 896	1 356	478	13 700
Under 25 years	857	47	130	144	163	107	147	66	48	5	-	11 600
25 to 34 years	7 116	130	621	1 026	932	903	1 560	1 072	716	124	32	14 900
35 to 44 years	11 015	198	841	1 443	1 430	1 494	2 407	1 469	1 211	383	139	15 200
45 to 64 years	20 357	788	2 534	3 158	2 885	2 353	3 807	2 268	1 605	697	262	13 400
65 years and over	6 722	486	1 119	1 265	1 066	715	1 014	539	316	147	55	11 200
Other male head	2 014	238	425	408	322	157	226	111	52	38	37	9 600
Under 65 years	1 399	171	317	253	218	113	155	66	46	33	27	9 600
65 years and over	615	67	108	155	104	44	71	45	6	5	10	9 600
Female head	4 037	416	832	936	480	346	482	251	186	79	29	9 600
Under 65 years	2 545	250	482	510	342	223	339	172	143	64	20	10 200
65 years and over	1 492	166	350	426	138	123	143	79	43	15	9	8 800
One-person households	6 766	1 021	1 556	1 369	906	643	731	279	163	54	44	9 000
Under 65 years	2 827	342	673	596	324	266	371	161	60	17	17	9 200
65 years and over	3 939	679	883	773	582	377	360	118	103	37	27	8 800
INCOME IN 1969												
Less than \$2,000	4 074	784	1 006	883	398	337	372	128	114	31	21	8 200
\$2,000 to \$2,999	2 311	341	476	325	243	263	105	33	31	8	8	9 200
\$3,000 to \$3,999	2 379	245	524	516	426	222	286	72	50	38	-	9 500
\$4,000 to \$4,999	2 483	280	517	493	413	242	279	166	73	9	11	9 800
\$5,000 to \$5,999	2 585	245	543	523	383	299	326	181	66	16	3	9 900
\$6,000 to \$6,999	3 014	189	667	629	458	314	447	192	87	26	5	10 100
\$7,000 to \$9,999	12 831	623	1 992	2 546	2 018	1 623	2 294	1 051	560	106	18	11 600
\$10,000 to \$14,999	18 677	482	1 815	2 671	2 657	2 465	4 200	2 534	1 485	335	33	14 200
\$15,000 to \$24,999	8 709	128	478	929	1 041	874	1 703	1 441	1 436	569	110	17 600
\$25,000 or more	1 821	7	40	73	65	99	204	185	393	366	389	31 000
Median	\$9 900	\$5 000	\$7 400	\$8 600	\$9 500	\$10 200	\$11 100	\$12 200	\$13 900	\$18 000	\$35 100	...
YEAR MOVED INTO UNIT												
1969 to March 1970	3 599	101	237	418	362	295	771	546	552	260	57	17 400
1968	3 081	76	298	426	299	366	511	429	455	166	55	15 800
1967	2 593	58	237	340	356	164	500	405	351	142	40	16 300
1965 and 1966	5 333	192	440	658	579	620	1 150	767	599	248	80	15 700
1960 to 1964	10 511	338	926	1 486	1 332	1 295	2 203	1 503	1 035	284	109	14 800
1950 to 1959	17 999	994	2 292	2 765	2 711	2 355	3 515	1 792	1 036	354	185	12 800
1949 or earlier	15 590	1 435	3 539	3 705	2 469	1 481	1 704	722	295	166	74	9 400
HEATING EQUIPMENT												
Steam or hot water	28 010	1 045	3 306	4 604	4 342	3 659	5 275	2 869	1 951	690	269	13 000
Warm-air furnace	24 958	1 260	3 747	4 346	3 201	2 574	4 443	2 602	1 882	635	268	12 400
Built-in electric units	2 196	46	109	165	154	170	435	486	417	175	39	20 200
Floor, wall, or pipeless furnace	1 268	204	273	248	241	131	103	38	14	6	10	9 100
Other means	2 437	769	623	382	240	184	118	55	33	21	12	6 800
None	15	-	-	4	6	-	-	5	-	-	-	...
AIR CONDITIONING												
Room unit(s)	17 696	268	1 445	2 688	2 327							

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	25 811	2 022	1 796	2 885	2 825	5 769	3 272	3 004	2 040	542	41	1 615	88
ROOMS													
1 room	912	453	90	194	22	12	81	16	12	-	-	32	50
2 rooms	1 574	398	341	247	140	177	54	122	19	-	-	76	60
3 rooms	6 297	664	693	1 091	957	1 402	495	553	273	27	3	139	77
4 rooms	7 477	319	426	765	943	2 015	941	786	781	159	-	342	91
5 rooms	4 627	124	157	382	515	1 139	699	592	519	192	-	308	97
6 rooms	2 799	21	66	158	195	689	574	440	226	68	17	345	103
7 rooms	1 163	19	18	34	38	218	253	255	115	36	-	177	113
8 rooms or more	962	24	5	14	15	117	175	240	95	60	21	196	124
Median	4.0	2.7	3.2	3.4	3.8	4.1	4.6	4.5	4.4	4.9	...	5.2	...
PERSONS													
1 person	8 152	1 519	1 088	1 363	1 026	1 229	508	615	342	48	6	408	69
2 persons	7 790	340	394	819	961	2 033	1 013	898	647	180	6	499	90
3 persons	4 328	68	131	333	438	1 203	753	566	424	112	3	297	97
4 persons	2 714	64	139	186	268	704	384	357	312	118	4	178	97
5 persons	1 498	11	22	97	78	340	275	307	179	34	13	142	109
6 persons or more	1 329	20	22	87	54	260	339	261	136	50	9	91	110
Median	2.1	1.2	1.3	1.6	1.9	2.3	2.7	2.5	2.6	2.9	...	2.3	...
Units with roomers, boarders, or lodgers	551	29	62	43	66	87	76	62	49	20	-	57	91
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	24 121	1 418	1 559	2 574	2 728	5 606	3 249	2 972	2 020	542	41	1 412	90
0.50 or less	13 210	1 033	1 124	1 546	1 603	2 858	1 432	1 453	993	293	16	859	86
0.51 to 1.00	9 806	362	407	908	1 042	2 437	1 581	1 367	932	229	25	516	96
1.01 to 1.50	949	23	19	93	75	267	217	121	83	20	-	31	99
1.51 or more	156	-	9	27	8	44	19	31	12	-	-	6	92
Lacking some or all plumbing facilities	1 690	604	237	311	97	163	23	32	20	-	-	208	56
0.50 or less	652	249	118	80	42	35	6	5	10	-	-	107	52
0.51 to 1.00	914	329	98	231	44	105	7	27	5	-	-	70	59
1.01 to 1.50	79	11	10	5	5	19	7	-	-	-	-	22	...
1.51 or more	45	15	11	-	6	4	5	-	-	-	-	4	...
BEDROOMS													
None	921	465	128	140	-	16	66	38	-	-	-	68	50-
1	10 047	1 001	1 184	1 685	1 576	2 181	710	930	424	21	20	315	76
2	9 023	277	564	860	949	2 410	1 270	891	1 114	193	-	495	94
3 or more	6 043	113	143	256	392	1 266	1 369	956	489	244	63	752	107
YEAR STRUCTURE BUILT													
1969 to March 1970	276	-	6	-	-	5	11	53	117	68	-	16	174
1965 to 1968	2 086	109	40	31	12	44	58	642	831	235	3	81	154
1960 to 1964	1 326	149	38	20	15	58	100	338	426	56	6	120	140
1950 to 1959	1 909	212	130	236	159	286	213	324	151	60	-	138	89
1940 to 1949	1 784	164	78	150	178	471	326	199	53	21	6	138	91
1939 or earlier	18 430	1 388	1 504	2 448	2 461	4 905	2 564	1 448	462	102	26	1 122	83
ELEVATOR IN STRUCTURE													
4 floors or more	1 173	332	78	202	103	101	84	149	104	-	20	-	69
With elevator	854	270	41	159	19	61	69	130	85	-	20	-	67
Walk-up	319	62	37	43	84	40	15	19	19	-	-	-	...
1 to 3 floors	24 861	1 524	1 941	2 739	2 814	5 772	3 331	2 666	1 923	458	63	1 630	89
COMPLETE BATHROOMS													
1 and 1 1/2	22 590	1 386	1 430	2 470	2 637	5 369	3 100	2 933	1 739	228	7	1 291	89
2 or more	970	16	4	17	24	67	50	45	246	339	21	141	189
None or also used by another household	2 220	699	295	369	140	269	118	67	38	-	-	225	60
INCOME IN 1969													
Less than \$2,000	3 993	954	622	613	472	503	259	151	131	28	-	260	65
2,000 to \$2,999	1 859	323	278	269	239	306	124	112	54	10	-	144	70
3,000 to \$3,999	1 994	240	257	324	250	428	221	108	59	11	-	96	75
4,000 to \$4,999	1 772	128	103	350	232	448	182	126	62	5	-	136	80
5,000 to \$5,999	2 289	109	158	336	341	587	252	292	125	22	-	67	85
6,000 to \$6,999	2 251	53	136	228	249	575	414	286	119	34	5	152	92
7,000 to \$9,999	5 381	111	149	446	608	1 560	832	777	497	79	4	318	96
10,000 to \$14,999	4 798	78	72	289	382	1 212	800	894	588	145	11	327	105
15,000 to \$24,999	1 254	16	21	25	45	140	172	237	334	155	12	97	140
\$25,000 or more	220	10	-	5	7	10	16	21	71	53	9	18	173
Median	\$6 400	\$2 200	\$3 000	\$4 700	\$5 600	\$7 100	\$7 700	\$8 600	\$9 800	\$12 800	...	\$6 700	...
YEAR MOVED INTO UNIT													
1969 to March 1970	7 346	293	277	648	626	1 642	1 164	1 257	946	317	-	176	102
1968	3 757	182	203	356	368	851	579	559	447	124	7	81	97
1967	2 395	156	127	315	332	572	300	248	223	50	-	72	88
1965 and 1966	3 612	477	244	312	430	945	392	421	197	22	7	165	85
1960 to 1964	3 956	478	341	586	473	835	434	349	136	20	6	298	79
1950 to 1959	3 171	304	340	464	408	649	306	161	58	15	-	466	76
1949 or earlier	1 543	211	197	175	164	211	93	50	16	19	8	399	69
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	3 250	375	254	604	507	888	314	146	114	48	-	...	78
10 to 14 percent	5 715	273	329	571	744	1 743	916	696	363	74	6	...	91
15 to 19 percent	4 677	265	152	504	501	1 168	722	759	485	118	3	...	96
20 to 24 percent	2 760	219	236	248	191	500	468	481	330	81	6	...	99
25 to 34 percent	2 859	328	206	254	248	603	317	453	345	99	6	...	93
35 percent or more	4 654	521	585	659	594	827	503	439	384	122	20	...	79
Not computed	1 896	41	34	45	40	40	32	30	19	-	-	1 615	75
AIR CONDITIONING													
Room unit(s)	6 814	177	255	613	523	1 278	898	1 313	1 135	178	28	416	108
Central system	815	17	5	-	4	-	21	138	333	251	-	46	180
None	18 151	1 907	1 469	2 243	2 274	4 427	2 349	1 594	555	138	-	1 195	82

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 -----	70 247	5 156	2 936	3 090	3 188	3 268	3 847	15 104	21 460	9 881	2 317	9 700
ROOMS												
1 and 2 rooms -----	384	100	50	25	38	29	24	51	35	26	6	4 400
3 rooms -----	1 942	399	205	157	179	200	149	370	207	66	10	5 200
4 rooms -----	8 565	809	534	467	527	494	648	2 158	2 332	527	69	8 100
5 rooms -----	14 835	988	555	608	689	777	918	3 636	4 893	1 626	145	9 400
6 rooms -----	22 077	1 574	863	981	1 014	970	1 199	4 737	7 149	3 185	405	9 800
7 rooms or more -----	22 444	1 286	729	852	741	798	909	4 152	6 844	4 451	1 682	11 300
PERSONS												
1 person -----	8 733	3 356	1 243	1 021	884	565	497	691	357	65	54	2 800
2 persons -----	22 876	1 276	1 443	1 669	1 619	1 726	1 498	5 115	5 842	2 013	675	8 300
3 and 4 persons -----	25 769	371	188	285	492	743	1 251	6 345	10 085	5 033	976	11 600
5 persons -----	7 015	93	23	49	99	131	254	1 834	2 843	1 380	309	11 800
6 persons or more -----	5 854	60	39	66	94	103	347	1 119	2 333	1 390	303	12 400
Units with roomers, boarders, or lodgers -----	1 296	295	129	71	65	106	86	225	197	96	26	5 800
BEDROOMS												
Less than 3 -----	20 863	2 496	1 234	1 309	1 291	1 376	1 364	4 627	5 564	1 274	328	7 900
3 -----	34 285	1 987	855	1 376	1 293	1 589	1 767	8 278	11 229	4 800	1 111	10 000
4 or more -----	15 088	594	498	502	284	622	536	2 700	5 265	2 805	1 282	11 700
YEAR STRUCTURE BUILT												
1969 to March 1970 -----	984	22	19	40	16	37	43	226	361	189	31	11 200
1960 to 1968 -----	9 804	311	194	176	264	304	439	2 129	3 680	1 871	436	11 500
1950 to 1959 -----	12 627	455	367	326	359	425	580	2 534	4 698	2 339	544	11 300
1949 or earlier -----	46 832	4 368	2 356	2 548	2 549	2 502	2 785	10 215	12 721	5 482	1 306	8 900
YEAR MOVED INTO UNIT												
1969 to March 1970 -----	4 598	144	109	156	160	167	284	1 183	1 696	569	130	10 300
1968 -----	3 846	159	72	58	151	215	259	1 027	1 205	623	77	9 900
1960 to 1967 -----	21 930	706	646	613	724	764	1 106	5 287	7 815	3 537	732	10 700
1959 or earlier -----	39 876	4 139	2 239	2 247	2 239	2 033	2 219	7 413	10 559	5 531	1 257	9 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine -----	53 095	2 395	1 306	1 816	1 847	2 388	2 423	11 923	18 366	8 021	2 610	10 700
Clothes dryer -----	38 990	1 119	514	988	1 257	1 614	1 537	8 320	14 065	7 180	2 396	11 500
Dishwasher -----	11 846	178	118	163	229	274	152	1 712	4 064	3 159	1 797	13 800
Home food freezer -----	21 407	1 172	418	766	688	855	495	4 951	6 959	3 423	1 321	10 700
Owned second home -----	2 190	121	44	137	101	41	123	430	440	495	258	11 100
With air conditioning -----	23 243	710	571	646	768	812	1 054	4 393	7 969	4 769	1 551	11 700
Room unit(s) -----	20 940	661	521	586	733	781	974	4 137	7 377	4 058	1 112	11 400
Central system -----	2 303	49	50	60	35	31	80	256	592	711	439	15 000
Automobiles available:												
1 -----	32 978	1 737	1 575	1 743	2 046	2 076	2 537	9 124	9 240	2 481	419	8 600
2 -----	23 496	345	273	273	398	471	784	4 520	9 927	5 305	1 200	12 400
3 or more -----	5 247	29	18	38	50	43	83	446	1 645	2 343	552	16 200
Renter occupied housing units -----	27 276	4 132	1 970	2 106	1 870	2 342	2 367	5 767	5 142	1 339	241	6 500
ROOMS												
1 room -----	922	350	126	126	64	77	47	88	27	17	—	2 900
2 rooms -----	1 599	532	192	185	118	175	124	132	98	28	15	3 400
3 rooms -----	6 386	1 527	598	561	521	608	506	1 160	752	127	26	5 000
4 rooms -----	7 718	926	557	585	563	658	726	1 659	1 631	353	60	6 800
5 rooms -----	4 862	412	253	333	324	388	420	1 190	1 130	333	79	7 800
6 rooms or more -----	5 789	385	244	316	280	436	544	1 538	1 504	481	61	8 300
PERSONS												
1 person -----	8 308	2 942	1 081	989	770	733	478	824	348	95	48	3 100
2 persons -----	8 123	689	536	664	554	740	855	1 650	1 888	445	102	7 000
3 and 4 persons -----	7 528	369	283	312	335	614	722	2 291	2 016	524	62	8 500
5 persons -----	1 703	82	31	87	118	121	142	476	492	139	15	8 700
6 persons or more -----	1 614	50	39	54	93	134	170	526	398	136	14	8 500
Units with roomers, boarders, or lodgers -----	582	204	35	49	45	66	70	57	50	6	—	4 100
BEDROOMS												
None -----	940	367	54	183	59	47	87	36	62	45	—	3 300
1 -----	10 160	2 366	811	1 036	780	954	637	2 005	1 264	227	80	5 100
2 -----	9 403	1 139	570	528	789	535	697	2 388	1 769	584	114	7 200
3 or more -----	6 784	412	399	389	219	623	628	1 866	1 535	616	97	8 200
YEAR STRUCTURE BUILT												
1969 to March 1970 -----	294	19	6	5	—	10	31	64	78	57	24	10 800
1960 to 1968 -----	3 473	404	132	178	137	246	276	762	904	370	64	8 400
1950 to 1959 -----	1 977	289	168	159	153	156	158	394	342	121	37	6 400
1949 or earlier -----	21 532	3 420	1 664	1 764	1 580	1 930	1 902	4 547	3 818	791	116	6 200
YEAR MOVED INTO UNIT												
1969 to March 1970 -----	7 644	1 009	421	528	597	828	796	1 728	1 385	266	86	6 600
1968 -----	3 920	437	252	359	259	348	272	854	870	217	52	7 100
1960 to 1967 -----	10 550	1 685	874	791	650	858	940	2 117	2 056	542	37	6 400
1959 or earlier -----	5 159	1 002	469	416	381	400	370	874	962	237	48	5 800
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹ -----	25 811	3 993	1 859	1 994	1 772	2 289	2 251	5 381	4 798	1 254	220	6 400
Less than 15 percent -----	8 965	—	28	120	170	468	637	2 795	3 515	1 033	199	10 400
15 to 19 percent -----	4 677	50	90	236	511	789	738	1 377	771	112	3	6 900
20 to 24 percent -----	2 760	106	188	468	347	460	437	606	142	6	—	5 600
25 to 34 percent -----	2 859	254	535	686	447	397	233	269	32	6	—	3 900
35 percent or more -----	4 654	3 042	874	388	161	108	54	16	11	—	—	2000—
Not computed -----	1 896	541	144	96	136	67	152	318	327	97	18	5 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine -----	10 469	855	556	606	503	681	1 001	3 031	2 329	751	156	8 000
Clothes dryer -----	5 821	260	241	194	151	334	614	1 953	1 397	540	137	8 700
Dishwasher -----	2 149	129	—	76	43	78	172	443	528	490	190	11 300
Home food freezer -----	3 162	137	158	101	164	164	445	977	628	339	49	8 300
Owned second home -----	483	59	—	61	21	21	28	114	136	64	—	8 900
With air conditioning -----	7 777	597	398	356	511	538	614	1 759	2 187	689	128	8 500
Room unit(s) -----	6 955	563	359	332	460	510	569	1 602	1 981	496	83	8 300
Central system -----	822	34	39	24	51	28	45	157	206	193	45	10 800
Automobiles available:												
1 -----	13 159	736	668	923	1 027	1 465	1 506	3 540	2 690	514	90	7 200
2 -----	5 101	162	82	112	154	193	459	1 321	2 017	489	112	10 200
3 or more -----	745	12	14	15	14	27	18	147	256	242	—	12 500

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	70 247	67 698	40 233	25 370	1 911	184	2 549	1 715	668	130	36
PERSONS											
1 person	8 733	8 008	7 967	41	—	—	725	710	15	—	—
2 persons	22 876	22 009	21 060	944	—	—	867	789	78	—	—
3 persons	13 697	13 363	8 598	4 746	10	9	334	174	160	—	—
4 persons	12 072	11 841	2 086	9 707	44	4	231	26	191	10	4
5 persons	7 015	6 865	522	6 090	217	36	150	16	109	18	7
6 persons or more	5 854	5 612	—	3 842	1 640	130	242	—	115	102	25
Median	2.8	2.8	2.1	4.2	6.7	7.4	2.1	1.7	3.9	7.3	...
Units with roomers, boarders, or lodgers	1 296	1 203	636	458	94	15	93	32	57	4	—
YEAR STRUCTURE BUILT											
1969 to March 1970	967	953	401	534	18	—	14	9	5	—	—
1965 to 1968	3 736	3 720	1 772	1 805	129	14	16	9	7	—	—
1960 to 1964	6 087	6 012	2 918	2 845	236	13	75	44	13	6	12
1950 to 1959	12 614	12 419	6 475	5 509	419	16	195	125	58	5	7
1940 to 1949	4 756	4 538	2 592	1 826	120	—	218	98	104	16	—
1939 or earlier	42 090	40 031	26 226	12 704	985	116	2 059	1 428	491	120	20
INCOME IN 1969											
Less than \$2,000	5 156	4 571	4 178	354	28	11	585	530	55	—	—
\$2,000 to \$2,999	2 936	2 713	2 487	213	13	—	223	201	18	4	—
\$3,000 to \$3,999	3 090	2 909	2 643	241	25	—	181	155	22	4	—
\$4,000 to \$4,999	3 188	3 004	2 450	512	32	10	184	140	39	5	—
\$5,000 to \$5,999	3 268	3 041	2 343	649	45	4	227	159	58	10	—
\$6,000 to \$6,999	3 847	3 661	2 280	1 197	167	17	186	109	67	10	—
\$7,000 to \$9,999	15 104	14 681	7 687	6 524	434	36	423	207	152	39	25
\$10,000 to \$14,999	21 460	21 082	10 049	10 151	809	73	378	184	153	37	4
\$15,000 to \$24,999	9 881	9 750	4 581	4 842	294	33	131	25	78	21	7
\$25,000 or more	2 317	2 286	1 535	687	64	—	31	5	26	—	—
Median	\$9 700	\$9 900	\$8 500	\$11 500	\$11 300	\$11 000	\$5 400	\$3 800	\$8 500	\$9 500	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	58 884	57 116	34 116	21 351	1 528	121	1 768	1 182	471	98	17
Less than 1.5	30 733	29 771	15 354	13 238	1 073	106	962	468	393	88	13
1.5 to 1.9	9 903	9 728	5 475	3 998	250	5	175	152	18	5	—
2.0 to 2.4	5 809	5 687	3 517	2 070	95	—	122	99	23	—	—
2.5 to 2.9	3 141	3 030	2 104	887	39	—	111	97	5	5	4
3.0 to 3.9	3 363	3 232	2 529	654	44	5	131	123	8	—	—
4.0 or more	5 504	5 296	4 797	477	22	—	208	202	6	—	—
Not computed	431	372	340	27	5	—	59	41	18	—	—
HEATING EQUIPMENT											
Steam or hot water	33 690	33 056	20 756	11 486	752	62	634	472	128	25	9
Warm-air furnace	28 886	28 232	15 979	11 285	889	79	654	433	186	29	6
Built-in electric units	2 537	2 473	1 151	1 213	109	—	64	51	13	—	—
Floor, wall, or pipeless furnace	1 573	1 432	855	526	39	—	141	83	43	15	—
Other means	3 521	2 486	1 478	855	122	31	1 035	655	298	61	21
None	40	19	14	5	—	—	21	21	—	—	—
Renter occupied housing units	27 276	25 422	13 778	10 430	1 044	170	1 854	714	995	95	50
PERSONS											
1 person	8 308	7 318	6 902	416	—	—	990	512	478	—	—
2 persons	8 123	7 822	5 422	2 388	—	12	301	171	120	—	10
3 persons	4 570	4 387	1 188	3 149	50	—	183	20	146	11	6
4 persons	2 958	2 788	1 198	2 417	154	19	170	6	154	4	6
5 persons	1 703	1 600	68	1 306	180	46	103	5	68	24	6
6 persons or more	1 614	1 507	—	754	660	93	107	—	29	56	22
Median	2.2	2.2	1.5	3.3	6.0	6.2	1.4	1.2	1.7	...	...
Units with roomers, boarders, or lodgers	582	550	257	245	31	17	32	10	22	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970	325	316	200	100	16	—	9	—	9	—	—
1965 to 1968	2 074	2 074	1 103	940	33	—	—	—	—	—	—
1960 to 1964	1 390	1 378	810	526	34	8	12	6	6	—	—
1950 to 1959	1 957	1 920	873	924	115	8	37	20	11	6	—
1940 to 1949	1 920	1 787	856	845	86	—	133	57	70	—	6
1939 or earlier	19 605	17 878	9 882	7 143	725	128	1 727	674	917	88	48
INCOME IN 1969											
Less than \$2,000	4 132	3 548	2 797	667	79	5	584	302	272	—	10
\$2,000 to \$2,999	1 970	1 716	1 227	448	36	5	254	132	111	6	5
\$3,000 to \$3,999	2 106	1 921	1 337	536	44	4	185	57	128	—	—
\$4,000 to \$4,999	1 870	1 724	1 044	611	52	17	146	87	59	—	—
\$5,000 to \$5,999	2 342	2 221	1 217	901	80	23	121	26	89	—	6
\$6,000 to \$6,999	2 367	2 271	1 135	1 010	113	13	96	18	58	11	9
\$7,000 to \$9,999	5 767	5 534	2 199	2 928	343	64	233	55	119	51	8
\$10,000 to \$14,999	5 142	4 969	2 092	2 601	243	33	173	31	129	13	—
\$15,000 to \$24,999	1 339	1 277	662	662	45	6	62	6	30	14	12
\$25,000 or more	241	241	166	66	6	—	—	—	—	—	—
Median	\$6 500	\$6 700	\$5 400	\$8 100	\$8 000	\$7 800	\$3 500	\$2 400	\$3 900	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	25 811	24 121	13 210	9 806	949	156	1 690	652	914	79	45
Less than 10 percent	3 250	2 997	1 357	1 483	123	34	253	59	154	24	16
10 to 14 percent	5 715	5 431	2 401	2 224	271	35	284	88	171	15	10
15 to 19 percent	4 677	4 473	2 229	1 971	235	38	204	60	139	—	5
20 to 24 percent	2 760	2 602	1 396	1 142	106	18	98	29	46	18	5
25 to 34 percent	2 859	2 704	1 752	883	69	—	155	67	88	—	—
35 percent or more	4 654	4 194	3 026	1 029	114	25	460	223	232	—	5
Not computed	1 896	1 660	1 049	574	31	6	236	126	84	22	4
HEATING EQUIPMENT											
Steam or hot water	16 174	15 336	8 855	5 942	465	74	838	257	546	18	17
Warm-air furnace	6 671	6 450	3 163	2 848	386	53	221	87	117	11	6
Built-in electric units	1 131	1 114	628	462	18	—	17	4	13	—	—
Floor, wall, or pipeless furnace	628	572	264	273	30	—	56	31	25	—	—
Other means	2 640	1 944	868	905	139	32	696	314	289	66	27
None	32	6	—	—	6	—	26	21	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		70 247	80	304	1 942	8 565	14 835	22 077	10 745	11 699	5.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		66 252	29	210	1 640	7 889	14 044	20 833	10 217	11 390	5.9
PERSONS											
1 person	8 733	56	162	773	1 472	1 740	2 599	909	1 022	5.6	
2 persons	22 876	5	122	900	4 161	5 040	7 071	2 899	2 678	5.7	
3 persons	13 697	9	10	167	1 758	2 981	4 543	2 047	2 182	5.9	
4 persons	12 072	4	4	54	788	2 865	4 122	2 123	2 112	6.1	
5 persons	7 015	6	—	37	235	1 429	2 148	1 429	1 731	6.3	
6 persons or more	5 854	—	6	11	151	780	1 594	1 358	1 974	6.8	
Median	2.8	...	1.4	1.7	2.2	2.7	2.8	3.3	3.5	...	
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		67 698	61	233	1 732	8 131	14 419	21 385	10 401	11 336	5.9
0.50 or less	40 233	—	101	671	5 360	6 521	13 702	5 620	8 258	6.0	
0.51 to 1.00	25 370	41	112	976	2 424	7 154	7 083	4 619	2 961	5.8	
1.01 to 1.50	1 911	—	10	44	317	680	588	162	110	5.4	
1.51 or more	184	20	10	41	30	64	12	—	7	4.2	
Lacking some or all plumbing facilities		2 549	19	71	210	434	416	692	344	363	5.7
0.50 or less	1 715	—	61	102	273	259	511	235	274	5.8	
0.51 to 1.00	668	15	10	91	122	121	143	90	76	5.3	
1.01 to 1.50	130	—	—	10	18	32	38	19	13	5.6	
1.51 or more	36	4	—	7	21	4	—	—	—	...	
BEDROOMS											
None and 1	3 728	158	317	1 615	1 133	284	162	—	59	3.4	
2	17 135	—	—	468	6 840	6 300	2 538	576	413	4.7	
3	34 285	—	—	—	342	8 508	17 053	5 739	2 643	6.0	
4 or more	15 088	—	—	—	—	167	2 342	4 350	8 229	7.5+	
YEAR STRUCTURE BUILT											
1969 to March 1970	984	—	—	15	180	275	190	158	166	5.6	
1960 to 1968	9 804	16	—	280	1 528	2 880	2 179	1 487	1 418	5.6	
1950 to 1959	12 627	11	85	330	2 558	3 390	3 822	1 449	982	5.5	
1949 or earlier	46 832	53	203	1 317	4 299	8 290	15 886	7 651	9 133	6.1	
COMPLETE BATHROOMS											
1 and 1 1/2	58 881	29	195	1 490	7 542	13 221	19 303	8 687	8 414	5.9	
2 or more	7 651	9	21	170	400	891	1 601	1 559	3 000	7.0	
None or also used by another household	3 718	36	80	253	648	619	1 125	459	498	5.7	
VALUE-INCOME RATIO											
Specified owner occupied¹		58 884	49	142	811	5 966	12 391	20 026	9 574	9 925	6.0
Less than 1.5	30 733	23	74	375	3 147	6 135	10 594	4 903	5 482	6.0	
1.5 to 1.9	9 903	6	17	105	894	2 347	3 424	1 615	1 495	6.0	
2.0 to 2.9	8 950	8	19	92	849	1 977	2 870	1 622	1 513	6.0	
3.0 or more	8 867	6	27	212	965	1 889	3 005	1 401	1 362	5.9	
Not computed	431	6	5	27	111	43	133	33	73	5.7	
Renter occupied housing units		27 276	922	1 599	6 386	7 718	4 862	3 113	1 393	1 283	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		24 391	143	1 217	5 850	7 249	4 562	2 887	1 332	1 151	4.2
PERSONS											
1 person	8 308	894	1 198	3 367	1 666	712	288	88	95	3.1	
2 persons	8 123	22	299	2 209	3 057	1 507	628	232	169	4.0	
3 persons	4 570	6	61	586	1 714	995	791	185	232	4.5	
4 persons	2 958	—	25	158	986	829	441	315	204	4.9	
5 persons	1 703	—	6	46	204	464	490	275	218	5.8	
6 persons or more	1 614	—	10	20	91	355	475	298	365	6.2	
Median	2.2	1.0	1.2	1.4	2.2	2.7	3.3	4.1	4.2	...	
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		25 422	428	1 334	6 139	7 383	4 585	3 010	1 335	1 208	4.2
0.50 or less	13 778	—	1 006	3 247	4 574	2 096	1 652	483	720	4.1	
0.51 to 1.00	10 430	416	253	2 676	2 548	2 167	1 132	788	450	4.2	
1.01 to 1.50	1 044	—	50	154	246	287	210	59	38	4.8	
1.51 or more	170	12	25	62	15	35	16	5	—	3.3	
Lacking some or all plumbing facilities		1 854	494	265	247	335	277	103	58	75	3.2
0.50 or less	714	—	192	120	149	123	55	22	53	3.8	
0.51 to 1.00	995	478	46	119	152	121	25	32	22	1.9	
1.01 to 1.50	95	—	11	4	24	29	23	4	—	...	
1.51 or more	50	16	16	4	10	4	—	—	—	...	
BEDROOMS											
None	940	862	59	19	—	—	—	—	—	1.0	
1	10 160	—	1 584	6 600	1 730	176	35	—	35	3.0	
2	9 403	—	—	225	5 876	2 709	401	153	39	4.3	
3 or more	6 784	—	—	—	73	1 829	2 579	1 225	1 078	6.1	
YEAR STRUCTURE BUILT											
1969 to March 1970	294	5	6	21	151	73	17	—	21	4.3	
1960 to 1968	3 473	80	199	951	1 324	688	142	48	41	3.9	
1950 to 1959	1 977	43	90	383	595	545	192	83	46	4.3	
1949 or earlier	21 532	794	1 304	5 031	5 648	3 556	2 762	1 262	1 175	4.1	
COMPLETE BATHROOMS											
1 and 1 1/2	23 833	386	1 293	5 832	6 993	4 337	2 732	1 278	982	4.1	
2 or more	1 005	10	—	56	278	262	155	63	181	5.1	
None or also used by another household	2 435	552	322	319	437	358	224	96	127	3.6	
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied²		25 811	912	1 574	6 297	7 477	4 627	2 799	1 163	962	4.1
Less than 10 percent	3 250	143	167	657	953	709	384	149	88	4.2	
10 to 14 percent	5 715	142	277	1 326	1 837	1 023	642	298	170	4.1	
15 to 19 percent	4 677	121	277	979	1 424	1 010	533	167	166	4.2	
20 to 24 percent	2 760	60	147	657	832	531	301	130	118	4.0	
25 to 34 percent	2 859	88	135	790	818	473	343	94	110	4.1	
35 percent or more	4 654	310	456	1 678	1 161	558	234	135	122	3.4	
Not computed	1 896	48	115	210	452	323	362	190	196	4.9	

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

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

Table A-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	70 247	64 329	3 551	2 367	27 276	10 333	4 873	5 020	2 792	2 293	1 615	330
ROOMS												
1 room	80	58	14	8	922	56	13	91	148	145	461	8
2 rooms	304	171	91	42	1 599	210	134	605	338	136	162	14
3 rooms	1 942	926	656	360	6 386	801	1 469	1 776	1 208	668	377	87
4 rooms	8 565	6 396	985	1 184	7 718	2 018	1 879	1 611	743	848	462	157
5 rooms	14 835	13 406	809	620	4 862	2 287	914	740	295	429	138	59
6 rooms	22 077	21 381	574	122	3 113	2 480	342	165	30	56	15	25
7 rooms	10 745	10 578	146	21	1 393	1 264	77	27	4	4	—	—
8 rooms or more	11 699	11 413	276	10	1 283	1 217	45	5	9	7	—	—
Median	5.9	6.0	4.5	4.2	4.1	5.4	3.9	3.5	3.3	3.7	3.0	3.9
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	67 698	62 109	3 299	2 290	25 422	9 540	4 653	4 801	2 578	2 177	1 340	333
0.50 or less	40 233	37 019	2 126	1 088	13 778	4 472	2 517	3 028	1 559	1 289	789	124
0.51 to 1.00	25 370	23 260	1 053	1 057	10 430	4 398	1 905	1 631	937	849	520	190
1.01 to 1.50	1 911	1 698	95	118	1 044	593	199	126	55	33	19	19
1.51 or more	184	132	25	27	170	77	32	16	7	6	12	—
Lacking some or all plumbing facilities	2 549	2 220	252	77	1 854	793	220	219	214	116	275	17
0.50 or less	1 715	1 501	171	43	714	376	124	94	16	5	5	5
0.51 to 1.00	668	571	73	24	995	335	85	104	95	100	264	12
1.01 to 1.50	130	122	8	—	95	64	11	16	4	—	—	—
1.51 or more	36	26	—	10	50	18	—	5	21	—	6	—
BEDROOMS												
None	195	172	—	23	940	59	21	69	271	114	382	24
1	3 533	2 044	1 201	288	10 160	1 177	2 195	3 326	1 658	976	748	80
2	17 135	14 614	1 095	1 426	9 403	3 391	2 212	1 578	595	1 069	296	262
3	34 285	32 981	802	502	4 846	3 602	726	201	108	71	22	116
4 or more	15 088	14 750	278	60	1 938	1 781	83	74	—	—	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	984	755	5	224	294	76	5	7	8	139	54	5
1965 to 1968	3 880	3 111	19	750	2 106	198	106	40	66	1 009	608	79
1960 to 1964	5 924	5 188	25	711	1 367	350	61	124	110	283	313	126
1950 to 1959	12 627	12 031	67	529	1 977	1 217	117	328	68	114	32	101
1940 to 1949	4 851	4 714	99	38	1 901	1 056	274	293	154	86	19	19
1939 or earlier	41 981	38 530	3 336	115	19 631	7 436	4 310	4 228	2 386	662	589	20
INCOME IN 1969												
Less than \$2,000	5 156	4 557	400	199	4 132	1 243	678	862	619	285	410	35
\$2,000 to \$2,999	2 936	2 534	265	137	1 970	607	304	505	247	109	161	37
\$3,000 to \$3,999	3 090	2 682	283	125	2 106	685	346	445	297	153	138	42
\$4,000 to \$4,999	3 188	2 786	241	161	1 870	673	328	446	210	120	69	24
\$5,000 to \$5,999	3 268	2 869	288	111	2 342	762	450	513	309	170	91	47
\$6,000 to \$6,999	3 847	3 319	292	236	2 367	952	455	392	287	173	70	38
\$7,000 to \$9,999	15 104	13 810	652	642	5 767	2 603	1 128	906	413	414	241	62
\$10,000 to \$14,999	21 460	20 048	761	651	5 142	2 119	1 013	786	328	571	265	60
\$15,000 to \$24,999	9 881	9 498	298	85	1 339	580	160	137	66	255	136	5
\$25,000 or more	2 317	2 226	71	20	241	109	11	28	16	43	34	—
Median	\$9 700	\$9 900	\$7 000	\$8 000	\$6 500	\$7 300	\$6 700	\$5 500	\$5 100	\$8 000	\$5 300	\$5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	4 598	3 869	185	544	7 644	2 409	1 209	1 409	790	997	620	210
1968	3 846	3 287	200	359	3 920	1 212	710	709	459	470	337	23
1967	3 276	2 769	201	306	2 513	924	528	416	286	147	183	29
1965 and 1966	6 303	5 679	207	417	3 806	1 563	639	662	376	291	275	—
1960 to 1964	12 351	11 393	499	459	4 231	1 857	746	801	412	201	189	25
1950 to 1959	18 760	17 667	867	226	3 149	1 354	583	667	376	129	28	12
1949 or earlier	21 116	19 537	1 495	84	2 010	1 121	325	263	182	77	42	—
GROSS RENT												
Specified renter occupied! .....	...	...	...	...	25 811	8 868	4 873	5 020	2 792	2 293	1 615	350
Less than \$50 .....	...	...	...	...	2 022	587	209	375	326	193	324	8
\$50 to \$59 .....	...	...	...	...	1 796	445	279	558	382	62	59	11
\$60 to \$69 .....	...	...	...	...	2 885	697	575	745	544	111	187	26
\$70 to \$79 .....	...	...	...	...	2 825	586	822	828	377	152	49	11
\$80 to \$99 .....	...	...	...	...	5 769	1 832	1 721	1 290	632	148	88	58
\$100 to \$119 .....	...	...	...	...	3 272	1 500	596	598	269	114	97	98
\$120 to \$149 .....	...	...	...	...	3 004	1 331	323	349	145	538	271	47
\$150 to \$199 .....	...	...	...	...	2 040	521	113	145	74	765	390	32
\$200 to \$299 .....	...	...	...	...	542	191	—	21	16	179	130	5
\$300 or more .....	...	...	...	...	41	16	11	5	—	—	9	—
No cash rent .....	...	...	...	...	1 615	1 162	224	106	27	31	11	54
Median .....	...	...	...	...	\$88	\$97	\$85	\$79	\$73	\$140	\$120	\$107
HEATING EQUIPMENT												
Steam or hot water	33 690	31 022	2 595	73	16 174	4 442	3 271	3 930	2 314	1 261	935	21
Warm-air furnace	28 886	26 396	718	1 772	6 671	3 616	1 053	539	235	591	448	189
Built-in electric units	2 537	2 427	43	67	1 131	334	77	140	70	346	159	5
Floor, wall, or pipeless furnace	1 573	1 427	64	82	628	363	85	70	28	46	36	—
Other means	3 521	3 022	126	373	2 640	1 551	382	341	145	49	37	135
None	40	35	5	—	32	27	5	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	20 940	19 110	1 147	683	6 955	1 745	1 102	1 348	713	1 198	801	48
Central system	2 303	2 218	32	53	822	86	87	52	6	389	202	—
None	47 007	42 873	2 475	1 659	19 496	8 609	3 551	3 527	2 162	725	671	251
AUTOMOBILES AVAILABLE												
1	32 978	29 790	1 905	1 283	13 159	5 253	2 401	2 301	1 204	1 088	741	171
2	23 496	21 878	852	766	5 101	2 333	919	696	269	572	236	76
3 or more	5 247	4 995	126	126	745	490	67	51	50	78	9	—
None	8 529	7 538	771	220	8 268	2 364	1 353	1 879	1 358	574	688	52

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	70 247	1 260	8 230	12 636	23 956	8 136	1 756	714	3 052	1 774	3 736	4 997
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	67 698	1 230	8 102	12 411	23 375	7 740	1 649	642	2 929	1 612	3 488	4 520
0.50 or less	40 233	556	2 178	2 957	14 825	6 663	1 159	509	2 030	1 389	3 451	4 516
0.51 to 1.00	25 370	651	5 469	8 447	8 117	1 050	448	127	816	204	37	4
1.01 to 1.50	1 911	23	415	938	393	27	37	-	72	6	-	-
1.51 or more	184	-	40	69	40	-	5	6	11	13	-	-
Lacking some or all plumbing facilities	2 549	30	128	225	581	396	107	72	123	162	248	477
0.50 or less	1 715	10	32	47	318	302	43	48	73	132	233	477
0.51 to 1.00	668	14	72	112	214	81	64	24	47	25	15	-
1.01 to 1.50	130	-	24	58	36	4	-	-	3	5	-	-
1.51 or more	36	6	-	8	13	9	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	64 329	890	7 531	11 972	22 546	7 411	1 607	653	2 712	1 640	3 042	4 325
2 or more	3 551	70	233	347	931	602	68	46	221	119	424	490
Mobile home or trailer	2 367	300	466	317	479	123	81	15	119	15	270	182
INCOME IN 1969												
Less than \$2,000	5 156	28	53	119	269	619	69	101	262	280	757	2 599
\$2,000 to \$2,999	2 936	11	28	44	150	989	41	87	148	195	315	928
\$3,000 to \$3,999	3 090	32	49	71	313	1 125	36	49	252	142	456	565
\$4,000 to \$4,999	3 188	48	89	182	444	1 049	68	46	261	117	588	296
\$5,000 to \$5,999	3 268	44	206	194	721	834	135	55	369	145	409	156
\$6,000 to \$6,999	3 847	205	442	481	1 095	508	151	36	279	153	377	120
\$7,000 to \$9,999	15 104	444	3 068	2 803	5 374	1 277	456	120	602	269	518	173
\$10,000 to \$14,999	21 460	390	3 421	5 732	8 982	1 038	468	132	584	356	241	116
\$15,000 to \$24,999	9 881	47	768	2 568	5 289	477	247	73	241	106	44	19
\$25,000 or more	2 317	11	106	442	1 319	220	85	15	54	11	29	25
Median	\$9 700	\$8 800	\$10 300	\$12 100	\$12 000	\$5 300	\$9 500	\$6 500	\$6 800	\$6 100	\$4 600	\$200-
VALUE-INCOME RATIO												
Specified owner occupied ¹	58 884	857	7 116	11 015	20 357	6 722	1 399	615	2 545	1 492	2 827	3 939
Less than 1.5	30 733	477	3 600	6 565	13 672	2 140	965	298	1 167	646	809	394
1.5 to 1.9	9 903	192	1 698	2 149	3 417	981	156	52	331	216	505	206
2.0 to 2.4	5 809	85	940	1 258	1 586	823	109	49	286	124	265	284
2.5 to 2.9	3 141	36	480	454	679	744	50	43	127	58	226	244
3.0 to 3.9	3 363	29	283	346	526	788	30	59	250	157	257	638
4.0 or more	5 504	33	110	221	451	1 213	72	98	313	287	639	2 067
Not computed	431	5	5	22	26	33	17	16	71	4	126	106
Renter occupied housing units	27 276	2 629	4 418	2 330	3 750	1 513	815	211	2 843	459	4 879	3 429
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	25 422	2 551	4 313	2 186	3 541	1 445	773	161	2 714	420	4 284	3 034
0.50 or less	13 778	878	1 022	451	1 742	956	356	103	1 051	317	4 015	2 887
0.51 to 1.00	10 430	1 595	2 927	1 407	1 669	473	359	53	1 433	98	269	147
1.01 to 1.50	1 044	72	350	273	97	11	33	5	198	5	-	-
1.51 or more	170	6	14	55	33	5	25	-	32	-	-	-
Lacking some or all plumbing facilities	1 854	78	105	144	209	68	42	50	129	39	595	395
0.50 or less	714	-	22	11	49	28	16	10	52	14	247	265
0.51 to 1.00	995	61	58	77	136	35	20	34	71	25	348	130
1.01 to 1.50	95	11	8	56	14	-	-	-	6	-	-	-
1.51 or more	50	6	17	-	10	5	6	6	-	-	-	-
UNITS IN STRUCTURE												
1	10 333	735	2 020	1 505	1 860	583	339	92	1 326	195	954	724
2 to 4	9 893	1 177	1 529	573	1 155	586	288	66	933	190	2 045	1 351
5 to 19	5 085	474	651	226	549	243	144	40	497	60	1 301	900
20 or more	1 615	140	156	15	147	95	26	9	47	10	543	427
Mobile home or trailer	350	103	62	11	39	6	18	4	40	4	36	27
GROSS RENT												
Specified renter occupied ²	25 811	2 521	4 063	2 023	3 453	1 447	753	198	2 752	449	4 779	3 373
Less than \$50	2 022	-	33	46	93	115	40	28	118	30	696	823
\$50 to \$59	1 796	68	66	23	117	130	28	11	245	20	547	541
\$60 to \$69	2 885	154	182	148	349	151	77	38	358	65	861	502
\$70 to \$79	2 825	318	329	143	388	175	60	25	263	98	697	329
\$80 to \$99	5 769	843	1 142	470	783	265	218	38	709	72	745	484
\$100 to \$119	3 272	464	706	383	483	156	86	5	421	60	322	186
\$120 to \$149	3 004	405	735	329	407	114	90	3	293	13	477	138
\$150 to \$199	2 040	199	557	215	328	135	61	5	182	16	209	133
\$200 to \$299	542	6	103	71	155	48	47	-	53	11	26	22
\$300 or more	41	-	13	7	6	6	-	3	-	-	6	6
No cash rent	1 615	64	197	188	344	152	46	42	110	64	199	209
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	25 811	2 521	4 063	2 023	3 453	1 447	753	198	2 752	449	4 779	3 373
Less than \$5,000	9 618	306	248	116	307	771	229	127	1 578	265	2 652	3 019
Less than 20 percent	1 205	15	15	25	63	130	17	-	157	29	516	238
20 to 24 percent	1 109	28	23	21	32	141	15	10	233	18	357	231
25 to 34 percent	1 922	137	66	25	68	185	51	11	365	56	531	427
35 percent or more	4 465	115	100	35	113	232	105	92	724	118	966	1 865
Not computed	917	11	44	10	31	83	41	14	99	44	282	258
\$5,000 to \$9,999	9 921	1 577	2 095	826	1 548	473	370	32	904	84	1 747	265
Less than 20 percent	6 804	1 170	1 449	503	1 108	285	226	15	482	63	1 333	170
20 to 24 percent	1 503	190	306	160	177	50	92	-	238	8	241	41
25 to 34 percent	899	153	197	54	105	50	42	-	146	5	108	39
35 percent or more	178	17	32	23	10	40	10	4	14	4	18	10
Not computed	537	47	111	86	148	48	-	17	24	4	47	5
\$10,000 to \$14,999	4 798	600	1 402	840	1 040	115	112	15	260	70	295	49
Less than 20 percent	4 286	589	1 299	738	905	79	101	5	196	54	271	49
20 to 24 percent	142	-	39	27	32	4	6	-	28	-	6	-
25 percent or more	43	-	17	13	3	-	-	-	-	-	10	-
Not computed	327	11	47	62	100	32	5	10	36	16	8	-
\$15,000 or more	1 474	38	318	241	558	88	42	24	10	30	85	40
Less than 20 percent	1 347	38	318	211	493	82	37	19	-	30	85	34
20 to 24 percent	6	-	-	-	-	-	-	-	-	-	-	6
25 percent or more	6	-	-	-	-	-	-	-	-	-	-	-
Not computed	115	-	-	30	65	-	5	5	10	-	-	-

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

Table 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	70 247	8 733	22 876	13 697	12 072	7 015	3 364	1 600	890	2.8
BEDROOMS										
None and 1	3 728	1 467	1 806	302	84	58	-	11	-	1.7
2	17 135	2 976	8 387	3 782	1 376	471	103	40	-	2.2
3	34 285	3 252	9 857	6 703	7 914	4 294	1 636	461	168	3.1
4 or more	15 088	907	2 916	2 720	2 728	2 506	1 895	849	567	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	984	46	259	204	240	139	51	30	15	3.4
1965 to 1968	3 880	161	1 098	805	981	545	176	81	33	3.3
1960 to 1964	5 924	351	1 609	1 241	1 389	830	358	101	45	3.3
1950 to 1959	12 627	1 010	4 003	2 758	2 630	1 277	615	243	91	3.0
1940 to 1949	4 851	527	1 682	1 060	840	432	171	103	36	2.7
1939 or earlier	41 981	6 638	14 225	7 629	5 992	3 792	1 993	1 042	670	2.5
UNITS IN STRUCTURE										
1	64 329	7 367	20 676	12 603	11 449	6 640	3 218	1 530	846	2.8
2 or more	3 551	914	1 426	575	295	207	83	33	18	2.1
Mobile home or trailer	2 367	452	774	519	328	168	63	37	26	2.4
COMPLETE BATHROOMS										
1 and 1 1/2	58 881	7 266	19 361	11 739	10 128	5 768	2 604	1 341	674	2.7
2 and 2 1/2	6 722	467	1 844	1 354	1 337	854	520	219	127	3.3
3 or more	929	61	325	162	191	96	46	32	16	3.0
None or also used by another household	3 718	941	1 332	516	386	196	140	95	112	2.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	61 514	...	22 876	13 697	12 072	7 015	3 364	1 600	890	3.1
Male head, wife present, no nonrelatives	54 218	...	18 912	11 877	11 300	6 602	3 212	1 501	814	3.2
Under 25 years	1 260	...	304	555	277	74	18	6	4	3.1
25 to 34 years	8 230	...	789	1 739	2 917	1 767	673	258	87	4.0
35 to 44 years	12 636	...	1 064	1 981	3 856	2 820	1 670	771	474	4.3
45 to 64 years	23 956	...	10 352	6 409	3 940	1 807	777	431	240	2.8
65 years and over	8 136	...	6 401	1 193	290	134	74	35	9	2.1
Other male head	2 470	...	1 254	662	286	145	57	40	26	2.5
Under 65 years	1 756	...	819	483	222	133	44	29	26	2.6
65 years and over	714	...	435	179	64	12	13	11	-	2.3
Female head	4 826	...	2 710	1 158	486	268	95	59	50	2.4
Under 65 years	3 052	...	1 544	760	368	207	84	43	46	2.5
65 years and over	1 774	...	1 166	398	118	61	11	16	4	2.3
One-person households	8 733	8 733	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	58 884	6 766	18 950	11 603	10 632	6 069	2 848	1 321	695	2.8
Less than 1.5	30 733	1 203	8 662	7 322	6 419	3 745	1 931	932	519	3.3
1.5 to 1.9	9 903	711	3 294	1 977	2 105	1 122	425	187	82	3.0
2.0 to 2.4	5 809	549	2 144	1 059	1 064	607	249	88	49	2.7
2.5 to 2.9	3 141	470	1 303	453	478	249	102	58	28	2.3
3.0 to 3.9	3 363	895	1 420	394	317	214	83	33	7	2.1
4.0 or more	5 504	2 706	1 991	362	244	126	58	12	5	1.5
Not computed	431	232	136	36	5	6	-	11	5	1.4
Renter occupied housing units	27 276	8 308	8 123	4 570	2 958	1 703	848	489	277	2.2
BEDROOMS										
None	940	877	42	21	-	-	-	-	-	1.0
1	10 160	5 633	3 510	707	187	107	16	-	-	1.4
2	9 403	1 459	3 508	2 567	1 497	181	105	59	27	2.4
3 or more	6 784	468	991	1 439	1 291	1 093	717	520	265	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	294	42	128	59	33	27	5	-	-	2.3
1965 to 1968	2 106	605	754	414	261	52	15	5	-	2.1
1960 to 1964	1 367	437	522	239	87	57	11	14	-	2.0
1950 to 1959	1 977	503	529	316	315	183	69	40	22	2.4
1940 to 1949	1 901	447	562	408	279	120	63	17	5	2.4
1939 or earlier	19 631	6 274	5 628	3 134	1 983	1 264	685	413	250	2.1
UNITS IN STRUCTURE										
1	10 333	1 678	2 369	1 980	1 692	1 330	627	426	231	3.1
2	4 873	2 287	1 786	925	479	202	144	29	21	2.1
3 and 4	5 020	2 109	1 693	770	328	50	40	15	15	1.7
5 to 9	2 792	1 345	932	296	128	45	32	10	4	1.6
10 to 19	2 293	856	835	326	227	39	-	4	6	1.8
20 or more	1 615	970	394	172	61	18	-	-	-	1.3
Mobile home or trailer	350	63	114	101	43	19	5	5	-	2.5
COMPLETE BATHROOMS										
1 and 1 1/2	23 833	6 926	7 424	4 077	2 528	1 580	697	374	227	2.2
2 or more	1 005	140	312	220	180	73	48	18	14	2.7
None or also used by another household	2 435	1 244	400	234	243	142	63	78	31	1.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	18 968	...	8 123	4 570	2 958	1 703	848	489	277	2.8
Male head, wife present, no nonrelatives	14 640	...	5 862	3 628	2 444	1 396	677	411	222	2.9
Under 25 years	2 629	...	1 143	1 078	316	61	31	-	-	2.7
25 to 34 years	4 418	...	1 104	1 165	1 069	612	266	156	46	3.4
35 to 44 years	2 330	...	385	394	539	455	253	170	132	2.4
45 to 64 years	3 750	...	1 925	847	466	261	122	85	44	2.5
65 years and over	1 513	...	1 305	142	54	7	5	-	-	2.1
Other male head	1 026	...	603	205	114	67	24	4	9	2.4
Under 65 years	815	...	458	149	104	67	24	4	9	2.4
65 years and over	211	...	145	56	10	6	-	-	-	2.2
Female head	3 302	...	1 658	737	400	240	147	74	46	2.5
Under 65 years	2 843	...	1 281	689	380	235	138	74	46	2.7
65 years and over	459	...	377	48	20	5	9	-	-	2.1
One-person households	8 308	8 308	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	25 811	8 152	7 790	4 328	2 714	1 498	704	394	231	2.1
Less than 10 percent	3 250	505	1 234	686	448	216	76	51	34	2.4
10 to 14 percent	5 715	1 024	2 095	1 191	699	371	195	81	59	2.4
15 to 19 percent	4 677	1 167	1 355	905	655	277	162	104	52	2.4
20 to 24 percent	2 760	882	714	435	349	195	87	54	44	2.2
25 to 34 percent	2 859	1 115	916	381	203	138	46	43	17	1.8
35 percent or more	4 654	2 859	939	413	165	153	67	38	20	1.3
Not computed	1 896	600	537	317	195	148	71	23	5	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	608	122	177	309	Vacant for rent	1 090	540	291	259
ROOMS					ROOMS				
1 to 3 rooms	39	8	4	27	1 room	128	68	41	19
4 rooms	99	10	21	68	2 rooms	111	61	30	20
5 rooms	93	22	43	28	3 rooms	247	115	87	45
6 rooms	164	24	51	89	4 rooms	333	174	78	81
7 rooms or more	213	58	58	97	5 rooms	138	72	26	40
					6 rooms	66	38	9	19
					7 rooms or more	67	12	20	35
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	522	111	163	248	With all plumbing facilities	908	474	219	215
Lacking some or all plumbing facilities	86	11	14	61	Lacking some or all plumbing facilities	182	66	72	44
BEDROOMS					BEDROOMS				
None and 1	36	17	-	19	None	167	136	31	-
2	220	17	51	152	1	328	164	78	86
3	192	77	29	86	2	421	245	60	116
4 or more	182	12	91	79	3 or more	143	34	46	63
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	31	27	-	4	1969 to March 1970	78	43	12	23
1960 to 1968	41	4	26	11	1960 to 1968	99	52	17	30
1950 to 1959	74	9	36	29	1950 to 1959	69	50	5	14
1949 or earlier	462	82	115	265	1949 or earlier	844	395	257	192
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	524	114	160	250	1	339	114	93	132
2 or more	84	8	17	59	2 to 4	332	190	95	47
					5 to 9	176	96	56	24
					10 to 19	188	102	41	45
					20 or more	55	38	6	11
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	269	41	86	142	Specified vacant for rent ²	1 020	599	259	232
Warm-air furnace	229	48	68	113	Less than \$50	244	107	89	48
Built-in electric units	33	7	15	11	\$50 to \$59	126	62	33	31
Floor, wall, or pipeless furnace	19	-	3	16	\$60 to \$79	343	186	89	68
Other means	39	26	5	8	\$80 to \$99	104	68	17	19
None	19	-	-	19	\$100 to \$119	37	15	6	16
					\$120 to \$149	83	56	7	20
					\$150 to \$199	52	15	15	22
					\$200 or more	31	20	3	8
					Median rent asked	\$68	\$70	\$62	\$71
SALES PRICE ASKED									
Specified vacant for sale ¹	476	102	147	227					
Less than \$5,000	108	16	25	67					
\$5,000 to \$9,999	171	29	36	106					
\$10,000 to \$14,999	88	15	42	31					
\$15,000 to \$19,999	20	-	12	8					
\$20,000 to \$24,999	33	7	18	8					
\$25,000 to \$34,999	29	22	4	3					
\$35,000 to \$49,999	17	9	4	4					
\$50,000 or more	10	4	6	6					
Median price asked	\$8 800	\$12 000	\$11 500	\$6 800					

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

Table 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	476	279	88	20	33	29	27	1 020	370	343	104	120	52	31
PLUMBING FACILITIES														
With all plumbing facilities	396	195	79	14	59	13	36	831	210	254	110	105	91	61
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	196	166	30	-	-	-	-
BEDROOMS														
None and 1	19	-	-	-	19	-	-	495	245	123	76	51	-	-
2	99	69	-	14	16	-	-	404	114	91	17	54	80	48
3	146	109	-	-	24	13	-	65	17	24	-	-	11	13
4 or more	132	17	79	-	-	-	36	63	-	46	17	-	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	31	-	-	-	7	15	9	74	-	-	-	37	33	4
1960 to 1968	34	4	4	7	15	-	4	93	9	14	2	28	17	23
1950 to 1959	74	27	13	6	11	7	10	69	30	20	12	5	2	-
1949 or earlier	337	248	71	7	-	7	4	784	331	309	90	50	-	4
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	269	77	110	40	33	9	-
2 to 4 .....	...	...	...	...	...	...	...	332	121	141	38	28	-	4
5 to 19 .....	...	...	...	...	...	...	...	364	145	82	22	49	43	23
20 or more .....	...	...	...	...	...	...	...	55	27	10	4	10	-	4
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	248	109	72	22	20	21	4
Some or no utilities included .....	...	...	...	...	...	...	...	772	261	271	82	100	31	27

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)

Reading	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	16 409	1 489	4 582	5 097	2 232	1 050	895	418	282	257	107	8 500
ROOMS												
1 and 2 rooms	12	—	—	4	—	—	4	—	—	—	—	...
3 rooms	127	17	28	50	15	5	6	6	6	—	—	8 400
4 rooms	795	273	283	81	41	36	33	44	—	4	—	6 100
5 rooms	2 434	467	888	492	198	135	156	55	33	5	5	7 100
6 rooms	5 352	426	1 636	1 518	639	494	347	162	78	47	5	8 500
7 rooms	2 972	161	848	1 069	342	121	196	70	91	67	7	8 600
8 rooms or more	4 717	145	899	1 883	997	259	159	77	74	134	90	9 200
Median	6.4	5.5	6.2	6.9	7.2	6.2	6.2	6.1	6.8	7.5	7.5+	...
PERSONS												
1 person	2 683	522	892	705	291	115	77	35	20	11	15	7 300
2 persons	5 415	529	1 528	1 547	619	459	311	173	110	112	27	8 600
3 persons	3 110	141	894	1 091	445	164	159	85	70	47	14	8 700
4 persons	2 403	122	586	837	347	199	143	61	43	52	13	9 000
5 persons	1 498	45	370	512	296	59	102	41	35	18	20	9 100
6 persons or more	1 300	130	312	405	234	54	103	23	4	17	18	8 800
Median	2.5	1.9	2.4	2.8	3.0	2.4	2.9	2.5	2.7	2.6	3.3	...
Units with roomers, boarders, or lodgers	380	44	128	122	49	5	32	—	—	—	—	7 900
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	16 157	1 403	4 505	5 064	2 205	1 041	890	403	282	257	107	8 600
0.50 or less	11 281	1 051	3 156	3 536	1 460	780	531	278	203	210	76	8 500
0.51 to 1.00	4 523	257	1 239	1 457	726	243	332	118	79	41	31	8 800
1.01 to 1.50	296	64	101	59	19	13	27	7	—	6	—	7 100
1.51 or more	57	31	9	12	—	5	—	—	—	—	—	...
Lacking some or all plumbing facilities	252	86	77	33	27	9	5	15	—	—	—	6 300
0.50 or less	198	81	59	23	16	9	5	5	—	—	—	5 800
0.51 to 1.00	50	5	18	10	11	—	—	6	—	—	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	4	—	—	—	—	—	—	4	—	—	—	...
BEDROOMS												
None and 1	428	119	185	77	24	—	23	—	—	—	—	6 300
2	2 966	796	913	675	248	81	61	114	39	39	—	6 900
3	7 589	542	2 196	2 382	819	740	469	213	208	20	—	8 600
4 or more	5 532	271	1 362	1 896	1 130	169	294	109	75	113	113	9 000
YEAR STRUCTURE BUILT												
1969 to March 1970	24	—	—	—	—	—	10	5	—	—	—	...
1965 to 1968	66	—	—	—	—	5	11	9	—	—	—	...
1960 to 1964	198	5	5	—	6	5	36	59	42	22	7	...
1950 to 1959	654	5	15	24	42	71	135	110	110	96	46	23 200
1940 to 1949	511	26	66	76	32	39	130	86	39	12	5	21 600
1939 or earlier	14 956	1 453	4 496	4 997	2 142	930	573	152	73	91	49	8 300
COMPLETE BATHROOMS												
1 and 1 1/2	14 597	1 174	4 187	4 780	2 061	998	787	301	220	82	7	8 500
2 and 2 1/2	796	13	90	145	90	61	101	59	57	135	45	15 000
3 or more	164	—	—	10	11	8	13	8	13	74	48	43 100
None or also used by another household	683	209	258	132	37	11	8	22	—	6	—	6 300
HOUSEHOLD COMPOSITION												
Two-or-more-person households	13 726	967	3 690	4 392	1 941	935	818	383	262	246	92	8 800
Male head, wife present, no nonrelatives	11 130	618	2 826	3 588	1 665	845	726	337	229	226	70	9 000
Under 25 years	254	14	69	93	55	14	9	—	—	—	—	8 700
25 to 34 years	1 383	62	323	522	313	57	71	14	10	—	11	9 000
35 to 44 years	2 197	91	453	775	336	200	178	47	45	57	15	9 300
45 to 64 years	5 261	261	1 414	1 605	721	417	347	199	135	123	39	9 000
65 years and over	2 035	190	567	593	240	157	121	77	39	46	5	8 600
Other male head	847	131	276	234	113	34	19	11	12	5	12	7 700
Under 65 years	612	99	219	152	86	19	19	—	6	—	12	7 400
65 years and over	235	32	57	82	27	15	—	11	6	5	—	8 400
Female head	1 749	218	588	570	163	73	35	21	15	10	10	7 800
Under 65 years	1 051	143	354	322	106	22	27	31	21	15	10	7 700
65 years and over	698	75	234	248	57	34	46	4	—	—	—	7 900
One-person households	2 683	522	892	705	291	115	77	35	20	11	15	7 300
Under 65 years	1 126	193	409	311	98	34	44	17	9	6	5	7 300
65 years and over	1 557	329	483	394	193	81	33	18	11	5	10	7 300
INCOME IN 1969												
Less than \$2,000	1 679	364	576	462	131	55	45	23	13	5	5	7 100
\$2,000 to \$2,999	823	151	264	239	93	44	21	11	—	—	—	7 500
\$3,000 to \$3,999	835	107	291	253	97	35	35	11	6	—	—	7 700
\$4,000 to \$4,999	929	181	283	239	116	56	15	23	16	—	—	7 500
\$5,000 to \$5,999	864	108	327	258	97	49	17	5	—	—	—	7 500
\$6,000 to \$6,999	1 027	85	384	322	132	25	40	29	5	5	3	7 800
\$7,000 to \$9,999	3 844	265	1 147	1 357	503	263	186	56	39	28	—	8 400
\$10,000 to \$14,999	4 312	173	978	1 435	751	389	337	132	55	57	5	9 300
\$15,000 to \$24,999	1 706	48	311	495	286	111	158	114	99	63	21	10 000
\$25,000 or more	390	7	21	37	26	23	41	14	49	99	73	30 300
Median	\$8 600	\$4 700	\$7 400	\$8 700	\$9 700	\$10 000	\$11 300	\$11 900	\$15 700	\$20 300	\$37 800	...
YEAR MOVED INTO UNIT												
1969 to March 1970	791	35	165	281	176	32	63	9	24	—	6	9 200
1968	576	30	135	195	87	49	40	12	7	14	7	9 000
1967	644	19	145	231	122	25	58	12	7	17	8	9 200
1965 and 1966	1 041	62	270	317	145	34	83	37	22	53	18	9 000
1960 to 1964	2 348	176	482	781	370	161	150	92	65	71	—	9 200
1950 to 1959	4 671	406	1 299	1 340	588	358	306	124	137	73	40	8 700
1949 or earlier	6 169	668	2 039	1 922	711	411	204	109	15	69	21	8 000
HEATING EQUIPMENT												
Steam or hot water	7 824	591	1 930	2 390	1 202	626	543	255	123	113	51	9 000
Warm-air furnace	7 512	590	2 352	2 499	904	372	329	152	131	131	52	8 300
Built-in electric units	140	8	19	36	20	9	7	11	13	13	4	10 900
Floor, wall, or pipeless furnace	257	—	85	48	20	18	—	—	—	—	—	6 400
Other means	676	218	196	124	86	25	16	—	11	—	—	6 500
None	—	—	—	—	—	—	—	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	4 999	164	932	1 810	782	377	435	193	131	126	49	9 400
Central system	297	5	23	27	29	12	31	27	52	64	24	23 400
None	10 944	1 224	3 580	3 230	1 388	681	438	175	94	107	27	8 000

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

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

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

Reading	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	13 452	1 487	1 340	1 962	1 702	3 112	1 655	1 058	538	131	9	458	80
ROOMS													
1 room	675	312	79	168	22	5	76	6	—	—	—	7	53
2 rooms	1 110	319	281	195	82	118	33	63	8	—	—	11	58
3 rooms	3 927	556	550	791	640	827	260	158	88	10	3	44	71
4 rooms	3 359	228	294	477	573	914	356	201	207	34	—	75	81
5 rooms	2 077	60	85	232	278	643	344	214	89	26	—	106	89
6 rooms	1 211	—	39	76	75	408	265	143	56	32	6	111	98
7 rooms	553	—	12	13	27	133	172	105	41	17	—	33	109
8 rooms or more	540	12	—	10	5	64	149	168	49	12	—	71	119
Median	3.8	2.7	3.1	3.3	3.7	4.2	4.8	5.0	4.3	5.3	...	5.4	...
PERSONS													
1 person	5 334	1 171	899	976	735	697	362	201	113	28	—	152	65
2 persons	3 866	226	260	590	537	1 211	485	267	131	27	6	126	84
3 persons	1 825	41	65	169	200	602	288	217	111	25	3	104	92
4 persons	1 085	33	96	106	146	284	155	136	75	15	—	39	91
5 persons	608	11	15	56	49	147	155	91	44	19	—	21	102
6 persons or more	734	5	5	65	35	171	210	146	64	17	—	16	107
Median	1.9	1.1	1.2	1.5	1.7	2.2	2.5	2.8	2.7	2.9	...	2.1	...
Units with roomers, boarders, or lodgers	278	17	34	43	43	44	42	28	5	6	—	16	79
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	12 740	1 230	1 241	1 746	1 670	3 077	1 637	1 058	533	131	9	408	82
0.50 or less	7 481	924	918	1 056	1 036	1 633	767	523	265	75	6	278	77
0.51 to 1.00	4 678	289	302	625	568	1 257	746	471	246	51	3	120	87
1.01 to 1.50	482	17	12	61	60	152	105	38	22	5	—	10	91
1.51 or more	99	—	9	4	6	35	19	26	—	—	—	—	...
Lacking some or all plumbing facilities	712	257	99	216	32	35	18	—	5	—	—	50	57
0.50 or less	234	76	57	37	15	19	6	—	—	—	—	24	55
0.51 to 1.00	431	164	31	179	11	16	5	—	5	—	—	20	61
1.01 to 1.50	19	6	—	—	—	7	—	—	—	—	—	6	...
1.51 or more	28	11	11	—	6	—	—	—	—	—	—	—	...
BEDROOMS													
None	736	400	109	140	—	—	66	21	—	—	—	—	50—
1	6 204	882	902	1 153	1 010	1 187	432	416	83	21	20	98	71
2	3 886	194	319	482	579	1 162	467	293	249	—	—	141	86
3 or more	2 734	40	101	125	198	617	851	394	169	78	—	161	105
YEAR STRUCTURE BUILT													
1969 to March 1970	88	—	6	—	—	—	—	6	65	11	—	—	...
1965 to 1968	503	98	35	21	6	17	5	117	151	45	3	5	137
1960 to 1964	350	129	22	10	5	—	3	58	99	14	6	4	122
1950 to 1959	967	203	99	168	73	133	88	148	24	11	—	20	70
1940 to 1949	749	121	40	76	85	200	111	83	22	6	—	5	86
1939 or earlier	10 795	936	1 138	1 687	1 533	2 762	1 448	646	177	44	—	424	79
ELEVATOR IN STRUCTURE													
4 floors or more	1 083	332	78	184	65	101	69	149	85	—	20	—	67
With elevator	854	270	41	159	19	61	69	130	85	—	20	—	67
Walk-up	229	62	37	25	46	40	—	19	—	—	—	—	...
1 to 3 floors	12 477	1 184	1 353	1 716	1 722	2 865	1 747	975	416	99	—	400	80
COMPLETE BATHROOMS													
1 and 1/2	12 146	1 195	1 169	1 733	1 590	2 988	1 527	1 017	474	70	—	383	81
2 or more	290	10	4	17	7	31	32	8	60	67	7	47	160
None or also used by another household	1 025	287	153	238	56	116	99	—	13	—	—	63	62
INCOME IN 1969													
Less than \$2,000	2 861	807	510	479	380	319	179	63	38	6	—	80	62
\$2,000 to \$2,999	1 294	265	227	183	170	223	90	53	21	—	—	62	67
\$3,000 to \$3,999	1 275	165	215	250	185	259	111	37	15	6	—	32	70
\$4,000 to \$4,999	1 126	57	75	273	144	320	128	44	31	—	—	54	79
\$5,000 to \$5,999	1 265	73	111	243	206	303	155	116	31	5	—	22	79
\$6,000 to \$6,999	976	29	86	120	130	305	173	74	30	12	—	17	87
\$7,000 to \$9,999	2 359	46	81	231	280	757	391	331	109	34	—	99	93
\$10,000 to \$14,999	1 815	34	30	164	184	544	327	277	143	43	—	69	97
\$15,000 to \$24,999	422	11	5	14	23	72	96	48	110	19	6	18	116
\$25,000 or more	59	—	—	5	—	10	5	15	10	6	3	5	...
Median	\$5 100	\$2000—	\$2 700	\$4 300	\$4 800	\$6 400	\$7 000	\$8 300	\$9 800	\$10 300	...	\$5 000	...
YEAR MOVED INTO UNIT													
1969 to March 1970	3 791	256	223	477	402	1 037	583	449	277	56	—	31	88
1968	1 833	121	161	259	190	461	291	193	82	40	—	35	87
1967	1 152	117	88	211	213	226	131	70	59	17	—	20	77
1965 and 1966	1 920	346	202	197	247	499	184	141	68	—	7	29	78
1960 to 1964	2 213	365	244	414	221	460	256	106	49	7	—	91	72
1950 to 1959	1 771	212	271	325	280	333	154	43	12	7	—	134	70
1949 or earlier	781	75	137	105	100	119	59	23	—	10	—	153	70
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 498	194	122	308	221	436	141	43	27	6	—	...	76
10 to 14 percent	2 548	144	218	339	362	780	398	191	102	14	—	...	85
15 to 19 percent	2 484	205	127	408	324	648	325	318	118	8	3	...	86
20 to 24 percent	1 522	208	202	197	134	282	231	165	77	26	—	...	81
25 to 34 percent	1 691	282	159	171	172	398	216	158	88	41	6	...	83
35 percent or more	3 073	413	483	503	466	546	332	173	121	36	—	...	73
Not computed	636	41	29	36	23	22	12	10	5	—	—	458	65
AIR CONDITIONING													
Room unit(s)	3 151	79	207	423	258	760	490	327	356	96	7	148	94
Central system	113	17	5	—	4	—	13	6	45	16	—	7	...
None	10 197	1 396	1 114	1 565	1 391	2 375	1 155	692	146	25	—	338	76

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]

Reading	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	18 797	1 983	963	1 028	1 096	1 070	1 205	4 336	4 804	1 856	456	8 400
ROOMS												
1 and 2 rooms	66	20	11	—	—	—	13	16	—	6	—	...
3 rooms	581	158	46	39	53	58	35	124	51	12	5	4 900
4 rooms	1 347	211	130	103	108	100	117	259	226	71	22	6 200
5 rooms	2 948	383	137	204	213	184	233	628	720	223	23	7 600
6 rooms	5 677	613	303	332	349	304	388	1 341	1 466	511	70	8 200
7 rooms or more	8 178	598	336	350	373	424	419	1 968	2 341	1 033	336	9 400
PERSONS												
1 person	3 324	1 402	447	413	318	244	177	207	77	16	23	2 600
2 persons	6 375	401	437	535	560	531	425	1 437	1 437	304	122	7 600
3 and 4 persons	6 075	148	66	46	166	187	411	1 732	2 204	950	165	10 600
5 persons	1 634	21	—	19	20	68	75	467	609	280	75	11 200
6 persons or more	1 389	11	13	15	32	40	117	307	477	306	71	11 700
Units with roomers, boarders, or lodgers	452	119	66	27	13	42	46	81	33	25	—	5 000
BEDROOMS												
Less than 3	4 810	973	392	358	401	362	313	974	796	204	37	5 800
3	7 964	662	363	494	547	505	580	1 878	2 168	675	92	8 300
4 or more	5 803	294	272	271	169	302	256	1 175	1 969	730	365	10 400
YEAR STRUCTURE BUILT												
1969 to March 1970	24	—	—	—	—	—	—	10	10	4	—	...
1960 to 1968	268	4	6	9	5	10	6	46	85	70	27	12 800
1950 to 1959	693	26	10	26	29	5	27	106	230	150	84	12 600
1949 or earlier	17 812	1 953	947	993	1 062	1 055	1 172	4 174	4 479	1 632	345	8 200
YEAR MOVED INTO UNIT												
1969 to March 1970	905	25	5	24	58	56	72	291	275	93	6	9 200
1968	725	61	—	19	32	74	58	211	187	83	—	8 700
1960 to 1967	4 722	230	148	207	187	192	299	1 398	1 385	525	151	9 400
1959 or earlier	12 447	1 695	798	752	800	723	771	2 538	2 843	1 248	279	7 800
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	13 790	1 057	501	724	621	666	818	3 185	4 243	1 491	484	9 400
Clothes dryer	7 644	337	189	359	252	388	450	1 805	2 381	1 019	464	10 100
Dishwasher	1 848	36	19	76	40	104	39	278	524	351	381	13 200
Home food freezer	2 296	117	53	98	86	118	150	479	596	363	236	10 400
Owned second home	743	20	—	39	42	18	62	236	114	114	98	9 400
With air conditioning	6 353	309	137	207	325	256	366	1 548	1 965	921	319	10 100
Room unit(s)	6 043	302	131	195	311	256	338	1 503	1 893	857	257	10 000
Central system	310	7	6	12	14	—	28	45	72	64	62	13 000
Automobiles available:												
1	9 718	435	302	482	529	609	725	3 153	2 729	628	126	8 700
2	3 662	72	47	38	32	64	153	708	1 429	915	204	12 500
3 or more	686	6	—	7	8	7	9	43	189	324	93	17 300
Renter occupied housing units	13 560	2 888	1 317	1 295	1 130	1 265	982	2 375	1 819	430	59	5 100
ROOMS												
1 room	675	302	110	70	26	57	25	57	17	11	—	2 300
2 rooms	1 110	407	154	140	70	118	66	61	60	24	10	3 000
3 rooms	3 934	1 194	453	346	368	342	262	619	300	36	14	3 900
4 rooms	3 392	541	352	376	310	323	230	632	514	98	16	5 400
5 rooms	2 115	223	170	194	213	179	171	415	454	91	5	6 500
6 rooms or more	2 334	221	78	169	143	246	228	591	474	170	14	7 400
PERSONS												
1 person	5 361	2 154	768	634	483	430	217	442	158	59	16	2 700
2 persons	3 884	447	352	406	334	343	408	758	720	95	21	6 100
3 and 4 persons	2 935	235	164	151	173	322	238	825	657	157	13	7 700
5 persons	620	32	15	55	64	77	41	141	139	51	5	7 600
6 persons or more	760	20	18	49	76	93	78	209	145	68	4	7 700
Units with roomers, boarders, or lodgers	278	119	13	22	35	34	19	14	22	—	—	3 300
BEDROOMS												
None	736	348	25	96	59	47	71	—	45	45	—	2 800
1	6 204	1 754	602	677	475	646	330	1 088	461	107	64	4 100
2	3 954	545	418	381	482	250	762	625	202	202	20	5 600
3 or more	2 776	247	137	250	139	284	185	809	563	140	22	7 500
YEAR STRUCTURE BUILT												
1969 to March 1970	88	—	6	—	—	—	—	10	29	33	10	...
1960 to 1968	861	262	62	53	29	31	35	146	159	71	13	5 800
1950 to 1959	984	209	126	104	101	64	56	169	137	18	—	4 500
1949 or earlier	11 627	2 417	1 123	1 138	1 000	1 170	881	2 031	1 490	331	46	5 100
YEAR MOVED INTO UNIT												
1969 to March 1970	3 813	662	277	334	374	422	319	786	528	98	13	5 600
1968	1 848	352	151	226	170	174	109	340	278	42	6	5 100
1960 to 1967	5 334	1 287	622	509	375	413	413	811	697	175	6	4 700
1959 or earlier	2 571	634	294	196	209	253	178	354	350	83	20	4 800
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	13 452	2 861	1 294	1 275	1 126	1 265	976	2 359	1 815	422	59	5 100
Less than 15 percent	4 046	—	24	64	84	304	338	1 325	1 469	387	51	9 700
15 to 19 percent	2 484	39	65	200	390	377	668	221	11	3	6	6 100
20 to 24 percent	1 522	101	173	392	230	225	178	181	42	—	—	4 400
25 to 34 percent	1 691	226	399	428	307	178	54	79	14	6	—	3 500
35 percent or more	3 073	2 237	571	159	61	26	12	7	—	—	—	2000—
Not computed	636	258	62	32	54	22	17	99	69	18	5	3 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	4 282	594	304	389	328	362	206	1 165	698	197	39	6 800
Clothes dryer	1 400	104	116	74	42	127	81	461	243	132	20	8 000
Dishwasher	491	39	—	21	—	—	—	129	129	108	65	12 200
Home food freezer	617	70	56	40	21	—	63	136	68	138	25	8 300
Owned second home	174	19	—	—	—	21	10	45	60	19	—	...
With air conditioning	3 280	373	229	176	305	266	674	779	190	20	7	100
Room unit(s)	3 167	357	206	176	292	261	258	646	767	184	20	7 200
Central system	113	16	23	—	13	7	8	28	12	6	—	...
Automobiles available:												
1	5 799	379	306	430	501	656	624	1 521	1 132	218	32	7 000
2	1 185	36	21	28	72	40	8	275	486	133	7	10 300
3 or more	67	—	—	—	—	—	5	7	21	34	—	...

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]

Reading	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	18 797	18 461	12 835	5 226	327	73	336	257	75	-	4
PERSONS											
1 person	3 324	3 204	3 191	13	-	-	120	120	-	-	-
2 persons	6 375	6 247	6 010	237	-	-	128	107	21	-	-
3 persons	3 451	3 416	2 662	754	-	-	35	30	5	-	-
4 persons	2 624	2 583	827	1 741	15	-	41	-	37	-	4
5 persons	1 634	1 634	145	1 454	21	14	-	-	-	-	-
6 persons or more	1 389	1 377	-	1 027	291	59	12	-	12	-	-
Median	2.5	2.5	2.0	4.4	7.1	...	1.9	1.6	...	-	...
Units with roomers, boarders, or lodgers	452	443	287	135	11	10	9	-	9	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	35	35	20	15	-	-	-	-	-	-	-
1965 to 1968	73	73	48	18	7	-	-	-	-	-	-
1960 to 1964	206	206	126	80	-	-	-	-	-	-	-
1950 to 1959	653	645	444	184	17	-	8	8	-	-	-
1940 to 1949	550	542	327	195	20	-	8	-	8	-	-
1939 or earlier	17 282	16 977	11 927	4 670	319	61	305	234	64	-	7
INCOME IN 1969											
Less than \$2,000	1 983	1 899	1 791	92	11	5	84	79	5	-	-
\$2,000 to \$2,999	963	942	900	37	5	-	21	21	-	-	-
\$3,000 to \$3,999	1 028	1 002	946	56	-	-	26	26	-	-	-
\$4,000 to \$4,999	1 096	1 064	894	160	5	5	32	26	6	-	-
\$5,000 to \$5,999	1 070	1 046	837	183	22	4	24	19	5	-	-
\$6,000 to \$6,999	1 205	1 185	783	341	55	6	20	5	15	-	-
\$7,000 to \$9,999	4 336	4 263	2 697	1 485	72	9	73	54	15	-	4
\$10,000 to \$14,999	4 804	4 759	2 800	1 830	108	21	45	22	23	-	-
\$15,000 to \$24,999	1 856	1 856	904	892	37	23	-	-	-	-	-
\$25,000 or more	456	445	283	150	12	-	11	5	6	-	-
Median	\$8 400	\$8 500	\$7 300	\$10 700	\$9 700	...	\$5 200	\$4 100	...	-	...
VALUE-INCOME RATIO											
Specified owner occupied¹	16 409	16 157	11 281	4 523	296	57	252	198	50	-	4
Less than 1.5	10 705	10 578	6 410	3 855	261	52	127	83	44	-	-
1.5 to 1.9	1 773	1 750	1 383	356	11	-	23	23	-	-	-
2.0 to 2.4	911	896	731	165	-	-	15	15	-	-	-
2.5 to 2.9	547	521	473	42	6	-	26	22	-	-	4
3.0 to 3.9	796	778	716	50	7	5	18	18	-	-	-
4.0 or more	1 563	1 520	1 459	55	6	-	43	37	6	-	-
Not computed	114	114	109	-	5	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water	9 584	9 421	6 725	2 544	105	47	163	140	19	-	4
Warm-air furnace	8 047	7 927	5 321	2 401	185	20	120	69	51	-	-
Built-in electric units	159	155	95	53	7	-	4	4	-	-	-
Floor, wall, or pipeless furnace	287	287	204	63	14	6	-	-	-	-	-
Other means	720	671	490	165	16	-	49	44	5	-	-
None	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	13 560	12 848	7 526	4 727	492	103	712	234	431	19	28
PERSONS											
1 person	5 361	4 855	4 536	319	-	-	506	172	334	-	-
2 persons	3 884	3 759	2 399	1 354	-	6	125	57	58	-	10
3 persons	1 839	1 803	500	1 273	30	-	36	5	19	6	6
4 persons	1 096	1 074	69	902	89	14	22	-	16	-	6
5 persons	620	604	22	503	52	27	16	-	4	6	6
6 persons or more	760	753	-	376	321	56	7	-	-	7	-
Median	1.9	1.9	1.3	3.0	6.1	6.3	1.2	1.2	1.1	...	...
Units with roomers, boarders, or lodgers	278	273	141	117	4	11	5	5	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	86	86	45	31	10	-	-	-	-	-	-
1965 to 1968	512	512	310	189	13	-	-	-	-	-	-
1960 to 1964	349	349	265	77	7	-	-	-	-	-	-
1950 to 1959	973	973	458	449	66	-	-	-	-	-	-
1940 to 1949	829	807	452	309	46	-	22	10	6	-	6
1939 or earlier	10 817	10 113	6 072	3 591	365	85	704	217	441	24	22
INCOME IN 1969											
Less than \$2,000	2 888	2 618	2 030	499	39	-	270	99	166	-	5
\$2,000 to \$2,999	1 317	1 187	853	304	25	5	130	46	73	6	5
\$3,000 to \$3,999	1 295	1 235	854	344	33	4	60	18	42	-	-
\$4,000 to \$4,999	1 130	1 094	646	384	47	17	36	21	15	-	-
\$5,000 to \$5,999	1 265	1 197	617	512	57	11	68	11	51	-	6
\$6,000 to \$6,999	982	965	492	424	36	13	17	-	10	7	-
\$7,000 to \$9,999	2 375	2 302	980	1 137	158	27	73	22	45	6	-
\$10,000 to \$14,999	1 819	1 784	792	895	71	26	35	11	24	-	-
\$15,000 to \$24,999	430	407	175	210	22	-	23	6	5	-	12
\$25,000 or more	59	59	37	18	4	-	-	-	-	-	-
Median	\$5 100	\$5 200	\$4 000	\$6 800	\$7 200	\$7 200	\$2 700	\$2 400	\$2 700	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied²	13 452	12 740	7 481	4 678	482	99	712	234	431	19	28
Less than 10 percent	1 498	1 408	645	673	75	15	90	22	56	-	12
10 to 14 percent	2 548	2 470	1 180	1 166	104	20	78	30	42	-	6
15 to 19 percent	2 484	2 382	1 253	981	116	32	102	20	82	-	-
20 to 24 percent	1 522	1 469	817	556	78	18	53	15	20	13	5
25 to 34 percent	1 691	1 607	1 093	475	39	-	84	15	69	-	-
35 percent or more	3 073	2 832	2 098	660	60	14	241	100	136	-	5
Not computed	636	572	395	167	10	-	64	32	26	6	-
HEATING EQUIPMENT											
Steam or hot water	9 276	8 690	5 412	2 979	248	51	586	173	383	13	17
Warm-air furnace	3 103	3 050	1 548	1 274	190	38	53	20	21	6	6
Built-in electric units	237	237	124	108	5	-	-	-	-	-	-
Floor, wall, or pipeless furnace	208	204	97	89	13	5	4	4	-	-	-
Other means	730	661	345	277	30	9	69	37	27	-	5
None	6	6	-	-	6	-	-	-	-	-	-

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

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

Table B-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]

Reading	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	18 797	17	49	581	1 347	2 948	5 677	3 179	4 999	6.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	17 877	-	27	519	1 186	2 774	5 378	3 028	4 965	6.3
PERSONS										
1 person	3 324	13	22	254	395	647	1 009	363	621	5.8
2 persons	6 375	-	21	237	646	1 162	1 981	1 018	1 310	6.1
3 persons	3 451	-	-	50	189	373	1 142	495	1 055	6.3
4 persons	2 624	4	-	15	77	520	830	498	827	6.5
5 persons	1 634	-	-	14	21	153	440	434	572	6.9
6 persons or more	1 389	-	6	11	19	93	275	371	614	7.3
Median	2.5	...	...	1.7	1.9	2.2	2.4	2.9	3.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	18 461	13	49	539	1 290	2 903	5 575	3 142	4 950	6.3
0.50 or less	12 835	-	22	233	992	1 779	4 051	1 843	3 915	6.3
0.51 to 1.00	5 226	13	21	266	258	1 031	1 404	1 236	997	6.2
1.01 to 1.50	327	-	-	15	35	61	115	63	38	6.0
1.51 or more	73	-	6	25	5	32	5	-	-	...
Lacking some or all plumbing facilities	336	4	-	42	57	45	102	37	49	5.7
0.50 or less	257	-	-	21	49	30	81	33	43	5.9
0.51 to 1.00	75	-	-	21	8	15	21	4	6	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	4	4	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	1 197	23	72	55	261	85	101	-	39	3.3
2	3 613	-	-	44	927	1 518	753	191	180	5.1
3	7 964	-	-	-	76	1 313	4 303	1 365	907	6.1
4 or more	5 803	-	-	-	-	70	384	1 614	3 735	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	24	-	-	-	-	10	-	9	5	...
1960 to 1968	268	-	-	6	35	65	89	30	43	5.8
1950 to 1959	693	-	-	4	76	165	232	95	121	5.9
1949 or earlier	17 812	17	49	571	1 236	2 708	5 356	3 045	4 830	6.3
COMPLETE BATHROOMS										
1 and 1 1/2	16 281	-	19	391	1 018	2 603	5 188	2 766	4 296	6.3
2 or more	1 685	9	8	128	200	179	212	269	680	6.9
None or also used by another household	833	15	9	59	113	139	261	104	133	5.8
VALUE-INCOME RATIO										
Specified owner occupied¹	16 409	8	4	127	795	2 434	5 352	2 972	4 717	6.4
Less than 1.5	10 705	-	4	42	501	1 526	3 324	2 104	3 204	6.5
1.5 to 1.9	1 773	-	-	28	75	298	637	287	448	6.3
2.0 to 2.9	1 458	8	-	10	72	184	496	245	443	6.4
3.0 or more	2 359	-	-	42	129	410	855	330	593	6.2
Not computed	114	-	-	5	18	16	40	6	29	6.0
Renter occupied housing units	13 560	675	1 110	3 934	3 392	2 115	1 216	571	547	3.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	12 246	121	917	3 682	3 294	2 033	1 166	550	483	3.9
PERSONS										
1 person	5 361	653	859	2 285	942	364	155	40	63	3.0
2 persons	3 884	16	183	1 229	1 403	705	212	78	58	3.9
3 persons	1 839	6	36	294	612	386	296	101	108	4.5
4 persons	1 096	-	20	89	342	318	133	125	69	4.8
5 persons	620	-	6	27	58	190	165	91	83	5.7
6 persons or more	760	-	6	10	35	152	255	136	166	6.2
Median	1.9	1.0	1.1	1.4	2.0	2.5	3.3	4.0	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	12 848	325	976	3 844	3 328	2 061	1 204	571	539	3.9
0.50 or less	7 526	-	764	2 238	2 303	1 032	658	219	312	3.8
0.51 to 1.00	4 727	319	162	1 480	938	877	419	316	216	3.9
1.01 to 1.50	492	-	30	89	87	128	116	31	11	4.8
1.51 or more	103	6	20	37	-	24	11	5	-	3.2
Lacking some or all plumbing facilities	712	350	134	90	64	54	12	-	8	1.5
0.50 or less	234	-	95	47	42	37	5	-	8	3.0
0.51 to 1.00	431	334	21	43	16	17	-	-	-	1.1
1.01 to 1.50	19	-	6	-	6	-	-	7	-	...
1.51 or more	28	16	12	-	-	-	-	-	-	...
BEDROOMS										
None	736	658	59	19	-	-	-	-	-	1.1
1	6 204	-	1 086	4 014	1 004	100	-	-	-	3.0
2	3 954	-	-	63	2 372	1 259	163	58	39	4.3
3 or more	2 776	-	-	-	-	786	895	566	529	6.2
YEAR STRUCTURE BUILT										
1969 to March 1970	88	-	6	15	45	11	11	-	-	...
1960 to 1968	861	54	126	305	262	88	16	6	4	3.3
1950 to 1959	984	11	15	207	307	290	107	33	14	4.3
1949 or earlier	11 627	610	963	3 407	2 778	1 726	1 082	532	529	3.8
COMPLETE BATHROOMS										
1 and 1 1/2	12 251	297	975	3 676	3 256	1 969	1 109	523	446	3.9
2 or more	290	10	-	32	45	76	57	27	43	5.3
None or also used by another household	1 025	380	149	136	101	107	100	22	30	2.4
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	13 452	675	1 110	3 927	3 359	2 077	1 211	553	540	3.8
Less than 10 percent	1 498	101	116	335	364	307	163	71	41	4.0
10 to 14 percent	2 548	79	147	702	736	414	237	143	90	4.0
15 to 19 percent	2 484	74	202	669	684	430	238	85	102	3.9
20 to 24 percent	1 522	50	103	421	382	251	147	51	77	3.9
25 to 34 percent	1 691	88	104	509	435	237	191	59	68	3.8
35 percent or more	3 073	260	352	1 187	628	327	124	104	91	3.3
Not computed	636	23	46	104	130	111	111	40	71	4.6

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

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

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

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

Reading	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	18 797	17 049	1 744	4	13 560	4 112	2 446	3 312	1 873	702	1 109	6
ROOMS												
1 room	17	8	9	--	675	5	10	71	110	66	413	--
2 rooms	49	17	32	--	1 110	38	86	470	287	79	150	--
3 rooms	581	132	445	4	3 934	340	918	1 316	864	270	226	--
4 rooms	1 347	853	494	--	3 392	664	888	956	432	186	260	6
5 rooms	2 948	2 537	411	--	2 115	980	418	435	150	78	54	--
6 rooms	5 677	5 486	191	--	1 216	1 017	98	59	20	16	6	--
7 rooms	3 179	3 116	63	--	571	550	11	5	5	--	--	--
8 rooms or more	4 999	4 900	99	--	547	518	17	--	5	7	--	--
Median	6.3	6.4	4.3	...	3.8	5.5	3.7	3.3	3.1	3.3	2.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	18 461	16 786	1 671	4	12 848	4 023	2 388	3 191	1 715	659	866	6
0.50 or less	12 835	11 711	1 120	4	7 526	1 956	1 362	2 139	1 087	458	518	6
0.51 to 1.00	5 226	4 717	509	--	4 727	1 732	944	967	565	190	329	--
1.01 to 1.50	327	301	26	--	492	292	66	80	36	5	13	--
1.51 or more	73	57	16	--	103	43	16	5	27	6	6	--
Lacking some or all plumbing facilities	336	263	73	--	712	89	58	121	158	43	243	--
0.50 or less	257	209	48	--	234	58	26	62	83	--	5	--
0.51 to 1.00	75	50	25	--	431	24	26	48	58	43	232	--
1.01 to 1.50	--	--	--	--	19	7	6	6	--	--	--	--
1.51 or more	4	4	--	--	28	--	--	5	17	--	6	--
BEDROOMS												
None	23	23	--	--	736	21	21	49	223	64	358	--
1	1 174	424	750	--	6 204	396	1 390	2 343	1 199	336	540	--
2	3 613	3 104	486	23	3 954	1 541	1 011	867	220	213	102	--
3	7 964	7 697	267	--	1 794	1 384	262	75	45	28	--	--
4 or more	5 803	5 695	108	--	982	925	40	17	--	--	--	--
YEAR STRUCTURE BUILT												
1969 to March 1970	24	24	--	--	88	6	--	--	8	50	24	--
1965 to 1968	70	66	4	--	503	15	--	10	5	132	341	--
1960 to 1964	198	198	--	--	358	57	5	19	43	34	200	--
1950 to 1959	693	678	11	4	984	588	42	220	49	70	15	--
1940 to 1949	552	524	28	--	788	354	130	144	88	62	10	--
1939 or earlier	17 260	15 559	1 701	--	10 839	3 092	2 269	2 919	1 680	354	519	6
INCOME IN 1969												
Less than \$2,000	1 983	1 752	231	--	2 888	720	447	681	505	161	374	--
\$2,000 to \$2,999	963	845	118	--	1 317	282	231	397	181	88	138	--
\$3,000 to \$3,999	1 028	874	154	--	1 295	340	210	319	206	72	99	--
\$4,000 to \$4,999	1 096	981	111	4	1 130	346	228	368	155	47	35	--
\$5,000 to \$5,999	1 070	895	175	--	1 245	383	201	348	234	34	65	--
\$6,000 to \$6,999	1 205	1 062	143	--	982	346	194	201	173	33	35	--
\$7,000 to \$9,999	4 336	3 978	358	--	2 375	900	483	513	235	106	138	--
\$10,000 to \$14,999	4 804	4 469	335	--	1 819	616	385	415	131	115	151	6
\$15,000 to \$24,999	1 856	1 759	97	--	430	160	61	65	47	15	66	--
\$25,000 or more	456	434	22	--	59	19	6	5	6	15	8	--
Median	\$8 400	\$8 600	\$6 600	...	\$5 100	\$6 000	\$5 500	\$4 700	\$4 300	\$4 600	\$3 400	...
YEAR MOVED INTO UNIT												
1969 to March 1970	905	824	81	--	3 813	989	628	945	521	300	430	--
1968	725	603	122	--	1 848	542	353	455	272	71	155	--
1967	787	671	116	--	1 176	402	179	245	185	35	130	--
1965 and 1966	1 219	1 075	144	--	1 940	606	331	430	240	108	225	--
1960 to 1964	2 716	2 491	225	--	2 218	739	396	564	285	81	147	6
1950 to 1959	4 488	4 066	422	--	1 680	492	317	474	285	84	28	--
1949 or earlier	7 959	7 243	716	--	891	370	139	165	153	41	23	--
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	13 452	4 004	2 446	3 312	1 873	702	1 109	6
Less than \$50 .....	...	...	...	...	1 487	354	132	310	271	133	287	--
\$50 to \$59 .....	...	...	...	...	1 340	252	173	462	350	44	59	--
\$60 to \$69 .....	...	...	...	...	1 962	373	373	547	408	68	187	6
\$70 to \$79 .....	...	...	...	...	1 702	275	467	571	271	79	39	--
\$80 to \$99 .....	...	...	...	...	3 112	961	853	807	354	65	72	--
\$100 to \$119 .....	...	...	...	...	1 655	766	266	338	128	65	92	--
\$120 to \$149 .....	...	...	...	...	1 058	513	79	206	40	114	106	--
\$150 to \$199 .....	...	...	...	...	538	139	19	40	18	119	203	--
\$200 to \$299 .....	...	...	...	...	131	49	--	--	11	15	59	--
\$300 or more .....	...	...	...	...	9	--	--	--	--	--	--	--
No cash rent .....	...	...	...	...	458	322	84	25	22	--	5	--
Median .....	...	...	...	...	\$80	\$92	\$81	\$76	\$67	\$86	\$75	...
HEATING EQUIPMENT												
Steam or hot water	9 584	8 244	1 340	--	9 276	1 844	1 737	2 837	1 591	542	719	6
Warm-air furnace	8 047	7 696	351	--	3 103	1 760	527	287	165	85	279	--
Built-in electric units	159	145	10	4	237	69	17	22	8	42	79	--
Floor, wall, or pipeless furnace	287	268	19	--	208	90	25	42	6	19	26	--
Other means	720	696	24	--	730	343	140	124	103	14	6	--
None	--	--	--	--	6	6	--	--	--	--	--	--
AIR CONDITIONING												
Room unit(s)	6 043	5 375	668	--	3 167	621	546	817	373	311	493	6
Central system	310	297	13	--	113	35	11	7	--	--	60	--
None	12 446	11 301	1 145	--	10 286	3 484	1 786	2 454	1 568	409	585	--
AUTOMOBILES AVAILABLE												
1	9 718	8 746	972	--	5 799	1 895	1 114	1 404	729	243	408	6
2	3 662	3 362	300	--	1 185	445	181	277	61	114	107	--
3 or more	686	653	33	--	67	47	6	7	--	7	--	--
None	4 733	4 212	521	--	6 515	1 753	1 042	1 590	1 151	356	623	--

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]

Reading	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	18 797	290	1 508	2 414	5 965	2 373	692	251	1 197	783	1 437	1 887
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	18 461	286	1 498	2 403	5 894	2 312	676	240	1 174	774	1 387	1 817
0.50 or less	12 835	180	471	643	4 028	2 060	519	186	877	680	1 374	1 817
0.51 to 1.00	5 226	96	960	1 605	1 771	252	135	48	257	89	13	--
1.01 to 1.50	327	10	53	128	85	--	17	--	34	--	--	--
1.51 or more	73	--	14	27	10	--	5	6	6	5	--	--
Lacking some or all plumbing facilities	336	4	10	11	71	61	16	11	23	9	50	70
0.50 or less	257	--	6	6	44	40	16	6	10	9	50	70
0.51 to 1.00	75	4	4	5	27	--	--	5	13	--	--	--
1.01 to 1.50	--	--	--	--	--	--	--	--	--	--	--	--
1.51 or more	4	--	--	--	--	4	--	--	--	--	--	--
UNITS IN STRUCTURE												
1	17 049	254	1 417	2 283	5 505	2 101	660	235	1 070	711	1 168	1 645
2 or more	1 744	36	91	131	460	272	32	16	127	72	265	242
Mobile home or trailer	4	--	--	--	--	--	--	--	--	--	4	--
INCOME IN 1969												
Less than \$2,000	1 983	17	--	16	48	186	20	31	137	126	331	1 071
\$2,000 to \$2,999	963	6	13	8	20	264	--	32	68	105	116	331
\$3,000 to \$3,999	1 028	10	11	15	88	324	18	14	79	56	217	196
\$4,000 to \$4,999	1 096	9	23	53	123	358	26	17	96	73	197	121
\$5,000 to \$5,999	1 070	10	75	35	236	218	69	9	129	45	197	47
\$6,000 to \$6,999	1 205	37	130	137	372	90	61	16	140	45	152	25
\$7,000 to \$9,999	4 336	103	688	697	1 686	433	153	50	208	111	147	60
\$10,000 to \$14,999	4 804	85	464	1 058	2 151	309	211	39	245	165	47	30
\$15,000 to \$24,999	1 856	7	86	303	1 047	129	106	43	68	51	16	--
\$25,000 or more	456	6	18	92	194	62	28	--	27	6	17	6
Median	\$8 400	\$8 600	\$9 200	\$11 200	\$11 000	\$5 300	\$10 000	\$7 400	\$6 600	\$5 700	\$4 300	\$2000--
VALUE-INCOME RATIO												
Specified owner occupied ¹	16 409	254	1 383	2 197	5 261	2 035	612	235	1 051	698	1 126	1 557
Less than 1.5	10 705	194	1 151	1 878	4 356	867	528	140	644	377	411	159
1.5 to 1.9	1 773	32	150	189	490	332	34	15	125	84	218	104
2.0 to 2.4	911	--	63	64	180	211	28	14	88	33	107	123
2.5 to 2.9	547	--	19	23	62	191	11	11	35	30	53	112
3.0 to 3.9	796	5	--	23	81	183	--	34	53	57	88	272
4.0 or more	1 563	18	--	15	87	238	11	21	92	117	200	764
Not computed	114	5	--	5	5	13	--	--	14	--	49	23
Renter occupied housing units	13 560	1 018	1 536	799	1 534	811	415	135	1 664	287	3 063	2 298
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	12 848	1 001	1 531	766	1 502	767	404	119	1 633	270	2 706	2 149
0.50 or less	7 526	354	314	154	724	429	183	76	559	197	2 523	2 013
0.51 to 1.00	4 727	606	1 057	486	710	327	191	43	915	73	183	136
1.01 to 1.50	492	41	150	101	52	6	10	--	132	--	--	--
1.51 or more	103	--	10	25	16	5	20	--	27	--	--	--
Lacking some or all plumbing facilities	712	17	5	33	32	44	11	16	31	17	357	149
0.50 or less	234	--	5	--	10	13	5	5	14	10	102	70
0.51 to 1.00	431	5	--	26	17	26	--	5	11	7	255	79
1.01 to 1.50	19	6	--	7	--	--	--	--	6	--	--	--
1.51 or more	28	6	--	--	5	5	6	6	--	--	--	--
UNITS IN STRUCTURE												
1	4 112	218	664	492	620	228	138	35	820	102	395	400
2 to 4	5 758	573	555	241	619	397	186	61	621	144	1 416	945
5 to 19	2 575	164	223	66	213	126	70	30	218	41	842	582
20 or more	1 109	63	94	--	76	60	21	9	5	--	410	371
Mobile home or trailer	6	--	--	--	6	--	--	--	--	--	--	--
GROSS RENT												
Specified renter occupied ²	13 452	1 012	1 519	799	1 528	805	411	135	1 622	287	3 036	2 298
Less than \$50	1 487	--	--	26	29	97	34	16	95	19	502	669
\$50 to \$59	1 340	46	16	13	51	94	16	5	189	11	443	456
\$60 to \$69	1 962	73	94	65	221	103	55	29	285	61	625	351
\$70 to \$79	1 702	153	149	70	193	136	38	20	149	59	499	236
\$80 to \$99	3 112	399	474	230	440	169	156	33	459	55	438	259
\$100 to \$119	1 655	160	313	194	249	82	24	5	222	44	204	158
\$120 to \$149	1 058	107	258	123	156	30	51	3	121	8	157	44
\$150 to \$199	538	50	159	42	94	26	6	--	48	--	70	43
\$200 to \$299	131	6	26	10	21	12	10	--	18	--	22	6
\$300 or more	9	--	--	--	--	6	--	3	--	--	--	--
No cash rent	458	18	30	26	74	50	21	21	36	30	76	76
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	13 452	1 012	1 519	799	1 528	805	411	135	1 622	287	3 036	2 298
Less than \$5,000	6 556	160	121	92	182	508	126	85	1 072	190	1 896	2 124
Less than 20 percent	866	11	15	25	41	100	11	--	116	29	356	162
20 to 24 percent	896	9	9	21	26	105	15	10	199	13	306	183
25 to 34 percent	1 360	77	34	25	35	122	30	5	250	39	431	312
35 percent or more	3 028	52	58	15	73	143	49	66	467	93	656	1 356
Not computed	406	11	5	6	7	38	21	4	40	16	147	111
\$5,000 to \$9,999	4 600	652	797	356	761	219	220	21	450	35	956	133
Less than 20 percent	3 522	539	590	230	611	173	157	15	284	23	790	110
20 to 24 percent	584	51	106	79	64	15	43	--	97	8	107	14
25 to 34 percent	311	44	64	30	57	5	15	--	64	--	23	9
35 percent or more	45	6	7	13	--	8	5	--	--	--	6	--
Not computed	138	12	30	4	29	18	--	6	5	4	30	--
\$10,000 to \$14,999	1 815	191	492	277	441	50	42	10	100	54	134	24
Less than 20 percent	1 690	191	479	261	404	41	42	--	86	44	118	24
20 to 24 percent	42	--	9	6	11	4	--	--	6	--	6	--
25 percent or more	14	--	4	--	--	--	--	--	--	--	10	--
Not computed	69	--	--	10	26	5	--	10	8	10	--	--
\$15,000 or more	481	9	109	74	144	28	23	19	--	8	50	17
Less than 20 percent	452	9	109	68	132	22	23	14	--	8	50	17
20 to 24 percent	--	--	--	--	--	--	--	--	--	--	--	--
25 percent or more	6	--	--	--	--	6	--	--	--	--	--	--
Not computed	23	--	--	6	12	--	--	5	--	--	--	--

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

Table 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]

Reading	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	18 797	3 324	6 375	3 451	2 624	1 634	696	418	275	2.5
BEDROOMS										
None and 1	1 197	562	449	116	22	37	-	11	-	1.6
2	3 613	1 202	1 657	517	136	80	21	-	-	1.9
3	7 964	1 087	2 913	1 638	1 333	701	241	31	20	2.5
4 or more	5 803	449	1 354	1 119	1 134	918	335	223	271	3.5
YEAR STRUCTURE BUILT										
1969 to March 1970	24	-	10	4	5	-	-	-	5	...
1965 to 1968	70	4	25	21	9	5	-	6	-	...
1960 to 1964	198	-	106	37	34	12	4	-	5	...
1950 to 1959	693	90	242	130	132	63	22	8	6	2.4
1940 to 1949	552	71	172	140	94	32	17	21	5	2.6
1939 or earlier	17 260	3 159	5 820	3 119	2 350	1 522	653	383	254	2.7
UNITS IN STRUCTURE										
1	17 049	2 813	5 629	3 199	2 487	1 555	679	412	275	2.5
2 or more	1 744	507	746	252	137	79	17	6	-	2.0
Mobile home or trailer	4	4	-	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	16 281	2 776	5 430	3 082	2 300	1 421	675	400	197	2.5
2 and 2 1/2	1 386	213	480	229	189	140	58	46	31	2.5
3 or more	299	27	144	51	59	-	-	7	11	2.4
None or also used by another household	833	289	320	83	115	5	6	-	15	1.9
HOUSEHOLD COMPOSITION										
Two-or-more-person households	15 473	...	6 375	3 451	2 624	1 634	696	418	275	2.9
Male head, wife present, no nonrelatives	12 550	...	4 761	2 725	2 333	1 505	643	365	218	3.1
Under 25 years	290	...	60	124	78	23	5	-	-	3.2
25 to 34 years	1 508	...	127	304	498	358	110	88	23	4.1
35 to 44 years	2 414	...	155	381	737	525	325	163	128	4.4
45 to 64 years	5 965	...	2 634	1 512	911	560	178	103	67	2.7
65 years and over	2 373	...	1 785	404	109	39	25	11	-	2.2
Other male head	943	...	490	242	105	55	18	21	12	2.5
Under 65 years	692	...	348	171	85	48	18	10	12	2.5
65 years and over	251	...	142	71	20	7	-	-	-	2.4
Female head	1 980	...	1 124	484	186	74	35	32	45	2.4
Under 65 years	1 197	...	642	284	137	38	30	25	41	2.4
65 years and over	783	...	482	200	49	36	5	7	4	2.3
One-person households	3 324	3 324	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	16 409	2 683	5 415	3 110	2 403	1 498	644	386	270	2.5
Less than 1.5	10 705	570	3 146	2 508	2 040	1 290	604	341	206	3.2
1.5 to 1.9	1 773	322	785	276	213	115	30	16	16	2.2
2.0 to 2.4	911	230	388	120	77	61	-	13	22	2.1
2.5 to 2.9	547	165	295	39	14	5	5	10	14	1.9
3.0 to 3.9	796	360	332	65	16	11	5	-	7	1.6
4.0 or more	1 563	964	446	88	43	16	-	6	-	1.3
Not computed	114	72	23	14	-	-	-	-	5	1.3
Renter occupied housing units	13 560	5 361	3 884	1 839	1 096	620	381	238	141	1.9
BEDROOMS										
None	736	673	42	21	-	-	-	-	-	1.0
1	6 204	3 688	2 080	342	45	49	-	-	-	1.3
2	3 954	773	1 488	946	618	56	21	42	10	2.3
3 or more	2 776	212	331	555	562	318	382	270	146	4.0
YEAR STRUCTURE BUILT										
1969 to March 1970	88	15	30	20	9	14	-	-	-	...
1965 to 1968	503	232	167	58	41	5	-	-	-	1.6
1960 to 1964	358	223	94	31	5	-	-	5	-	1.3
1950 to 1959	984	292	228	126	142	112	47	27	10	2.4
1940 to 1949	788	246	248	137	63	44	34	11	5	2.1
1939 or earlier	10 839	4 353	3 117	1 467	836	445	300	195	126	1.8
UNITS IN STRUCTURE										
1	4 112	795	809	758	604	493	302	221	130	3.1
2	2 446	737	954	445	206	53	41	5	5	2.0
3 and 4	3 312	1 624	1 110	390	141	24	17	6	-	1.5
5 to 9	1 873	1 017	603	109	91	26	21	6	-	1.4
10 to 19	702	407	191	53	34	11	-	-	6	1.4
20 or more	1 109	781	211	84	20	13	-	-	-	1.2
Mobile home or trailer	6	-	6	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	12 251	4 672	3 662	1 732	960	594	322	194	115	1.9
2 or more	290	54	71	85	27	36	17	-	-	2.7
None or also used by another household	1 025	648	157	43	71	45	17	24	20	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	8 199	...	3 884	1 839	1 096	620	381	238	141	2.6
Male head, wife present, no nonrelatives	5 698	...	2 591	1 307	803	435	265	194	103	2.7
Under 25 years	1 018	...	456	396	120	15	31	-	-	2.6
25 to 34 years	1 536	...	397	417	303	194	106	91	28	3.4
35 to 44 years	799	...	163	114	181	139	91	52	59	4.2
45 to 64 years	1 534	...	869	306	168	87	37	51	16	2.4
65 years and over	811	...	706	74	31	-	-	-	-	2.1
Other male head	550	...	372	93	41	28	12	-	4	2.2
Under 65 years	415	...	265	70	36	28	12	-	4	2.3
65 years and over	135	...	107	23	5	-	-	-	-	2.1
Female head	1 951	...	921	439	252	157	104	44	34	2.6
Under 65 years	1 664	...	670	412	252	152	100	44	34	2.9
65 years and over	287	...	251	27	-	5	4	-	-	2.1
One-person households	5 361	5 361	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	13 452	5 334	3 866	1 825	1 085	608	359	238	137	1.9
Less than 10 percent	4 498	304	577	282	143	110	44	24	14	2.3
10 to 14 percent	2 548	584	962	471	274	103	83	44	27	2.2
15 to 19 percent	2 484	739	745	382	284	136	94	69	35	2.2
20 to 24 percent	1 522	616	368	179	121	84	65	49	40	1.9
25 to 34 percent	1 691	785	484	162	120	88	15	30	7	1.6
35 percent or more	3 073	2 018	589	235	87	66	46	18	14	1.3
Not computed	636	288	141	114	56	21	12	4	-	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]

Reading	Duration of Vacancy				Reading	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	323	65	74	184	Vacant for rent	662	402	150	110
ROOMS					ROOMS				
1 to 3 rooms	32	8	4	20	1 room	81	55	15	11
4 rooms	34	4	8	22	2 rooms	103	61	26	16
5 rooms	55	11	24	20	3 rooms	162	78	59	25
6 rooms	76	10	12	54	4 rooms	160	102	44	14
7 rooms or more	126	32	26	68	5 rooms	85	65	3	17
					6 rooms	35	32	-	3
					7 rooms or more	36	9	3	24
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	305	65	69	171	With all plumbing facilities	601	358	137	106
Lacking some or all plumbing facilities	18	-	5	13	Lacking some or all plumbing facilities	61	44	13	4
BEDROOMS					BEDROOMS				
None and 1	17	17	-	-	None	115	98	17	-
2	17	17	35	115	1	240	140	29	71
3	132	51	18	63	2	181	140	12	29
4 or more	51	-	17	34	3 or more	69	34	-	35
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	-	-	-	-	1969 to March 1970	20	9	5	6
1960 to 1968	4	-	-	4	1960 to 1968	18	18	-	-
1950 to 1959	16	6	10	-	1950 to 1959	42	42	-	-
1949 or earlier	303	59	64	180	1949 or earlier	582	333	145	104
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	260	57	65	138	1	160	94	18	48
2 or more	63	8	9	46	2 to 4	238	148	65	25
					5 to 9	153	91	44	18
					10 to 19	79	46	17	16
					20 or more	32	23	6	3
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	145	23	38	84	Specified vacant for rent²	652	398	150	104
Warm-air furnace	142	27	33	82	Less than \$50	144	93	47	4
Built-in electric units	-	-	-	-	\$50 to \$59	105	55	28	22
Floor, wall, or pipeless furnace	12	-	3	9	\$60 to \$79	265	167	49	49
Other means	19	15	-	4	\$80 to \$99	87	55	15	17
None	5	-	-	5	\$100 to \$119	21	9	6	6
					\$120 to \$149	16	10	-	6
					\$150 to \$199	14	9	5	-
					\$200 or more	-	-	-	-
					Median rent asked	\$66	\$66	\$60	\$71
SALES PRICE ASKED									
Specified vacant for sale¹	239	50	65	124					
Less than \$5,000	78	16	25	37	Less than \$50	144	93	47	4
\$5,000 to \$9,999	116	21	19	76	\$50 to \$59	105	55	28	22
\$10,000 to \$14,999	36	13	15	8	\$60 to \$79	265	167	49	49
\$15,000 to \$19,999	6	-	6	-	\$80 to \$99	87	55	15	17
\$20,000 to \$24,999	-	-	-	-	\$100 to \$119	21	9	6	6
\$25,000 to \$34,999	3	-	-	3	\$120 to \$149	16	10	-	6
\$35,000 to \$49,999	-	-	-	-	\$150 to \$199	14	9	5	-
\$50,000 or more	-	-	-	-	\$200 or more	-	-	-	-
Median price asked	\$7 100	...	...	\$6 600	Median rent asked	\$66	\$66	\$60	\$71

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

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

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

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

Reading	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	239	194	36	6	-	3	-	652	249	265	87	37	14	-
PLUMBING FACILITIES														
With all plumbing facilities	189	172	17	-	-	-	-	519	199	181	86	36	17	-
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	69	69	-	-	-	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	355	197	70	52	36	-	-
2	69	69	-	-	-	-	-	164	54	76	17	-	17	-
3	86	86	-	-	-	-	-	17	17	-	-	-	-	-
4 or more	34	17	17	-	-	-	-	52	-	35	17	-	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	-	-	-	-	-	-	-	20	-	-	-	6	14	-
1960 to 1968	-	-	-	-	-	-	-	18	4	9	-	5	-	-
1950 to 1959	16	10	-	6	-	-	-	42	18	15	9	-	-	-
1949 or earlier	223	184	36	-	-	3	-	572	227	241	78	26	-	-
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	150	32	73	37	8	-	-
2 to 4 .....	...	...	...	...	...	...	...	238	87	111	27	13	-	-
5 to 19 .....	...	...	...	...	...	...	...	232	117	71	19	11	14	-
20 or more .....	...	...	...	...	...	...	...	32	13	10	4	5	-	-
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	137	66	44	22	5	-	-
Some or no utilities included .....	...	...	...	...	...	...	...	515	183	221	65	32	14	-

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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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

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GENERAL

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

Comparability with 1960 data.—

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

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

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

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

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

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

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p> <p>• ■ •</p> <p><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p style="text-align: right; 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>■</p> <p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p> <p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>	<p>H9. Are your living quarters—</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p> <p>H10a. Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p> <p>H11. If you live in a one-family house which you own or are buying— What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: 20px;"> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> </div> <p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month— What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p> <p>b. If rent is not paid by the month— 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 style="text-align: center;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:50%;">a4. Block number</th> <th style="width:50%;">a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>1 0 0 0</td><td>1 0 0 0</td></tr> <tr><td>2 0 0 0</td><td>2 0 0 0</td></tr> <tr><td>3 0 0 0</td><td>3 0 0 0</td></tr> <tr><td>4 0 0 0</td><td>4 0 0 0</td></tr> <tr><td>5 0 0 0</td><td>5 0 0 0</td></tr> <tr><td>6 0 0 0</td><td>6 0 0 0</td></tr> <tr><td>7 0 0 0</td><td>7 0 0 0</td></tr> <tr><td>8 0 0 0</td><td>8 0 0 0</td></tr> <tr><td>9 0 0 0</td><td>9 0 0 0</td></tr> </tbody> </table> <p>B. Type of unit or quarters</p> <p>Occupied</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p>Vacant</p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p>Group quarters</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><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</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p> <p>■</p> <p>D. Months vacant</p> <p><input type="radio"/> Less than 1 month</p> <p><input type="radio"/> 1 up to 2 months</p> <p><input type="radio"/> 2 up to 6 months</p> <p><input type="radio"/> 6 up to 12 months</p> <p><input type="radio"/> 1 year up to 2 years</p> <p><input type="radio"/> 2 years or more</p> <p>C/O <input type="radio"/> <input type="radio"/></p>	a4. Block number	a5. Serial number	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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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																							

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 <i>Average monthly cost</i> <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 <i>Average monthly cost</i> <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 <i>Yearly cost</i> <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 <i>Yearly cost</i> <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used</p>	<p>H24a. How many stories (floors) are in this building? <input type="radio"/> 1 to 3 stories <input type="radio"/> 4 to 6 stories <input type="radio"/> 7 to 12 stories <input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H14. How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump <input 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>H25a. Which fuel is used most for cooking? <input checked="" type="checkbox"/> 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="checkbox"/> 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"/> 1965 to 1968 <input checked="" type="checkbox"/> <input type="radio"/> 1960 to 1964 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier</p>	<p>c. Which fuel is used most for water heating? <input checked="" type="checkbox"/> 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"/> 1 bedroom <input type="radio"/> 2 bedrooms <input checked="" type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe _____</p>	<p>H27a. Do you have a clothes washing machine? <input type="radio"/> Yes, automatic or semi-automatic <input type="radio"/> Yes, wringer or separate spinner <input type="radio"/> No</p> <p>b. Do you have a clothes dryer? <input type="radio"/> Yes, electrically heated <input type="radio"/> Yes, gas heated <input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)? <input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H17. Is this building—</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="checkbox"/></p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="checkbox"/> <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$10,000 or more</p>	<p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation. <input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year? <input type="radio"/> Yes <input type="radio"/> No</p>

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I	
<i>Male</i>	<i>Head With Own</i>
<i>Children Under 18</i>	
1	1-person household
2	2-person household
3	3-person household
.	.
.	.
6	6-or-more-person household
<i>Male</i>	<i>Head Without Own</i>
<i>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	...
				Automobiles available .....	...	1.0	...
UTILIZATION CHARACTERISTICS				Appliances .....	...	...	1.9
Rooms	1.0	1.1	2.1				
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	...
				Gross rent	0.9	1.1	2.1
PLUMBING CHARACTERISTICS				Gross rent as percentage of income	1.0	1.2	...
Complete bathrooms .....	...	1.1	...	Sales price asked	1.1	...	2.5
Plumbing facilities	1.0	...	...	Rent asked	1.1	...	2.5
STRUCTURAL CHARACTERISTICS				HOUSEHOLD CHARACTERISTICS			
Units in structure	0.8	0.9	1.7	Household composition	0.6	0.7	...
Year structure built	0.9	1.0	...	Income in 1969	1.0	1.2	2.3
				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, 1950 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 nonindependent counties. Comparative 1950 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(1) 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 States groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.



OFFICIAL BUSINESS

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10 SALES PRICE ASKED
AND RENT ASKED

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

RENO, NEV.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-178

1970 CENSUS OF HOUSING

U.S. DEPARTMENT
OF COMMERCE
Social and Economic
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HOUSING DIVISION

Arthur F. Young, Chief

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

RENO, NEV.

**STANDARD METROPOLITAN
STATISTICAL AREA**

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LIST OF HC(2) REPORTS

Report number	Area	Report number	Area	Report number	Area
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3	Akron, Ohio SMSA	45	Cincinnati, Ohio-Ky.-Ind. SMSA	87	Hamilton-Middletown, Ohio SMSA
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5	Albany-Schenectady-Troy, N.Y. SMSA	47	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
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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, P. R. SMSA
162	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, P. R. SMSA
163	Peoria, Ill. SMSA	205	Sioux Falls, S. Dak. SMSA	247	Ponce, P. R. SMSA
164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, P. R. SMSA
165	Philadelphia, Pa.-N.J. SMSA	207	Spokane, Wash. SMSA		
166	Phoenix, Ariz. SMSA	208	Springfield, Ill. SMSA		
167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		

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

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

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

APPENDIXES

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

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 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
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GENERAL

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

This report series contains 248 reports as listed on page 11. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

INTRODUCTION—Continued

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

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

PROCESSING PROCEDURES

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

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

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

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

CONTENTS**METROPOLITAN HOUSING CHARACTERISTICS****Reno, 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 178.]

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	—	—
Reno	B	10 to 18	—	—

LIST OF TABLES

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

TABLE

1	Value of Owner Occupied Housing Units: 1970
2	Gross Rent of Renter Occupied Housing Units: 1970
3	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970
4	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970
5	Rooms in Owner and Renter Occupied Housing Units: 1970
6	Units in Structure for Owner and Renter Occupied Housing Units: 1970
7	Household Composition for Owner and Renter Occupied Housing Units: 1970
8	Persons in Owner and Renter Occupied Housing Units: 1970
9	Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970
10	Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970
11	Value of Owner Occupied Housing Units With Negro Head of Household: 1970
12	Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970
13	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
14	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

TABLE

15	Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
16	Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
17	Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
18	Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
19	Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970
20	Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language: 1970
21	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
22	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
23	Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
24	Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
25	Household Composition for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
26	Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

Counties, Standard Metropolitan Statistical Areas, and Selected Places

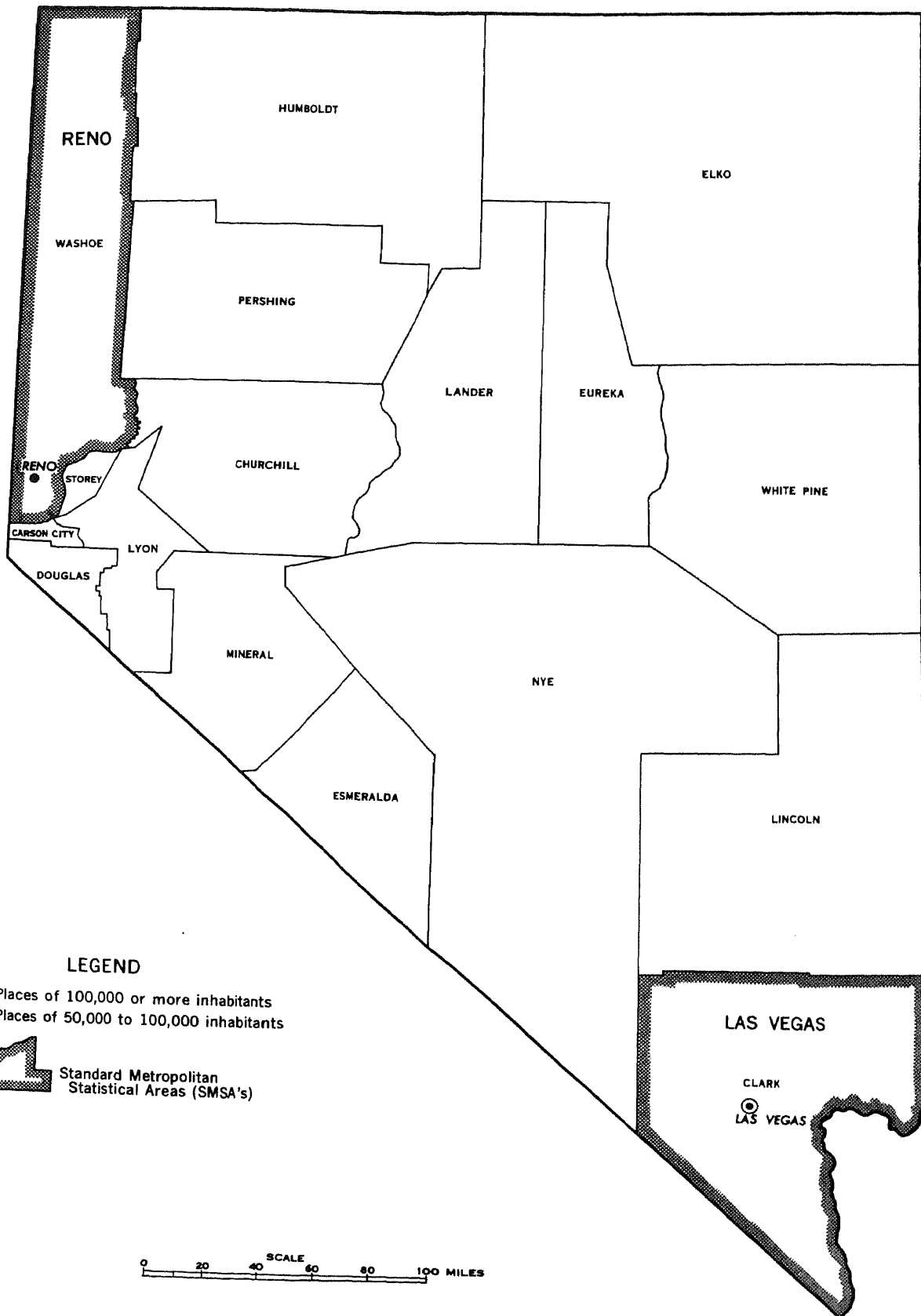


Table A-1. Value of Owner Occupied Housing Units: 1970

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

The SMSA	Total	less	\$5,000	\$7,500	\$10,000	\$12,500	\$15,000	\$20,000	\$25,000	\$35,000	\$50,000	Median (dollars)
		than \$5,000	to \$7,499	to \$9,999	to \$12,499	to \$14,999	to \$19,999	to \$24,999	to \$34,999	to \$49,999	or more	
Specified owner occupied¹	18 531	107	82	179	321	448	4 690	4 686	4 217	2 307	1 494	23 700
ROOMS												
1 and 2 rooms	99	22	5	—	—	5	13	22	6	5	21	...
3 rooms	289	40	14	20	47	32	47	50	22	—	17	14 300
4 rooms	2 047	17	29	100	94	218	888	315	270	92	24	18 300
5 rooms	6 426	20	34	38	112	134	2 502	2 146	1 080	262	98	20 900
6 rooms	5 101	4	—	12	57	45	1 042	1 556	1 426	716	243	24 500
7 rooms	2 591	—	—	9	11	8	145	466	981	677	294	31 700
8 rooms or more	1 978	4	—	—	—	6	53	131	432	555	797	44 800
Median	5.6	3.3	...	4.2	4.7	4.4	5.1	5.4	6.0	6.6	7.5+	...
PERSONS												
1 person	1 680	49	15	42	89	111	463	384	231	201	95	20 900
2 persons	5 407	13	40	79	150	212	1 431	1 240	1 153	662	427	23 100
3 persons	3 389	16	5	32	28	24	941	906	846	354	237	23 600
4 persons	3 685	10	—	8	10	53	840	999	1 010	457	298	24 600
5 persons	2 468	—	—	13	20	33	525	647	618	375	237	25 000
6 persons or more	1 902	19	22	5	24	15	490	510	359	258	200	23 700
Median	3.1	1.8	...	2.1	2.0	2.0	3.0	3.3	3.4	3.3	3.4	...
Units with roomers, boarders, or lodgers	448	—	5	13	8	13	116	76	141	42	34	24 500
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	18 409	53	73	174	317	444	4 659	4 681	4 207	2 307	1 494	23 700
0.50 or less	9 205	30	40	114	223	320	2 058	1 988	2 055	1 347	1 030	24 600
0.51 to 1.00	8 324	19	15	46	64	101	2 239	2 420	2 052	919	449	23 500
1.01 to 1.50	768	4	14	9	16	23	316	253	89	29	15	20 000
1.51 or more	112	—	4	5	14	—	46	20	11	12	—	19 200
Lacking some or all plumbing facilities	122	54	9	5	4	4	31	5	10	—	—	6 900
0.50 or less	51	13	5	5	—	4	14	5	5	—	—	...
0.51 to 1.00	40	22	—	—	4	—	9	—	5	—	—	...
1.01 to 1.50	8	8	—	—	—	—	—	—	—	—	—	...
1.51 or more	23	11	4	—	—	—	8	—	—	—	—	...
BEDROOMS												
None and 1	573	125	—	24	80	—	121	—	125	—	98	16 400
2	4 142	—	17	144	234	339	1 137	1 015	800	323	133	21 000
3	10 502	—	42	17	116	113	2 936	2 987	2 452	1 382	457	23 400
4 or more	3 465	—	—	24	—	—	292	634	1 056	584	875	32 400
YEAR STRUCTURE BUILT												
1969 to March 1970	526	—	—	5	6	4	35	40	242	88	106	32 100
1965 to 1968	2 349	—	—	—	5	—	239	498	614	644	349	32 000
1960 to 1964	5 752	15	14	14	22	38	1 077	1 865	1 581	697	429	24 500
1950 to 1959	5 570	19	18	34	77	145	2 050	1 412	970	507	338	21 600
1940 to 1949	2 223	36	15	40	45	110	777	484	424	171	121	20 900
1939 or earlier	2 111	37	35	86	166	151	512	387	386	200	151	20 900
COMPLETE BATHROOMS												
1 and 1 1/2	9 000	70	67	165	262	432	3 853	2 279	1 401	302	169	19 700
2 and 2 1/2	7 948	—	—	7	14	29	816	2 347	2 445	1 649	641	28 100
3 or more	1 369	—	—	—	—	—	18	51	297	374	629	47 800
None or also used by another household	168	30	23	7	8	7	74	12	7	—	—	16 600
HOUSEHOLD COMPOSITION												
Two-or-more-person households	16 851	58	67	137	232	337	4 227	4 302	3 986	2 106	1 399	23 900
Male head, wife present, no nonrelatives	14 614	47	47	92	194	285	3 523	3 782	3 548	1 886	1 210	24 100
Under 25 years	234	—	—	—	—	5	108	75	29	12	5	20 300
25 to 34 years	2 840	12	—	—	11	22	829	899	693	285	89	23 000
35 to 44 years	3 883	12	18	19	24	43	886	1 066	940	572	303	24 400
45 to 64 years	6 190	15	19	41	119	126	1 298	1 458	1 580	841	693	25 100
65 years and over	1 467	8	10	32	40	89	402	284	306	176	120	22 700
Other male head	583	4	10	—	10	18	170	117	129	74	51	23 400
Under 65 years	511	4	5	—	10	14	142	111	109	65	51	23 600
65 years and over	72	—	5	—	—	4	28	6	20	9	—	...
Female head	1 654	7	10	45	28	34	534	403	309	146	138	22 100
Under 65 years	1 361	—	5	31	28	21	460	367	241	104	104	21 800
65 years and over	293	7	5	14	—	13	74	36	68	42	34	24 700
One-person households	1 680	49	15	42	89	111	463	384	231	201	95	20 900
Under 65 years	936	30	15	28	56	56	263	220	130	104	85	21 600
65 years and over	744	19	10	27	61	55	200	164	101	97	10	20 000
INCOME IN 1969												
Less than \$2,000	857	31	15	15	55	44	256	181	126	69	65	20 300
\$2,000 to \$2,999	492	19	15	25	25	35	168	67	47	61	30	18 700
\$3,000 to \$3,999	410	—	5	20	10	15	123	87	89	41	20	21 800
\$4,000 to \$4,999	593	10	7	13	24	56	171	141	84	43	44	20 500
\$5,000 to \$5,999	587	—	9	14	28	46	187	147	85	45	26	20 300
\$6,000 to \$6,999	680	16	5	4	21	35	270	168	93	58	10	19 800
\$7,000 to \$9,999	2 846	8	17	55	74	110	1 052	842	17	468	130	20 600
\$10,000 to \$14,999	5 643	15	—	15	42	61	1 620	1 690	1 392	587	221	23 200
\$15,000 to \$24,999	4 798	8	4	18	42	36	774	1 231	1 476	853	356	26 900
\$25,000 or more	1 625	—	5	—	—	10	69	132	357	420	632	43 600
Median	\$12 500	\$4 400	...	\$6 600	\$6 900	\$6 800	\$10 400	\$12 100	\$14 000	\$16 400	\$21 800	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 717	—	7	19	21	28	663	733	666	396	184	24 200
1968	1 620	—	—	11	12	14	429	388	273	339	154	24 400
1967	1 319	7	—	7	14	7	317	294	322	237	114	25 400
1965 and 1966	2 809	—	22	7	30	40	738	729	651	411	181	23 900
1960 to 1964	4 761	39	—	24	14	56	1 043	1 469	1 172	538	406	24 100
1950 to 1959	3 635	35	46	41	85	225	1 168	740	685	320	290	21 500
1949 or earlier	1 624	19	15	70	108	98	403	336	315	150	110	21 500
HEATING EQUIPMENT												
Steam or hot water	768	—	—	5	9	10	49	92	133	198	272	41 500
Warm-air furnace	13 713	—	24	44	107	180	2 835	3 978	3 574	1 920	1 051	24 600
Built-in electric units	277	—	—	4	—	8	23	28	120	40	54	31 300
Floor, wall, or pipeless furnace	1 893	19	5	37	52	97	1 151	323	146	49	14	18 600
Other means	1 871	88	53	89	153	149	632	265	244	100	98	18 300
None	9	—	—	—	—	—	—	—	—	—	5	...
AIR CONDITIONING												
Room unit(s)	1 607	8	—	24	39	14	584	409	329	118	82	21 600
Central system	905	—	—	—	—	—	69	171	252	216	197	33 400
None	15 973	92	90	155	245	454	4 108	4 109	3 569	1 991	1 160	23 500

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

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	17 630	506	389	673	601	1 620	2 514	3 799	5 165	1 481	248	634	137
ROOMS													
1 room	1 925	188	219	336	217	308	301	229	52	5	26	44	79
2 rooms	1 973	160	66	169	142	440	380	370	120	37	6	83	98
3 rooms	4 655	115	77	85	115	576	1 071	1 295	1 000	140	11	170	125
4 rooms	5 056	37	14	62	94	222	537	1 367	2 122	399	56	146	153
5 rooms	2 675	6	9	9	23	70	173	388	1 341	509	35	112	173
6 rooms	884	-	-	6	10	4	48	109	381	245	35	46	182
7 rooms	302	-	-	-	-	-	-	4	25	84	48	13	195
8 rooms or more	160	-	4	6	-	-	-	16	21	62	31	20	237
Median	3.5	1.9	1.4	1.5	2.1	2.6	3.0	3.5	4.2	4.8	5.2	3.6	...
PERSONS													
1 person	6 293	449	335	523	432	906	1 201	1 118	839	189	67	234	106
2 persons	5 299	45	41	110	97	507	778	1 432	1 626	398	54	211	140
3 persons	2 609	12	5	23	26	117	304	624	1 143	234	49	72	157
4 persons	1 784	-	8	11	29	45	102	375	829	379	30	76	167
5 persons	921	-	-	-	-	78	166	367	234	15	27	173	173
6 persons or more	724	-	6	17	11	34	51	84	361	147	33	14	176
Median	2.0	1.1	1.1	1.1	1.2	1.4	1.6	2.0	2.6	3.2	2.6	1.9	...
Units with roomers, boarders, or lodgers	842	-	-	5	5	37	121	186	349	97	22	20	158
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	16 470	257	197	391	474	1 470	2 455	3 767	5 145	1 481	237	596	141
0.50 or less	7 301	174	110	216	259	731	1 185	1 584	1 996	577	123	346	135
0.51 to 1.00	7 931	79	87	160	180	641	1 094	1 911	2 692	770	94	223	145
1.01 to 1.50	928	4	-	5	25	47	104	175	408	124	15	21	161
1.51 or more	310	-	-	10	10	51	72	97	49	10	5	6	123
Lacking some or all plumbing facilities	1 160	249	192	282	127	150	32	59	20	-	11	38	64
0.50 or less	220	105	21	37	11	25	6	10	5	-	-	-	52
0.51 to 1.00	858	131	165	224	111	125	36	22	15	-	11	18	66
1.01 to 1.50	20	-	-	-	-	-	-	-	-	-	-	20	-
1.51 or more	62	13	6	21	5	-	17	-	-	-	-	-	...
BEDROOMS													
None	2 348	296	202	273	349	471	361	195	156	22	23	-	82
1	6 662	237	212	174	109	871	1 652	1 835	1 070	178	-	324	119
2	6 376	45	19	73	135	158	504	1 625	2 861	477	42	437	157
3 or more	2 262	-	-	-	23	44	104	274	1 211	464	101	41	177
YEAR STRUCTURE BUILT													
1969 to March 1970	479	-	-	-	-	4	23	165	191	65	24	7	162
1965 to 1968	1 540	-	-	-	-	24	109	278	674	282	110	63	174
1960 to 1964	3 835	120	42	88	47	104	258	792	1 627	594	68	95	163
1950 to 1959	3 960	52	43	51	102	296	615	883	1 484	297	14	123	146
1940 to 1949	2 291	71	33	56	85	245	506	635	484	96	-	80	125
1939 or earlier	5 525	263	271	478	367	947	1 003	1 046	705	147	32	266	106
ELEVATOR IN STRUCTURE													
4 floors or more	540	-	88	63	-	44	63	22	69	148	43	-	136
With elevator	540	-	88	63	-	44	63	22	69	148	43	-	136
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 3 floors	17 108	578	345	457	616	1 500	2 558	3 907	5 229	993	123	802	136
COMPLETE BATHROOMS													
1 and 1/2	15 016	233	158	405	427	1 435	2 312	3 637	4 853	1 051	39	466	139
2 or more	1 262	8	-	-	14	5	72	75	263	541	212	72	229
None or also used by another household	1 354	250	224	312	151	191	89	63	24	-	13	37	66
INCOME IN 1969													
Less than \$2,000	2 325	241	149	206	160	268	334	400	359	71	22	115	105
\$2,000 to \$2,999	1 366	109	95	125	58	198	249	252	182	45	5	48	106
\$3,000 to \$3,999	1 402	32	16	93	100	229	209	381	233	67	11	31	121
\$4,000 to \$4,999	1 322	35	-	66	65	179	277	336	240	50	-	74	120
\$5,000 to \$5,999	1 542	28	51	55	55	219	283	364	388	63	3	33	125
\$6,000 to \$6,999	1 369	21	33	21	50	145	220	442	312	74	-	51	131
\$7,000 to \$9,999	3 347	30	30	66	79	207	522	822	1 215	206	30	140	144
\$10,000 to \$14,999	3 243	10	15	36	28	130	316	612	1 525	449	43	79	164
\$15,000 to \$24,999	1 406	-	-	5	-	35	82	170	640	373	52	49	180
\$25,000 or more	308	-	-	-	6	10	22	20	71	83	82	14	222
Median	\$6 600	\$2 100	\$2 500	\$3 100	\$3 800	\$4 600	\$5 700	\$6 400	\$9 100	\$11 800	\$16 900	\$6 300	...
YEAR MOVED INTO UNIT													
1969 to March 1970	10 781	197	171	365	284	888	1 605	2 377	3 477	1 034	174	209	142
1968	2 256	27	7	52	64	189	229	472	798	314	14	90	153
1967	1 442	88	58	30	71	141	169	254	412	127	60	32	137
1965 and 1966	1 314	92	34	107	34	148	194	310	260	65	-	70	121
1960 to 1964	1 106	60	68	80	87	122	181	209	157	45	16	81	111
1950 to 1959	475	15	31	71	30	89	52	128	31	-	-	28	97
1949 or earlier	258	12	13	12	22	54	43	25	5	7	-	65	95
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	863	86	45	68	55	122	151	108	140	52	36	...	107
10 to 14 percent	2 317	51	84	94	94	234	410	466	707	157	20	...	132
15 to 19 percent	3 024	50	6	94	101	260	436	625	1 105	307	40	...	147
20 to 24 percent	2 473	55	38	53	64	235	300	557	879	283	9	...	146
25 to 34 percent	3 165	136	105	114	75	255	456	783	968	228	45	...	137
35 percent or more	4 786	117	99	238	185	476	706	1 185	1 254	439	87	...	134
Not computed	1 002	11	12	12	27	38	55	75	112	15	11	634	132
AIR CONDITIONING													
Room unit(s)	1 785	11	7	38	56	173	255	507	591	97	15	35	140
Central system	1 543	74	36	62	34	108	164	143	395	307	107	113	162
None	14 304	406	339	617	502	1 350	2 054	3 125	4 154	1 188	142	427	136

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 -----	23 989	1 339	794	811	857	974	1 068	3 934	6 933	5 482	1 797	11 600
ROOMS												
1 and 2 rooms -----	639	94	98	86	37	64	14	117	83	41	5	5 100
3 rooms -----	1 328	168	121	117	74	129	125	267	188	119	20	6 400
4 rooms -----	4 349	428	183	285	220	234	291	1 004	1 138	492	74	8 600
5 rooms -----	7 451	361	244	194	322	356	398	1 383	2 464	1 471	258	10 900
6 rooms -----	5 426	177	79	66	136	134	141	737	1 834	1 698	424	13 400
7 rooms or more -----	4 796	111	69	63	68	57	99	426	1 226	1 661	1 016	16 700
PERSONS												
1 person -----	2 848	756	279	237	249	267	207	427	269	98	59	4 600
2 persons -----	7 835	385	363	369	308	414	457	1 515	2 107	1 469	448	10 300
3 and 4 persons -----	8 442	162	105	176	197	249	264	1 302	2 833	2 350	804	13 100
5 persons -----	2 717	24	25	18	56	15	50	368	969	916	276	14 100
6 persons or more -----	2 147	12	22	11	47	29	90	322	755	649	210	13 600
Units with roomers, boarders, or lodgers -----	602	38	19	57	69	32	51	75	140	88	33	8 400
BEDROOMS												
Less than 3 -----	9 159	1 046	820	586	469	347	586	1 891	2 074	1 111	229	8 200
3 -----	11 199	320	183	208	377	347	335	1 919	3 517	2 975	1 018	12 700
4 or more -----	3 597	99	58	45	-	-	63	367	1 087	1 185	693	15 700
YEAR STRUCTURE BUILT												
1969 to March 1970 -----	1 255	53	18	54	15	58	43	216	441	252	105	11 900
1960 to 1968 -----	10 973	317	225	290	320	414	431	1 683	3 558	2 814	921	12 500
1950 to 1959 -----	6 725	425	220	191	270	257	331	1 198	1 837	1 567	429	11 300
1949 or earlier -----	5 036	544	331	276	252	245	263	837	1 097	849	342	9 200
YEAR MOVED INTO UNIT												
1969 to March 1970 -----	4 547	242	134	164	109	232	249	822	1 483	874	238	11 100
1968 -----	2 414	98	40	91	74	125	76	384	841	522	163	11 900
1960 to 1967 -----	11 020	394	212	278	355	414	433	1 665	3 434	2 938	897	12 600
1959 or earlier -----	6 019	541	313	270	327	300	335	995	1 248	1 209	481	9 800
SELECTED CHARACTERISTICS												
Automatic clothes washing machine -----	19 326	860	677	434	543	556	643	3 150	5 775	4 847	1 841	12 400
Clothes dryer -----	13 206	348	327	247	195	352	357	1 782	4 129	3 934	1 535	13 600
Dishwasher -----	10 714	312	224	236	187	334	210	1 305	3 064	3 279	1 563	14 200
Home food freezer -----	9 356	371	375	244	200	266	206	1 508	2 871	2 378	937	12 600
Owned second home -----	1 316	130	45	62	23	37	18	185	276	374	166	12 900
With air conditioning -----	5 055	299	118	218	238	313	322	898	1 339	961	349	10 500
Room unit(s) -----	2 978	154	85	98	126	174	188	645	850	541	117	10 100
Central system -----	2 077	145	33	120	112	139	134	253	489	420	232	11 000
Automobiles available:												
1 -----	9 114	650	355	518	554	768	567	1 871	2 333	1 217	281	8 800
2 -----	10 777	212	145	137	193	216	435	1 644	3 791	3 050	954	13 200
3 or more -----	3 019	39	15	34	59	40	30	262	804	1 200	536	16 900
Renter occupied housing units -----	17 798	2 343	1 371	1 416	1 342	1 542	1 381	3 377	3 277	1 427	322	6 600
ROOMS												
1 room -----	1 930	493	269	162	215	228	153	227	130	37	16	4 200
2 rooms -----	1 981	419	255	270	158	164	166	310	161	57	21	4 300
3 rooms -----	4 679	760	410	444	460	494	379	879	605	201	47	5 500
4 rooms -----	5 106	430	316	376	350	399	439	1 081	1 123	473	119	7 700
5 rooms -----	2 718	182	100	110	93	180	181	608	783	399	82	9 500
6 rooms or more -----	1 384	59	21	54	66	77	63	272	475	260	37	10 800
PERSONS												
1 person -----	6 322	1 601	844	620	622	689	460	806	455	145	80	4 200
2 persons -----	5 348	383	322	501	429	471	461	1 129	1 014	510	128	7 300
3 and 4 persons -----	4 455	324	141	249	243	280	370	1 015	1 231	524	78	8 800
5 persons -----	942	29	35	34	24	49	42	268	308	143	10	9 900
6 persons or more -----	731	6	29	12	24	53	48	159	269	105	26	10 600
Units with roomers, boarders, or lodgers -----	848	183	73	46	66	78	78	159	117	36	12	5 700
BEDROOMS												
None -----	2 366	495	380	256	223	247	160	335	158	66	46	4 200
1 -----	6 683	1 039	509	621	733	571	657	1 257	930	325	41	5 800
2 -----	6 487	676	423	436	347	450	641	1 350	1 265	765	134	7 600
3 or more -----	2 332	40	23	122	39	146	177	361	1 091	312	21	11 200
YEAR STRUCTURE BUILT												
1969 to March 1970 -----	479	22	5	58	50	39	57	101	97	35	15	7 300
1960 to 1968 -----	5 402	554	383	358	266	438	379	1 002	1 224	624	174	8 000
1950 to 1959 -----	3 985	442	240	240	313	358	322	804	828	380	58	7 300
1949 or earlier -----	7 932	1 325	743	760	713	707	623	1 470	1 128	388	75	5 600
YEAR MOVED INTO UNIT												
1969 to March 1970 -----	10 841	1 422	791	874	825	1 024	748	2 144	2 033	769	211	6 600
1968 -----	2 279	161	161	106	146	157	224	458	533	295	38	8 200
1960 to 1967 -----	3 914	598	342	346	309	327	332	670	549	352	89	6 100
1959 or earlier -----	750	156	92	60	83	65	36	126	84	42	6	4 800
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹ -----	17 630	2 325	1 366	1 402	1 322	1 542	1 369	3 347	3 243	1 406	308	6 600
Less than 15 percent -----	3 180	3	5	5	35	113	117	521	1 115	998	268	13 500
15 to 19 percent -----	3 024	-	23	44	94	165	213	854	1 318	287	26	10 500
20 to 24 percent -----	2 473	-	83	90	142	265	331	937	582	43	-	8 000
25 to 34 percent -----	3 165	148	185	313	473	588	526	781	125	26	-	5 800
35 percent or more -----	4 786	1 691	1 022	919	504	378	131	114	24	3	-	2 700
Not computed -----	1 002	483	48	31	74	33	51	140	79	49	14	2 400
SELECTED CHARACTERISTICS												
Automatic clothes washing machine -----	5 892	459	286	325	208	314	437	1 133	1 773	867	90	9 400
Clothes dryer -----	2 989	222	22	109	40	120	232	598	1 034	544	68	10 700
Dishwasher -----	1 925	65	-	72	148	81	188	299	692	271	109	10 800
Home food freezer -----	1 584	110	46	116	43	44	139	279	523	245	39	10 100
Owned second home -----	608	67	22	66	20	21	20	51	152	116	73	11 200
With air conditioning -----	3 369	363	323	300	196	267	276	587	564	347	146	6 900
Room unit(s) -----	1 820	206	162	153	115	157	142	374	314	152	45	6 800
Central system -----	1 549	157	161	147	81	110	134	213	250	195	101	6 900
Automobiles available:												
1 -----	9 657	1 081	670	888	805	933	811	1 985	1 750	614	120	6 600
2 -----	3 801	145	90	114	154	208	268	902	1 111	663	146	10 100
3 or more -----	692	55	41	20	16	29	38	138	175	130	50	10 300

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	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	23 989	23 757	12 064	10 456	1 013	224	232	91	90	8	43
PERSONS											
1 person.....	2 848	2 770	2 719	51	—	—	78	55	23	—	—
2 persons.....	7 835	7 785	6 897	846	—	42	50	28	13	—	9
3 persons.....	4 215	4 167	1 745	2 371	40	11	48	8	28	8	4
4 persons.....	4 227	4 211	473	3 681	52	5	16	—	12	—	4
5 persons.....	2 717	2 707	230	2 359	103	15	10	—	10	—	—
6 persons or more.....	2 147	2 117	—	1 148	818	151	30	—	4	—	26
Median.....	2.8	2.8	2.0	4.0	6.3	7.5+	2.3	...	...	...	...
Units with roomers, boarders, or lodgers.....	602	602	237	280	58	27	—	—	—	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970.....	1 300	1 286	608	604	55	19	14	—	—	—	—
1965 to 1968.....	3 680	3 675	1 631	1 836	170	38	5	—	5	—	—
1960 to 1964.....	7 064	7 056	3 104	3 532	363	57	8	—	—	—	—
1950 to 1959.....	6 860	6 794	3 301	3 089	321	83	66	12	17	—	37
1940 to 1949.....	2 529	2 494	1 667	796	12	19	35	18	17	—	—
1939 or earlier.....	2 567	2 485	1 774	643	62	6	82	45	28	—	9
INCOME IN 1969											
Less than \$2,000.....	1 339	1 257	1 065	158	24	10	82	51	31	—	—
\$2,000 to \$2,999.....	794	771	561	190	16	4	23	5	10	8	—
\$3,000 to \$3,999.....	811	792	551	230	5	6	19	—	19	—	—
\$4,000 to \$4,999.....	857	840	545	248	28	19	17	9	—	—	8
\$5,000 to \$5,999.....	974	966	638	297	12	19	8	4	4	—	—
\$6,000 to \$6,999.....	1 068	1 053	629	375	36	13	15	—	—	—	15
\$7,000 to \$9,999.....	3 934	3 907	1 885	1 761	216	45	27	5	17	—	5
\$10,000 to \$14,999.....	6 933	6 896	2 891	3 510	421	74	37	17	9	—	11
\$15,000 to \$24,999.....	5 482	5 478	2 258	2 964	227	29	4	—	—	—	4
\$25,000 or more.....	1 797	1 797	1 041	723	28	5	—	—	—	—	—
Median.....	\$11 600	\$11 700	\$10 300	\$12 800	\$12 000	\$9 700	\$3 600	...	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	18 531	18 409	9 205	8 324	768	112	122	51	40	8	23
Less than 1.5.....	4 325	4 302	1 844	2 189	245	24	23	—	8	—	15
1.5 to 1.9.....	4 189	4 158	1 634	2 241	251	32	31	4	19	8	—
2.0 to 2.4.....	3 030	3 030	1 338	1 525	152	15	—	—	—	—	—
2.5 to 2.9.....	1 908	1 892	881	938	48	25	16	4	4	—	8
3.0 to 3.9.....	1 923	1 910	1 082	774	44	10	13	8	5	—	—
4.0 or more.....	3 026	2 987	2 304	653	24	6	39	35	4	—	—
Not computed.....	130	130	122	4	4	—	—	—	—	—	—
HEATING EQUIPMENT											
Steam or hot water.....	943	943	594	345	4	—	—	—	—	—	—
Warm-air furnace.....	17 302	17 266	8 632	7 785	755	94	36	28	8	—	—
Built-in electric units.....	541	541	266	239	28	8	—	—	—	—	—
Floor, wall, or pipeless furnace.....	2 269	2 269	1 058	1 080	110	21	—	—	—	—	—
Other means.....	2 916	2 733	1 509	1 007	116	101	183	59	73	8	43
None.....	18	5	5	—	—	—	13	4	9	—	—
Renter occupied housing units	17 798	16 638	7 393	8 000	935	310	1 160	220	858	20	62
PERSONS											
1 person.....	6 322	5 287	4 369	918	—	—	1 035	216	819	—	—
2 persons.....	5 348	5 259	2 728	2 409	—	122	89	4	33	—	52
3 persons.....	2 653	2 627	248	2 259	106	14	26	—	6	15	5
4 persons.....	1 802	1 797	34	1 620	127	16	5	—	—	5	—
5 persons.....	942	942	14	623	241	64	—	—	—	—	—
6 persons or more.....	731	726	—	1 171	461	94	5	—	—	—	5
Median.....	2.0	2.1	1.3	2.8	5.5	4.5	1.1	1.0	1.0	...	...
Units with roomers, boarders, or lodgers.....	848	843	242	515	74	12	5	—	—	—	5
YEAR STRUCTURE BUILT											
1969 to March 1970.....	471	471	218	218	28	7	—	—	—	—	—
1965 to 1968.....	1 551	1 532	704	744	72	12	19	12	—	7	—
1960 to 1964.....	3 909	3 876	1 838	1 811	193	34	33	7	26	—	—
1950 to 1959.....	3 912	3 891	1 373	2 144	302	72	21	—	—	—	—
1940 to 1949.....	2 306	2 259	1 025	1 074	107	53	47	14	23	—	10
1939 or earlier.....	5 635	4 601	2 108	2 159	219	115	1 034	181	787	16	50
INCOME IN 1969											
Less than \$2,000.....	2 343	1 965	1 220	691	43	11	378	89	284	—	5
\$2,000 to \$2,999.....	1 371	1 169	698	400	43	28	202	46	145	—	11
\$3,000 to \$3,999.....	1 416	1 309	705	530	44	30	107	17	76	9	5
\$4,000 to \$4,999.....	1 342	1 261	639	543	63	16	81	11	57	—	13
\$5,000 to \$5,999.....	1 542	1 438	672	694	66	6	104	21	83	—	—
\$6,000 to \$6,999.....	1 381	1 332	544	683	64	41	49	11	32	6	—
\$7,000 to \$9,999.....	3 377	3 247	1 204	1 728	256	59	130	20	99	—	11
\$10,000 to \$14,999.....	3 277	3 185	1 015	1 861	224	85	92	5	71	5	11
\$15,000 to \$24,999.....	1 427	1 415	519	753	113	30	12	—	6	—	6
\$25,000 or more.....	322	317	177	117	19	4	5	—	5	—	—
Median.....	\$6 600	\$6 900	\$5 600	\$7 800	\$8 700	\$8 200	\$3 000	\$2 500	\$3 000	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	17 636	16 470	7 301	7 931	928	310	1 160	220	858	20	62
Less than 10 percent.....	863	693	288	355	23	27	170	15	125	—	30
10 to 14 percent.....	2 317	2 173	751	1 191	155	76	144	19	120	—	5
15 to 19 percent.....	3 024	2 877	1 024	1 623	180	50	147	45	91	—	11
20 to 24 percent.....	2 473	2 373	881	1 303	142	47	100	33	61	—	6
25 to 34 percent.....	3 165	2 962	1 345	1 347	227	43	203	42	161	—	—
35 percent or more.....	4 786	4 460	2 447	1 783	169	61	326	66	250	—	10
Not computed.....	1 002	932	565	329	32	6	70	—	50	20	—
HEATING EQUIPMENT											
Steam or hot water.....	2 793	2 110	947	1 059	47	57	683	67	587	—	29
Warm-air furnace.....	7 143	6 941	3 087	3 397	372	85	202	15	148	11	28
Built-in electric units.....	682	677	317	335	20	5	5	5	—	—	—
Floor, wall, or pipeless furnace.....	3 139	3 107	1 238	1 548	255	66	32	6	26	—	—
Other means.....	4 041	3 803	1 804	1 661	241	97	238	127	97	9	5
None.....	—	—	—	—	—	—	—	—	—	—	—

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

Table 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		23 989	140	499	1 328	4 349	7 451	5 426	2 695	2 101	5.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		23 698	105	487	1 240	4 438	7 234	5 492	2 658	2 044	5.3
PERSONS											
1 person	2 848	74	255	453	828	771	295	96	76	4.3	
2 persons	7 835	51	187	672	2 110	2 609	1 397	511	298	4.8	
3 persons	4 215	15	48	111	766	1 522	1 062	418	273	5.3	
4 persons	4 227	—	9	52	398	1 262	1 259	774	473	5.8	
5 persons	2 717	—	—	15	103	750	807	492	550	6.1	
6 persons or more	2 147	—	—	25	144	537	606	404	431	6.1	
Median	2.8	1.4	1.5	1.8	2.1	2.7	3.5	3.9	4.4	...	
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		23 757	104	479	1 279	4 294	7 405	5 409	2 686	2 101	5.3
0.50 or less	12 064	—	251	439	2 911	3 351	2 737	1 025	1 350	5.2	
0.51 to 1.00	10 456	51	183	762	1 148	3 517	2 435	1 628	732	5.4	
1.01 to 1.50	1 013	—	40	52	192	448	237	25	19	5.0	
1.51 or more	224	53	5	26	43	89	—	8	—	4.2	
Lacking some or all plumbing facilities		232	36	20	49	55	46	17	9	—	3.7
0.50 or less	91	—	4	14	27	29	17	—	—	...	
0.51 to 1.00	90	23	4	21	16	17	—	9	—	...	
1.01 to 1.50	8	—	8	—	—	—	—	—	—	...	
1.51 or more	43	13	4	14	12	—	—	—	—	...	
BEDROOMS											
None and 1	2 108	87	543	928	372	97	62	19	—	3.0	
2	7 051	—	—	432	3 241	2 476	692	136	74	4.5	
3	11 199	—	—	—	366	5 166	3 551	1 753	363	5.5	
4 or more	3 597	—	—	—	—	56	842	899	1 800	7.5	
YEAR STRUCTURE BUILT											
1969 to March 1970	1 255	27	31	77	370	291	215	104	140	4.9	
1960 to 1968	10 973	31	170	504	1 710	3 034	2 751	1 683	1 090	5.5	
1950 to 1959	6 725	76	194	501	964	2 458	1 576	480	476	5.2	
1949 or earlier	5 036	6	104	246	1 305	1 668	884	428	395	5.0	
COMPLETE BATHROOMS											
1 and 1 1/2	13 582	113	486	1 190	4 026	4 750	2 185	525	307	4.7	
2 or more	10 144	7	7	57	412	2 484	3 307	2 133	1 737	6.1	
None or also used by another household	274	34	6	39	70	101	24	—	—	4.3	
VALUE-INCOME RATIO											
Specified owner occupied¹		18 531	25	74	289	2 047	6 426	5 101	2 591	1 978	5.6
Less than 1.5	4 325	—	9	79	413	1 624	1 254	526	420	5.5	
1.5 to 1.9	4 189	12	23	36	435	1 480	1 265	531	407	5.6	
2.0 to 2.9	4 938	—	9	55	455	1 561	1 470	819	569	5.8	
3.0 or more	4 949	13	33	113	718	1 717	1 082	701	572	5.4	
Not computed	130	—	—	6	26	44	30	14	10	5.3	
Renter occupied housing units		17 798	1 930	1 981	4 679	5 106	2 718	908	302	174	3.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		15 675	392	1 593	4 486	4 974	2 821	899	333	177	3.8
PERSONS											
1 person	6 322	1 737	1 300	2 119	924	204	6	16	16	2.6	
2 persons	5 348	174	541	1 901	1 918	565	174	53	22	3.5	
3 persons	2 653	19	121	436	1 206	623	173	47	28	4.1	
4 persons	1 802	—	16	132	751	583	205	81	34	4.5	
5 persons	942	—	3	61	241	359	189	49	40	5.0	
6 persons or more	731	—	—	30	66	384	161	56	34	5.2	
Median	2.0	1.1	1.3	1.6	2.3	3.4	4.0	3.9	4.1	...	
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		16 638	1 054	1 747	4 644	5 091	2 718	908	302	174	3.7
0.50 or less	7 393	—	1 103	2 100	2 838	769	353	116	114	3.7	
0.51 to 1.00	8 000	918	519	2 326	1 951	1 565	491	170	60	3.6	
1.01 to 1.50	935	—	106	127	288	334	64	16	—	4.3	
1.51 or more	310	136	19	91	14	50	—	—	—	2.5	
Lacking some or all plumbing facilities		1 160	876	234	35	15	—	—	—	—	1.2
0.50 or less	220	—	197	19	4	—	—	—	—	2.1	
0.51 to 1.00	858	819	22	11	6	—	—	—	—	1.0	
1.01 to 1.50	20	—	15	5	—	—	—	—	—	...	
1.51 or more	62	57	—	—	5	—	—	—	—	...	
BEDROOMS											
None	2 366	1 790	514	62	—	—	—	—	—	1.2	
1	6 683	—	1 651	4 068	854	110	—	—	—	2.9	
2	6 487	—	—	581	4 519	1 161	137	48	41	4.1	
3 or more	2 332	—	—	—	120	1 168	780	154	110	5.4	
YEAR STRUCTURE BUILT											
1969 to March 1970	479	15	—	84	241	95	31	9	4	4.1	
1960 to 1968	5 402	193	467	1 517	2 085	701	320	92	27	3.8	
1950 to 1959	3 985	204	366	1 155	1 026	987	169	53	25	3.8	
1949 or earlier	7 932	1 518	1 148	1 923	1 754	935	388	148	118	3.2	
COMPLETE BATHROOMS											
1 and 1 1/2	15 122	1 036	1 631	4 440	4 794	2 401	580	171	69	3.6	
2 or more	1 308	—	13	78	194	427	319	162	115	5.4	
None or also used by another household	1 354	955	284	89	22	—	4	—	—	1.2	
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied²		17 630	1 925	1 973	4 655	5 056	2 675	884	302	160	3.6
Less than 10 percent	863	203	88	194	209	107	35	18	9	3.2	
10 to 14 percent	2 317	232	262	480	731	431	151	11	19	3.8	
15 to 19 percent	3 024	274	237	723	937	535	219	64	35	3.8	
20 to 24 percent	2 473	211	271	603	709	502	113	53	11	3.7	
25 to 34 percent	3 165	334	324	900	923	444	144	78	18	3.5	
35 percent or more	4 786	579	656	1 431	1 329	518	160	65	48	3.3	
Not computed	1 002	92	135	324	218	138	62	13	20	3.3	

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

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

Table A-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	23 989	19 062	994	3 933	17 798	6 137	2 357	1 666	2 140	2 395	2 420	683
ROOMS												
1 room	140	30	-	110	1 930	84	21	76	205	575	956	13
2 rooms	499	74	52	373	1 981	321	165	190	364	457	350	134
3 rooms	1 328	339	99	890	4 679	956	788	609	774	719	592	241
4 rooms	4 349	2 153	439	1 757	5 106	1 795	850	593	658	548	427	235
5 rooms	7 451	6 554	259	638	2 718	1 719	504	147	124	91	85	48
6 rooms	5 426	5 216	79	131	908	818	8	51	9	5	5	12
7 rooms	2 695	2 643	28	24	302	276	15	-	6	-	5	-
8 rooms or more	2 101	2 053	38	10	174	168	6	-	-	-	-	-
Median	5.3	5.6	4.3	3.8	3.6	4.5	3.7	3.4	3.1	2.7	2.2	3.3
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	23 757	18 891	981	3 885	16 638	6 067	2 346	1 609	1 934	2 104	1 911	667
0.50 or less	12 064	9 511	638	1 915	7 393	2 454	847	799	1 060	979	897	357
0.51 to 1.00	10 456	8 486	323	1 647	8 000	3 070	1 240	702	773	1 005	964	246
1.01 to 1.50	1 013	777	20	216	935	228	64	63	41	18	18	37
1.51 or more	224	117	-	107	310	59	31	44	38	79	32	27
Lacking some or all plumbing facilities	232	171	13	48	1 760	70	11	57	204	291	509	18
0.50 or less	91	68	13	10	220	41	-	28	64	18	58	11
0.51 to 1.00	90	65	-	25	858	15	11	24	129	251	428	-
1.01 to 1.50	8	8	-	-	20	9	-	-	-	6	-	5
1.51 or more	43	30	-	13	62	5	-	5	13	16	23	-
BEDROOMS												
None	152	22	41	89	2 366	103	21	216	202	653	1 148	23
1	1 956	636	143	1 177	6 683	1 548	1 024	688	1 446	853	854	270
2	7 051	4 270	625	2 156	6 487	2 641	920	686	649	753	478	347
3	11 199	10 639	155	405	1 943	1 292	465	87	89	-	-	30
4 or more	3 597	3 533	43	21	369	369	-	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	1 255	534	85	636	479	73	27	57	169	106	31	16
1965 to 1968	3 784	2 398	97	1 289	1 553	290	171	122	228	249	366	127
1960 to 1964	7 189	5 843	274	1 072	3 849	910	295	479	622	749	611	183
1950 to 1959	6 725	5 701	187	837	3 985	1 448	1 075	201	298	326	351	286
1940 to 1949	2 452	2 309	81	62	2 322	1 162	230	330	243	183	115	59
1939 or earlier	2 584	2 277	270	37	5 610	2 254	559	477	580	782	946	12
INCOME IN 1969												
Less than \$2,000	1 339	918	75	346	2 343	533	276	240	420	428	347	99
\$2,000 to \$2,999	794	514	55	225	1 371	307	132	191	197	238	228	78
\$3,000 to \$3,999	811	467	50	294	1 416	397	188	179	183	191	224	54
\$4,000 to \$4,999	857	608	40	209	1 342	392	210	124	179	218	152	67
\$5,000 to \$5,999	974	601	42	331	1 542	386	191	156	201	198	318	92
\$6,000 to \$6,999	1 068	694	94	280	1 381	434	200	133	163	186	164	101
\$7,000 to \$9,999	3 934	2 884	191	859	3 377	1 364	431	273	392	436	425	56
\$10,000 to \$14,999	6 933	5 733	221	979	3 277	1 505	523	260	260	338	300	101
\$15,000 to \$24,999	5 482	4 921	190	371	1 427	688	191	98	117	132	166	35
\$25,000 or more	1 797	1 722	36	39	322	131	15	22	28	30	96	-
Median	\$11 600	\$12 500	\$9 200	\$8 000	\$6 600	\$8 400	\$6 900	\$5 600	\$5 500	\$5 600	\$5 800	\$5 500
YEAR MOVED INTO UNIT												
1969 to March 1970	4 547	2 785	212	1 550	10 841	3 431	1 423	1 074	1 301	1 541	1 548	523
1968	2 414	1 626	140	648	2 279	1 003	300	190	262	273	190	61
1967	1 727	1 337	84	306	1 469	614	201	133	106	205	168	42
1965 and 1966	3 599	2 882	140	577	1 329	498	184	116	182	174	165	10
1960 to 1964	5 694	4 870	152	672	1 116	378	151	85	166	157	168	11
1950 to 1959	3 981	3 660	154	167	486	181	44	35	56	54	109	7
1949 or earlier	2 038	1 892	119	27	264	159	20	8	-	22	55	-
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	17 630	5 969	2 357	1 666	2 140	2 395	2 420	683
Less than \$50 .....	...	...	...	...	506	97	24	57	125	110	77	16
\$50 to \$59 .....	...	...	...	...	389	81	17	23	89	55	124	-
\$60 to \$69 .....	...	...	...	...	673	64	55	35	110	192	209	8
\$70 to \$79 .....	...	...	...	...	601	102	67	58	78	150	110	36
\$80 to \$99 .....	...	...	...	...	1 620	431	206	210	149	275	264	85
\$100 to \$119 .....	...	...	...	...	2 514	737	384	321	278	258	367	169
\$120 to \$149 .....	...	...	...	...	3 799	1 244	543	412	609	523	295	173
\$150 to \$199 .....	...	...	...	...	5 165	1 891	969	390	567	626	598	124
\$200 to \$299 .....	...	...	...	...	1 481	880	46	111	100	118	205	21
\$300 or more .....	...	...	...	...	248	123	-	4	12	15	94	-
No cash rent .....	...	...	...	...	634	319	46	45	23	73	77	51
Median .....	...	...	...	...	\$137	\$152	\$142	\$128	\$131	\$127	\$122	\$120
HEATING EQUIPMENT												
Steam or hot water	943	843	100	-	2 793	211	86	148	427	658	1 258	5
Warm-air furnace	17 302	13 954	392	2 956	7 143	2 719	1 114	676	708	888	632	406
Built-in electric units	541	291	138	112	682	130	45	103	138	153	106	7
Floor, wall, or pipeless furnace	2 269	1 937	216	116	3 139	1 316	434	440	424	264	223	38
Other means	2 916	2 028	148	740	4 041	1 761	678	299	443	432	201	227
None	18	9	-	9	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	2 978	1 697	89	1 192	1 820	396	150	146	195	349	323	261
Central system	2 077	937	79	1 061	1 549	182	8	32	90	348	770	119
None	18 945	16 418	833	1 694	14 415	5 686	2 165	1 463	1 788	1 729	1 310	274
AUTOMOBILES AVAILABLE												
1	9 114	6 459	535	2 120	9 657	3 133	1 435	990	1 131	1 279	1 244	445
2	10 777	9 166	301	1 310	3 801	2 033	516	300	380	261	211	100
3 or more	3 019	2 690	94	235	692	401	61	54	39	65	83	19
None	1 090	737	71	282	3 634	697	311	297	523	821	895	90

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

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

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

The SMSA	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	23 989	466	3 407	4 496	7 907	1 989	672	88	1 779	337	1 777	1 071
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	23 757	462	3 381	4 480	7 881	1 956	668	83	1 750	326	1 760	1 010
0.50 or less	12 064	220	743	836	4 442	1 522	338	40	927	277	1 714	1 005
0.51 to 1.00	10 456	228	2 369	3 103	3 158	415	310	38	739	45	46	5
1.01 to 1.50	1 013	9	216	460	218	8	20	5	73	4	—	—
1.51 or more	224	5	53	81	63	11	—	—	11	—	—	—
Lacking some or all plumbing facilities	232	4	26	16	26	33	4	5	29	11	17	61
0.50 or less	91	—	9	—	12	10	—	—	5	—	17	38
0.51 to 1.00	90	4	8	4	6	16	4	5	16	4	—	23
1.01 to 1.50	8	—	—	8	—	—	—	—	—	—	—	—
1.51 or more	43	—	9	4	8	7	—	—	8	7	—	—
UNITS IN STRUCTURE												
1	19 062	234	2 872	3 945	6 423	1 560	533	78	1 377	302	989	749
2 or more	994	16	74	93	301	117	32	5	77	20	166	93
Mobile home or trailer	3 933	216	461	458	1 183	312	107	5	325	15	622	229
INCOME IN 1969												
Less than \$2,000	1 339	8	53	36	146	146	15	—	132	47	269	487
\$2,000 to \$2,999	794	10	4	45	111	211	20	4	65	45	144	135
\$3,000 to \$3,999	811	20	16	32	83	198	25	5	149	46	138	99
\$4,000 to \$4,999	857	12	85	46	79	172	19	21	155	19	180	69
\$5,000 to \$5,999	974	38	70	34	235	165	30	—	135	—	219	48
\$6,000 to \$6,999	1 068	27	104	92	233	149	30	—	187	—	160	47
\$7,000 to \$9,999	3 934	118	738	546	1 169	304	132	21	436	43	341	86
\$10,000 to \$14,999	6 933	164	1 443	1 701	2 453	305	221	22	335	40	180	89
\$15,000 to \$24,999	5 482	63	737	1 542	2 502	208	122	11	141	58	87	11
\$25,000 or more	1 797	6	155	422	896	131	58	4	44	22	59	—
Median	\$11 600	\$10 000	\$12 200	\$14 200	\$13 900	\$6 700	\$11 500	...	\$7 500	\$6 300	\$5 700	\$2 400
VALUE-INCOME RATIO												
Specified owner occupied¹	18 531	234	2 840	3 883	6 190	1 467	511	72	1 361	293	936	744
Less than 1.5	4 325	58	535	1 120	1 988	217	125	10	102	56	103	11
1.5 to 1.9	4 189	70	865	1 123	1 469	189	129	6	183	24	90	41
2.0 to 2.4	3 030	42	632	719	1 029	145	55	15	242	22	113	16
2.5 to 2.9	1 908	29	335	414	588	151	59	11	172	24	105	20
3.0 to 3.9	1 923	20	303	280	488	209	86	9	254	28	155	91
4.0 or more	3 026	15	165	223	604	556	57	21	384	139	334	528
Not computed	130	—	5	4	24	—	—	—	24	—	36	37
Renter occupied housing units	17 798	1 399	2 673	1 528	2 161	679	1 056	83	1 796	101	4 629	1 693
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	16 638	1 394	2 673	1 503	2 144	664	1 033	78	1 761	101	3 968	1 319
0.50 or less	7 393	281	495	274	717	387	374	5	445	46	3 228	1 141
0.51 to 1.00	8 000	1 028	1 777	939	1 232	257	574	61	1 159	55	740	178
1.01 to 1.50	935	69	315	224	154	5	55	—	113	—	—	—
1.51 or more	310	16	86	66	41	15	30	12	44	—	—	—
Lacking some or all plumbing facilities	1 160	5	—	25	17	15	23	5	35	—	661	374
0.50 or less	220	—	—	4	—	—	—	—	—	—	108	108
0.51 to 1.00	858	5	—	11	—	6	6	—	11	—	553	266
1.01 to 1.50	20	—	—	5	—	—	—	—	6	—	—	—
1.51 or more	62	—	—	5	17	—	17	5	18	—	—	—
UNITS IN STRUCTURE												
1	6 137	481	1 301	808	1 133	202	376	27	632	50	825	302
2 to 4	4 023	477	723	351	406	123	270	20	537	11	756	346
5 to 19	4 535	312	406	217	389	245	238	21	454	30	1 637	589
20 or more	2 420	57	134	83	182	109	132	15	101	5	1 208	394
Mobile home or trailer	683	72	109	69	51	—	40	—	72	5	203	62
GROSS RENT												
Specified renter occupied²	17 630	1 392	2 647	1 516	2 086	673	1 047	83	1 792	101	4 610	1 683
Less than \$50	506	9	—	4	22	5	4	—	8	—	161	288
\$50 to \$59	389	5	—	13	15	10	11	—	—	—	150	185
\$60 to \$69	673	14	6	11	24	46	16	5	22	6	318	205
\$70 to \$79	601	10	27	32	18	25	10	5	42	—	303	129
\$80 to \$99	1 620	121	92	95	155	72	78	—	148	15	744	162
\$100 to \$119	2 514	238	188	147	248	85	158	14	227	8	1 009	192
\$120 to \$149	3 799	468	582	184	470	118	216	21	583	39	939	179
\$150 to \$199	5 165	490	1 299	694	681	194	364	11	579	12	653	186
\$200 to \$299	1 481	16	343	324	303	36	136	5	124	5	125	64
\$300 or more	248	—	30	34	67	14	23	—	13	—	47	20
No cash rent	634	21	80	38	83	66	33	17	46	16	161	73
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied²	17 630	1 392	2 647	1 516	2 086	673	1 047	83	1 792	101	4 610	1 683
Less than \$5,000	6 415	323	219	117	293	336	345	54	996	65	2 283	1 384
Less than 20 percent	209	—	—	—	11	10	—	5	13	—	110	60
20 to 24 percent	315	9	6	—	29	35	5	5	9	6	123	88
25 to 34 percent	1 119	75	47	25	44	51	30	—	106	10	429	302
35 percent or more	4 136	233	147	87	189	192	291	32	770	38	1 322	835
Not computed	636	6	19	5	20	48	19	12	98	11	299	99
\$5,000 to \$9,999	6 258	789	1 074	421	698	221	444	19	616	26	1 747	203
Less than 20 percent	1 983	237	234	128	253	71	108	14	97	6	750	85
20 to 24 percent	1 533	235	296	125	168	54	71	—	91	9	477	7
25 to 34 percent	1 895	245	395	120	201	52	183	5	256	6	384	48
35 percent or more	623	56	99	37	48	19	59	—	151	5	100	49
Not computed	224	16	50	11	28	25	23	—	21	—	36	14
\$10,000 to \$14,999	3 243	245	978	615	614	61	171	5	103	—	392	59
Less than 20 percent	2 433	215	737	406	422	45	137	—	94	—	334	43
20 to 24 percent	582	30	183	146	136	6	20	—	—	—	41	11
25 percent or more	149	—	42	41	41	—	9	—	—	—	11	5
Not computed	79	—	16	22	15	10	5	—	—	—	6	—
\$15,000 or more	1 714	35	376	363	481	55	87	5	77	10	188	37
Less than 20 percent	1 579	30	357	340	412	55	87	5	77	5	174	37
20 to 24 percent	43	—	—	12	31	—	—	—	—	—	—	—
25 percent or more	29	—	9	6	—	—	—	—	—	—	5	—
Not computed	63	5	10	5	29	—	—	—	—	5	9	—

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

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

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

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	23 989	2 848	7 835	4 215	4 227	2 717	1 276	610	261	2.8
BEDROOMS										
None and 1	2 108	907	946	114	75	24	-	21	21	1.7
2	7 051	1 319	3 685	1 103	599	197	85	42	21	2.1
3	11 199	477	2 797	2 375	2 880	1 638	579	327	126	3.3
4 or more	3 597	22	441	475	814	899	491	328	127	4.6
YEAR STRUCTURE BUILT										
1969 to March 1970	1 255	100	464	260	218	163	37	6	7	2.7
1965 to 1968	3 784	285	1 094	666	845	512	216	119	47	3.3
1960 to 1964	7 189	624	1 919	1 252	1 500	979	537	263	113	3.3
1950 to 1959	6 725	799	2 199	1 179	1 210	739	390	152	57	2.8
1940 to 1949	2 452	378	1 077	469	274	163	64	22	5	2.3
1939 or earlier	2 584	660	1 082	389	180	161	32	48	32	2.1
UNITS IN STRUCTURE										
1	19 062	1 738	5 627	3 506	3 766	2 494	1 129	587	215	3.1
2 or more	994	259	436	128	58	67	35	4	7	2.0
Mobile home or trailer	3 933	851	1 772	581	403	156	112	19	39	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	13 582	2 318	5 282	2 343	1 750	1 101	486	207	95	2.3
2 and 2 1/2	8 442	470	2 226	1 690	2 089	1 190	625	255	97	3.5
3 or more	1 502	19	256	204	327	394	191	78	33	4.3
None or also used by another household	274	76	76	48	7	14	9	28	16	2.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	21 141	...	7 835	4 215	4 227	2 717	1 276	610	261	3.1
Male head, wife present, no nonrelatives	18 265	...	6 557	3 451	3 816	2 476	1 176	543	246	3.2
Under 25 years	466	...	186	178	81	4	-	-	-	2.8
25 to 34 years	3 407	...	507	656	1 135	684	282	92	51	4.0
35 to 44 years	4 496	...	484	594	1 233	1 123	614	319	129	4.4
45 to 64 years	7 907	...	3 724	1 778	1 329	628	257	132	59	2.6
65 years and over	1 989	...	1 656	245	38	24	19	-	7	2.1
Other male head	760	...	297	233	113	77	20	20	-	2.9
Under 65 years	672	...	267	197	96	72	20	20	-	2.9
65 years and over	88	...	30	36	17	5	-	-	-	...
Female head	2 116	...	981	531	298	164	80	47	15	2.4
Under 65 years	1 779	...	743	461	284	160	80	40	11	2.8
65 years and over	337	...	238	70	14	4	7	-	4	2.2
One-person households	2 848	2 848	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	18 531	1 680	5 407	3 389	3 685	2 468	1 116	582	204	3.1
Less than 1.5	4 325	114	1 171	939	938	616	318	201	28	3.4
1.5 to 1.9	4 189	131	1 061	798	1 003	686	277	160	73	3.6
2.0 to 2.4	3 030	129	772	617	668	473	223	109	39	3.5
2.5 to 2.9	1 908	125	552	360	402	267	123	49	30	3.3
3.0 to 3.9	1 923	246	635	328	312	227	121	39	15	2.7
4.0 or more	3 026	862	1 177	342	353	195	54	24	19	2.1
Not computed	130	73	39	5	9	4	-	-	-	1.4
Renter occupied housing units	17 798	6 322	5 348	2 653	1 802	942	417	211	103	2.0
BEDROOMS										
None	2 366	1 949	352	65	-	-	-	-	-	1.1
1	6 683	3 402	2 643	429	115	49	22	23	-	1.5
2	6 487	963	2 184	1 767	942	451	135	22	23	2.6
3 or more	2 332	89	229	471	588	458	339	113	45	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	479	61	186	119	61	25	22	5	-	2.5
1965 to 1968	1 553	531	526	188	202	81	10	15	-	2.0
1960 to 1964	3 849	1 146	1 278	658	375	249	87	32	24	2.1
1950 to 1959	3 985	1 087	1 131	677	556	279	141	90	24	2.3
1940 to 1949	2 322	692	736	394	241	157	61	12	29	2.1
1939 or earlier	5 610	2 805	1 491	617	367	151	96	57	26	1.5
UNITS IN STRUCTURE										
1	6 137	1 127	1 621	1 250	1 005	618	316	112	88	2.8
2	2 357	503	828	397	322	184	55	68	-	2.3
3 and 4	1 666	602	584	295	102	57	11	4	11	1.9
5 to 9	2 140	981	705	265	130	25	20	14	-	1.6
10 to 19	2 395	1 242	816	175	119	28	10	5	-	1.5
20 or more	2 420	1 602	627	126	65	-	-	-	-	1.3
Mobile home or trailer	683	265	167	145	59	30	5	8	4	2.0
COMPLETE BATHROOMS										
1 and 1 1/2	15 122	4 980	4 915	2 387	1 557	693	305	194	91	2.0
2 or more	1 308	115	278	220	279	273	90	35	18	3.6
None or also used by another household	1 354	1 190	125	32	7	-	-	-	-	1.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	11 476	...	5 348	2 653	1 802	942	417	211	103	2.6
Male head, wife present, no nonrelatives	8 440	...	3 710	1 905	1 447	750	349	197	82	2.8
Under 25 years	1 399	...	674	496	191	24	4	10	-	2.6
25 to 34 years	2 673	...	776	632	674	368	143	40	40	3.4
35 to 44 years	1 528	...	422	313	318	251	131	82	11	3.6
45 to 64 years	2 161	...	1 220	423	258	102	62	65	31	2.4
65 years and over	679	...	618	41	6	5	9	-	-	2.0
Other male head	1 139	...	722	206	139	49	15	8	-	2.3
Under 65 years	1 056	...	655	190	139	49	15	8	-	2.3
65 years and over	83	...	67	16	-	-	-	-	-	...
Female head	1 897	...	916	542	216	143	53	6	21	2.6
Under 65 years	1 796	...	840	537	201	138	53	6	21	2.6
65 years and over	101	...	76	5	15	5	-	-	-	2.2
One-person households	6 322	6 322	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	17 630	6 293	5 299	2 609	1 784	921	417	204	103	2.0
Less than 10 percent	863	326	295	103	79	20	21	6	13	1.9
10 to 14 percent	2 317	504	867	404	283	157	41	54	7	2.3
15 to 19 percent	3 024	763	967	464	429	241	95	49	16	2.3
20 to 24 percent	2 473	747	684	433	309	176	62	46	16	2.2
25 to 34 percent	3 165	1 173	899	473	309	154	97	39	21	2.0
35 percent or more	4 786	2 317	1 302	617	293	136	85	10	26	1.6
Not computed	1 002	463	285	115	82	37	16	-	4	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 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	226	124	57	45	Vacant for rent	1 078	945	58	75
ROOMS					ROOMS				
1 to 3 rooms	12	8	-	4	1 room	175	162	8	5
4 rooms	26	17	4	5	2 rooms	93	90	-	3
5 rooms	74	35	19	20	3 rooms	311	285	21	5
6 rooms	57	40	6	11	4 rooms	304	259	19	26
7 rooms or more	57	24	28	5	5 rooms	183	137	10	36
					6 rooms	-	-	-	-
					7 rooms or more	12	12	-	-
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	226	124	57	45	With all plumbing facilities	986	864	54	68
Lacking some or all plumbing facilities	-	-	-	-	Lacking some or all plumbing facilities	92	81	4	7
BEDROOMS					BEDROOMS				
None and 1	47	14	-	33	None	157	128	15	14
2	47	14	18	15	1	404	375	29	-
3	139	84	11	44	2	349	257	44	48
4 or more	51	18	33	-	3 or more	124	91	15	18
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	47	22	17	8	1969 to March 1970	46	46	-	-
1960 to 1968	91	60	12	19	1960 to 1968	327	313	6	8
1950 to 1959	42	26	16	-	1950 to 1959	246	220	20	6
1949 or earlier	46	16	12	18	1949 or earlier	459	366	32	61
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	182	105	53	24	1	291	235	29	27
2 or more	44	19	4	21	2 to 4	217	167	10	40
					5 to 9	185	175	10	-
					10 to 19	239	222	9	8
					20 or more	146	146	-	-
HEATING EQUIPMENT					UNITS IN STRUCTURE				
Steam or hot water	8	3	5	-	1	291	235	29	27
Warm-air furnace	170	83	50	37	2 to 4	217	167	10	40
Built-in electric units	13	5	-	8	5 to 9	185	175	10	-
Floor, wall, or pipeless furnace	8	8	-	-	10 to 19	239	222	9	8
Other means	27	25	2	-	20 or more	146	146	-	-
None	-	-	-	-					
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale¹	182	105	53	24	Specified vacant for rent²	1 074	945	58	71
Less than \$5,000	-	-	-	-	Less than \$50	99	57	-	42
\$5,000 to \$9,999	-	-	-	-	\$50 to \$59	20	16	-	4
\$10,000 to \$14,999	5	5	-	-	\$60 to \$79	122	91	21	10
\$15,000 to \$19,999	30	24	6	-	\$80 to \$99	142	127	10	5
\$20,000 to \$24,999	57	28	17	12	\$100 to \$119	193	180	13	-
\$25,000 to \$34,999	22	15	2	5	\$120 to \$149	254	241	6	7
\$35,000 to \$49,999	38	27	11	7	\$150 to \$199	206	199	4	3
\$50,000 or more	30	6	17	7	\$200 or more	38	34	4	-
Median price asked	\$24 900	\$24 200	...	...	Median rent asked	\$116	\$120	...	...

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	182	-	5	30	57	22	68	1 074	119	122	142	447	206	38
PLUMBING FACILITIES														
With all plumbing facilities	226	-	14	47	40	30	95	907	105	73	172	355	172	30
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	127	30	82	15	-	-	-
BEDROOMS														
None and 1	18	-	-	-	-	-	18	561	84	122	132	175	48	-
2	32	-	14	-	18	-	-	349	33	33	44	85	124	30
3	125	-	-	29	22	30	44	124	18	-	11	95	-	-
4 or more	51	-	-	18	-	-	33	-	-	-	-	-	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	34	-	-	-	16	5	29	46	-	-	-	33	9	4
1960 to 1968	72	-	-	15	16	12	29	327	44	12	24	95	118	34
1950 to 1959	42	-	5	8	26	-	3	246	11	22	28	139	46	-
1949 or earlier	34	-	-	7	15	5	7	455	64	88	90	180	33	-
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	287	14	33	68	119	49	4
2 to 4 .....	...	...	...	...	...	...	...	217	61	29	6	98	19	4
5 to 19 .....	...	...	...	...	...	...	...	424	19	53	68	184	82	18
20 or more .....	...	...	...	...	...	...	...	146	25	7	-	46	56	12
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	339	29	81	46	134	27	22
Some or no utilities included .....	...	...	...	...	...	...	...	735	90	41	96	313	179	16

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]

Reno	Total	Less than	\$5,000	\$7,500	\$10,000	\$12,500	\$15,000	\$20,000	\$25,000	\$35,000	\$50,000	Median (dollars)
		\$5,000	to \$7,499	to \$9,999	to \$12,499	to \$14,999	to \$19,999	to \$24,999	to \$34,999	to \$49,999	or more	
Specified owner occupied¹	10 885	—	10	56	125	254	2 402	3 063	2 791	1 389	795	24 100
ROOMS												
1 and 2 rooms	35	—	—	—	—	—	—	—	—	—	—	—
3 rooms	103	—	—	5	16	16	20	32	10	—	—	18 600
4 rooms	1 314	—	10	38	36	126	560	237	210	73	24	19 100
5 rooms	3 818	—	—	4	35	73	1 231	1 524	733	156	62	21 900
6 rooms	2 963	—	—	5	38	31	487	940	895	434	134	24 900
7 rooms	1 498	—	—	—	—	—	82	235	637	377	154	31 600
8 rooms or more	1 154	—	—	—	—	—	17	84	300	344	409	42 700
Median	5.6	—	—	—	4.8	4.4	5.0	5.3	6.0	6.6	7.5	—
PERSONS												
1 person	1 096	—	—	15	50	70	279	289	187	145	61	22 300
2 persons	3 427	—	10	23	53	116	810	872	855	414	274	24 000
3 persons	2 035	—	—	5	11	14	493	611	540	243	118	24 000
4 persons	2 027	—	—	8	—	33	354	587	644	252	149	25 500
5 persons	1 321	—	—	—	6	21	232	394	366	202	100	25 200
6 persons or more	979	—	—	5	—	—	234	310	199	133	93	24 000
Median	3.0	—	—	—	1.7	2.0	2.7	3.1	3.2	3.1	3.0	—
Units with roomers, boarders, or lodgers	305	—	5	4	—	9	72	54	111	28	22	25 800
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 861	—	10	51	125	254	2 398	3 058	2 781	1 389	795	24 100
0.50 or less	5 873	—	10	33	98	186	1 155	1 399	1 524	888	580	25 400
0.51 to 1.00	4 563	—	—	13	22	64	1 059	1 509	1 198	489	209	23 700
1.01 to 1.50	384	—	—	5	—	4	168	136	48	12	6	20 400
1.51 or more	41	—	—	—	—	—	16	14	11	—	—	—
Lacking some or all plumbing facilities	24	—	—	5	—	—	4	5	10	—	—	—
0.50 or less	15	—	—	5	—	—	—	5	5	—	—	—
0.51 to 1.00	9	—	—	—	—	—	4	—	5	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None and 1	205	—	—	—	21	—	—	—	103	—	81	—
2	2 717	—	—	19	81	162	709	780	554	279	133	22 500
3	6 127	—	—	59	113	113	1 326	2 049	1 554	785	241	23 800
4 or more	1 984	—	—	—	—	—	214	298	602	418	452	33 000
YEAR STRUCTURE BUILT												
1969 to March 1970	217	—	—	—	—	—	7	15	111	31	53	32 800
1965 to 1968	1 165	—	—	—	5	—	186	232	240	348	154	31 600
1960 to 1964	3 053	—	—	4	—	21	463	1 058	954	340	213	24 900
1950 to 1959	3 441	—	—	5	5	77	889	1 053	828	370	214	23 500
1940 to 1949	1 540	—	—	4	23	57	565	385	335	116	55	21 600
1939 or earlier	1 469	—	10	43	92	99	292	320	323	184	106	23 100
COMPLETE BATHROOMS												
1 and 1 1/2	5 269	—	14	55	109	237	1 935	1 481	1 123	210	105	21 000
2 and 2 1/2	4 750	—	—	7	7	22	493	1 475	1 439	979	328	27 600
3 or more	824	—	—	—	—	—	18	51	216	205	334	44 300
None or also used by another household	44	—	—	7	—	—	18	12	7	—	—	—
HOUSEHOLD COMPOSITION												
Two-or-more-person households	9 789	—	10	41	75	184	2 123	2 774	2 604	1 244	734	24 400
Male head, wife present, no nonrelatives	8 422	—	—	28	69	136	1 730	2 457	2 288	1 095	619	24 600
Under 25 years	125	—	—	—	—	—	38	45	20	5	2	22 200
25 to 34 years	1 502	—	—	—	—	8	387	560	396	124	27	23 200
35 to 44 years	2 001	—	—	4	6	18	390	618	531	298	136	24 700
45 to 64 years	3 810	—	—	10	43	72	652	1 007	1 107	550	369	26 100
65 years and over	984	—	—	14	20	33	263	227	234	111	82	23 600
Other male head	347	—	5	—	—	18	91	55	95	63	20	25 500
Under 65 years	292	—	—	—	—	14	74	55	75	54	20	25 400
65 years and over	55	—	5	—	—	4	17	—	20	9	—	—
Female head	1 020	—	5	13	6	30	302	262	221	86	95	22 900
Under 65 years	785	—	—	4	6	21	242	226	169	56	61	22 600
65 years and over	235	—	5	9	—	9	60	36	52	30	34	24 800
One-person households	1 096	—	—	15	50	70	279	289	187	145	61	22 300
Under 65 years	553	—	—	5	11	26	153	143	107	57	51	22 800
65 years and over	543	—	—	10	39	44	126	146	80	88	10	21 800
INCOME IN 1969												
Less than \$2,000	546	—	—	5	30	29	170	128	88	44	52	21 500
\$2,000 to \$2,999	279	—	5	5	10	24	89	56	36	36	18	20 600
\$3,000 to \$3,999	236	—	5	5	4	5	68	58	71	5	15	22 700
\$4,000 to \$4,999	361	—	—	9	—	35	101	90	56	39	31	22 000
\$5,000 to \$5,999	328	—	—	9	6	16	109	75	61	31	21	21 600
\$6,000 to \$6,999	396	—	—	6	—	15	143	117	69	41	5	21 500
\$7,000 to \$9,999	1 617	—	—	18	37	66	533	557	286	64	56	21 400
\$10,000 to \$14,999	3 350	—	—	5	16	33	829	1 079	934	357	97	23 700
\$15,000 to \$24,999	2 766	—	—	—	16	27	328	83	889	510	176	27 800
\$25,000 or more	1 006	—	—	—	—	4	32	80	301	262	324	39 800
Median	\$12 500	—	—	—	\$7 500	\$7 100	\$9 900	\$12 100	\$13 900	\$16 500	\$20 800	—
YEAR MOVED INTO UNIT												
1969 to March 1970	1 466	—	7	5	—	21	359	420	358	191	105	24 100
1968	862	—	—	6	—	7	172	242	215	154	66	25 200
1967	683	—	—	—	—	7	121	162	173	150	70	28 000
1965 and 1966	1 604	—	—	—	—	27	385	469	419	231	66	24 100
1960 to 1964	2 801	—	—	6	—	23	528	907	785	328	224	24 600
1950 to 1959	2 285	—	—	20	35	115	649	540	560	211	155	23 000
1949 or earlier	1 186	—	7	32	74	59	250	279	275	129	81	23 100
HEATING EQUIPMENT												
Steam or hot water	392	—	—	—	9	4	25	71	92	102	89	34 500
Warm-air furnace	8 312	—	—	19	48	114	1 382	2 594	2 376	1 171	608	25 000
Built-in electric units	88	—	—	4	—	—	9	15	20	15	25	—
Floor, wall, or pipeless furnace	1 068	—	—	19	21	49	668	188	86	32	5	18 600
Other means	1 020	—	10	14	47	87	318	195	217	69	63	20 900
None	5	—	—	—	—	—	—	—	—	—	5	—
AIR CONDITIONING												
Room unit(s)	888	—	—	6	8	7	319	211	220	85	32	22 500
Central system	664	—	—	—	—	—	46	104	178	193	143	35 300
None	9 335	—	14	63	108	252	2 099	2 704	2 387	1 116	592	23 900

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]

Reno	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	13 481	476	319	579	459	1 292	1 749	2 930	4 071	1 083	167	356	137
ROOMS													
1 room	1 626	183	197	304	196	265	198	177	47	—	26	33	76
2 rooms	1 602	148	51	130	107	372	282	322	109	37	6	38	98
3 rooms	3 763	109	52	75	84	458	821	1 057	863	132	11	101	127
4 rooms	3 796	30	10	58	60	165	319	1 038	1 677	313	56	70	155
5 rooms	1 829	6	9	12	—	32	103	251	1 012	325	5	68	173
6 rooms	537	—	—	—	—	—	22	57	251	166	13	28	185
7 rooms	216	—	—	—	—	—	4	12	95	66	30	9	196
8 rooms or more	112	—	—	6	—	—	—	16	17	44	20	9	228
Median	3.4	1.9	1.3	1.5	1.8	2.5	3.0	3.4	4.1	4.7	4.2	3.6	...
PERSONS													
1 person	5 285	429	287	457	354	779	890	973	745	168	62	141	106
2 persons	4 167	39	32	95	69	378	568	1 126	1 348	334	47	131	142
3 persons	1 820	8	—	16	13	82	71	445	859	161	28	37	159
4 persons	1 187	—	—	11	17	24	71	229	603	179	15	38	168
5 persons	593	—	—	—	—	18	39	89	273	159	11	4	177
6 persons or more	429	—	—	6	—	11	10	68	243	82	4	5	174
Median	1.9	1.1	1.1	1.1	1.1	1.3	1.5	1.9	2.5	2.7	2.0	1.8	...
Units with roomers, boarders, or lodgers	625	—	—	5	5	25	71	156	271	72	10	10	158
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	12 423	244	142	319	347	1 142	1 700	2 902	4 056	1 083	156	332	142
0.50 or less	5 857	171	85	183	188	596	873	1 306	1 667	481	96	211	137
0.51 to 1.00	5 756	69	57	126	141	470	741	1 417	2 049	531	51	104	146
1.01 to 1.50	603	4	—	5	12	42	48	113	303	61	4	11	162
1.51 or more	207	—	—	5	6	34	38	66	37	10	5	6	128
Lacking some or all plumbing facilities	1 058	232	177	260	112	150	49	28	15	—	11	24	64
0.50 or less	188	93	16	31	11	25	6	—	—	—	—	—	51
0.51 to 1.00	807	126	155	208	96	125	31	22	15	—	11	18	65
1.01 to 1.50	6	—	—	—	—	—	—	—	—	—	—	6	—
1.51 or more	57	13	6	21	5	—	12	—	—	—	—	—	...
BEDROOMS													
None	1 976	271	179	223	305	371	297	151	134	22	23	—	80
1	5 458	212	164	149	109	762	1 170	1 548	949	178	—	217	121
2	4 486	25	—	73	69	116	265	1 168	2 101	432	42	195	160
3 or more	1 498	—	—	—	23	22	81	86	925	342	—	19	179
YEAR STRUCTURE BUILT													
1969 to March 1970	413	—	—	—	—	4	23	155	168	54	9	—	157
1965 to 1968	1 012	—	—	—	—	16	37	228	457	189	67	18	174
1960 to 1964	2 918	120	42	77	31	88	135	583	1 305	434	49	54	164
1950 to 1959	2 950	42	33	43	80	172	419	663	1 250	194	10	44	150
1940 to 1949	1 608	61	22	29	49	170	340	446	353	80	—	58	127
1939 or earlier	4 580	253	222	430	299	842	795	855	538	132	32	182	104
ELEVATOR IN STRUCTURE													
4 floors or more	497	—	88	63	—	44	20	22	69	148	43	—	158
With elevator	497	—	88	63	—	44	20	22	69	148	43	—	158
Walk-up	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 3 floors	12 921	508	255	382	506	1 227	1 793	2 931	4 040	826	22	431	136
COMPLETE BATHROOMS													
1 and 1 1/2	11 422	222	110	333	303	1 101	1 580	2 829	3 869	780	32	263	140
2 or more	832	8	—	—	7	5	46	45	183	344	150	44	229
None or also used by another household	1 234	242	207	284	130	184	78	58	17	—	13	21	66
INCOME IN 1969													
Less than \$2,000	1 937	234	117	170	145	186	265	373	292	64	22	69	106
\$2,000 to \$2,999	1 139	106	86	125	53	169	171	203	139	45	5	37	101
\$3,000 to \$3,999	1 156	32	11	83	73	209	148	315	194	56	11	22	121
\$4,000 to \$4,999	1 051	30	—	60	59	160	201	258	195	40	—	48	119
\$5,000 to \$5,999	1 194	28	40	50	38	190	186	284	319	56	—	3	127
\$6,000 to \$6,999	1 008	21	33	17	27	85	152	342	258	51	—	22	134
\$7,000 to \$9,999	2 451	20	21	38	43	169	378	608	907	166	20	81	145
\$10,000 to \$14,999	2 294	5	11	36	15	95	190	403	1 185	299	25	30	166
\$15,000 to \$24,999	1 035	—	—	—	—	24	36	129	528	249	34	35	179
\$25,000 or more	216	—	—	—	6	5	22	15	52	57	50	9	206
Median	\$6 300	\$2 000	\$2 500	\$3 000	\$3 400	\$4 500	\$5 500	\$6 100	\$9 100	\$11 100	\$15 100	\$5 700	...
YEAR MOVED INTO UNIT													
1969 to March 1970	8 167	186	149	290	209	746	1 040	1 844	2 745	742	122	94	143
1968	1 632	23	7	44	41	127	160	331	631	200	7	61	154
1967	1 159	88	53	19	58	115	126	215	310	89	54	32	135
1965 and 1966	1 055	92	16	107	21	94	159	249	215	48	—	54	121
1960 to 1964	877	56	54	80	73	91	128	171	136	45	12	31	111
1950 to 1959	416	15	31	71	30	70	48	108	27	—	—	16	96
1949 or earlier	182	12	7	6	8	47	43	14	5	—	—	40	97
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	607	71	32	51	37	85	79	78	112	41	21	...	107
10 to 14 percent	1 712	43	73	69	44	187	269	342	551	120	14	...	135
15 to 19 percent	2 252	50	6	88	80	189	318	426	868	203	24	...	148
20 to 24 percent	1 856	55	33	48	47	202	186	405	687	188	5	...	146
25 to 34 percent	2 495	129	85	109	59	230	342	616	744	151	30	...	134
35 percent or more	3 875	117	78	202	165	372	506	999	1 009	365	62	...	135
Not computed	684	11	12	12	27	27	49	64	100	15	11	356	132
AIR CONDITIONING													
Room unit(s)	1 327	—	7	20	25	90	169	373	526	88	15	14	148
Central system	1 272	74	30	55	28	84	50	96	376	293	107	79	174
None	10 889	398	280	542	387	1 116	1 485	2 463	3 167	743	73	235	134

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]

Reno	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 -----	13 352	795	447	400	520	510	566	2 060	3 892	3 077	1 085	11 800
ROOMS												
1 and 2 rooms -----	359	41	67	55	23	31	9	60	51	22	—	4 700
3 rooms -----	641	75	51	72	45	75	60	105	81	67	10	6 000
4 rooms -----	2 361	259	123	127	142	98	171	508	593	295	45	8 500
5 rooms -----	4 221	247	136	98	185	195	186	754	1 420	819	181	11 100
6 rooms -----	3 051	112	33	18	69	81	79	437	1 041	954	227	13 300
7 rooms or more -----	2 719	61	37	30	56	30	61	196	706	920	622	17 000
PERSONS												
1 person -----	1 771	436	163	166	184	122	116	294	198	71	21	4 700
2 persons -----	4 612	237	223	154	190	249	268	831	1 254	903	303	10 600
3 and 4 persons -----	4 563	101	45	70	120	129	148	652	1 513	1 299	486	13 400
5 persons -----	1 378	9	5	5	22	10	6	168	541	452	160	14 300
6 persons or more -----	1 028	12	11	5	4	—	28	115	386	352	115	14 400
Units with roomers, boarders, or lodgers -----	375	29	5	36	49	10	26	53	78	67	22	8 800
BEDROOMS												
Less than 3 -----	5 179	698	495	262	281	143	287	906	1 268	672	167	8 400
3 -----	6 328	192	82	85	229	131	222	1 044	2 012	1 621	690	12 900
4 or more -----	2 027	64	40	22	—	—	42	215	633	620	391	15 000
YEAR STRUCTURE BUILT												
1969 to March 1970 -----	555	21	6	14	5	36	16	84	198	107	68	12 400
1960 to 1968 -----	5 414	155	103	111	183	180	203	805	1 802	1 378	494	12 700
1950 to 1959 -----	4 008	264	131	103	150	125	167	587	1 143	1 021	517	12 100
1949 or earlier -----	3 375	355	207	172	182	169	180	584	749	571	206	9 200
YEAR MOVED INTO UNIT												
1969 to March 1970 -----	2 273	138	93	62	55	123	131	377	743	405	146	11 100
1968 -----	1 240	50	13	66	49	70	30	160	444	288	70	12 000
1960 to 1967 -----	5 958	203	110	125	202	198	199	850	1 906	1 619	546	12 900
1959 or earlier -----	3 881	331	186	166	222	186	209	638	813	823	307	10 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine -----	11 117	605	426	192	336	195	366	1 739	3 434	2 675	1 149	12 500
Clothes dryer -----	7 641	217	188	101	130	137	239	1 014	2 448	2 215	952	13 700
Dishwasher -----	6 208	219	126	128	105	99	101	701	1 970	1 740	1 019	14 100
Home food freezer -----	4 882	234	212	126	137	101	39	698	1 549	1 176	610	12 900
Owned second home -----	859	130	62	23	16	16	18	83	151	202	148	12 400
With air conditioning -----	2 547	137	58	116	144	159	150	366	678	517	222	11 100
Room unit(s) -----	1 379	67	25	58	61	71	88	237	428	283	61	11 000
Central system -----	1 168	70	33	58	83	88	62	129	250	234	161	11 200
Automobiles available: -----												
1 -----	5 350	356	229	283	320	423	335	1 050	1 391	778	185	9 100
2 -----	5 696	95	60	42	118	100	174	801	2 137	1 624	545	13 400
3 or more -----	1 618	13	—	11	52	28	21	145	338	679	331	18 000
Renter occupied housing units -----	13 518	1 937	1 139	1 156	1 059	1 194	1 014	2 461	2 302	1 040	216	6 300
ROOMS												
1 room -----	1 626	434	257	134	184	167	122	173	107	32	16	3 900
2 rooms -----	1 610	331	234	209	138	130	126	260	134	32	16	4 200
3 rooms -----	3 763	636	337	373	364	409	291	705	448	159	41	5 400
4 rooms -----	3 811	345	222	312	255	309	322	768	801	384	93	7 500
5 rooms -----	1 834	151	68	83	62	131	121	393	535	259	31	9 300
6 rooms or more -----	874	40	21	45	56	48	32	162	277	174	19	10 600
PERSONS												
1 person -----	5 297	1 358	749	507	529	550	346	687	378	124	69	4 100
2 persons -----	4 183	305	272	427	341	394	359	831	765	354	93	7 000
3 and 4 persons -----	3 016	239	85	194	155	192	244	678	836	343	50	8 600
5 persons -----	593	29	21	16	24	29	33	177	164	100	—	9 400
6 persons or more -----	429	6	12	12	10	27	32	88	159	79	4	10 900
Units with roomers, boarders, or lodgers -----	625	126	57	41	55	73	73	98	84	13	5	5 500
BEDROOMS												
None -----	1 976	426	380	216	153	177	111	288	113	66	46	3 800
1 -----	5 458	887	464	509	633	496	449	1 033	707	239	41	5 500
2 -----	4 548	537	297	304	261	266	463	830	874	604	112	7 500
3 or more -----	1 498	40	23	103	18	59	157	258	640	200	—	10 700
YEAR STRUCTURE BUILT												
1969 to March 1970 -----	413	15	5	58	46	39	52	76	83	30	9	6 800
1960 to 1968 -----	3 939	471	339	269	209	310	259	728	814	427	113	7 500
1950 to 1959 -----	2 960	332	171	191	235	278	226	608	616	275	28	7 200
1949 or earlier -----	6 206	1 119	624	638	569	567	477	1 049	789	308	66	5 300
YEAR MOVED INTO UNIT												
1969 to March 1970 -----	8 186	1 121	647	732	620	816	543	1 582	1 435	566	124	6 300
1968 -----	1 632	130	113	73	132	129	148	330	361	189	27	7 800
1960 to 1967 -----	3 097	539	292	290	241	244	284	448	417	275	67	5 800
1959 or earlier -----	603	142	85	40	78	50	29	97	65	17	—	4 400
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹ -----	13 481	1 937	1 139	1 156	1 051	1 194	1 008	2 451	2 294	1 035	216	6 300
Less than 15 percent -----	2 319	—	5	5	30	97	94	364	759	773	192	13 700
15 to 19 percent -----	2 252	—	23	44	88	142	134	622	1 000	184	15	10 400
20 to 24 percent -----	1 856	—	83	69	126	181	242	705	427	23	—	8 000
25 to 34 percent -----	2 495	133	173	270	369	451	425	591	63	20	—	5 700
35 percent or more -----	3 875	1 407	818	746	390	320	91	88	15	—	—	2 600
Not computed -----	684	397	37	22	48	3	22	81	30	35	9	2000—
SELECTED CHARACTERISTICS												
Automatic clothes washing machine -----	4 088	396	243	277	186	206	262	781	1 082	608	47	8 800
Clothes dryer -----	1 994	201	22	109	18	120	75	424	611	389	25	10 200
Dishwasher -----	1 295	65	—	43	148	60	128	153	435	197	66	10 600
Home food freezer -----	1 014	43	22	87	43	21	83	191	349	157	18	10 200
Owned second home -----	550	67	22	66	20	21	20	23	152	86	73	11 200
With air conditioning -----	2 599	289	237	232	163	207	201	453	411	281	125	6 900
Room unit(s) -----	1 327	158	89	106	82	143	91	280	228	120	30	6 900
Central system -----	1 272	131	148	126	81	64	110	173	183	161	95	6 800
Automobiles available: -----												
1 -----	7 290	850	532	731	614	755	583	1 405	1 285	442	93	6 300
2 -----	2 583	115	63	71	107	142	203	630	759	428	65	9 800
3 or more -----	503	40	23	20	10	17	31	101	99	130	32	10 500

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]

Reno	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	13 352	13 306	7 314	5 473	452	67	46	29	9	-	8
PERSONS											
1 person	1 771	1 757	1 715	42	-	-	14	14	-	-	-
2 persons	4 612	4 593	4 134	438	-	21	19	15	-	-	4
3 persons	2 406	2 398	1 057	1 317	18	6	8	-	4	-	4
4 persons	2 157	2 157	288	1 854	10	5	-	-	-	-	-
5 persons	1 378	1 373	120	1 199	50	4	-	-	-	-	-
6 persons or more	1 028	1 028	-	623	374	31	5	-	5	-	-
Median	2.6	2.6	2.0	4.0	6.4	...	...	...	...	...	...
Units with roomers, boarders, or lodgers	375	375	186	141	42	6	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	537	530	316	182	13	19	7	7	-	-	-
1965 to 1968	1 685	1 685	826	786	73	-	-	-	-	-	-
1960 to 1964	3 645	3 637	1 644	1 796	183	14	8	8	-	-	-
1950 to 1959	4 081	4 069	2 106	1 781	143	39	12	-	-	-	12
1940 to 1949	1 703	1 703	1 210	475	6	12	-	-	-	-	-
1939 or earlier	1 701	1 681	1 278	381	22	-	20	20	-	-	-
INCOME IN 1969											
Less than \$2,000	795	786	666	110	10	-	9	9	-	-	-
\$2,000 to \$2,999	447	442	331	102	5	4	5	5	-	-	-
\$3,000 to \$3,999	400	400	293	107	-	-	-	-	-	-	-
\$4,000 to \$4,999	520	511	374	133	4	-	9	5	-	-	4
\$5,000 to \$5,999	510	510	339	162	-	9	-	-	-	-	-
\$6,000 to \$6,999	566	566	363	191	12	-	-	-	-	-	-
\$7,000 to \$9,999	2 060	2 046	1 121	832	78	15	14	5	9	-	-
\$10,000 to \$14,999	3 892	3 883	1 787	1 850	222	24	9	5	-	-	4
\$15,000 to \$24,999	3 077	3 077	1 383	1 574	105	15	-	-	-	-	-
\$25,000 or more	1 085	1 085	657	412	16	-	-	-	-	-	-
Median	\$11 800	\$11 800	\$10 500	\$13 000	\$12 600	...	...	...	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	10 885	10 861	5 873	4 563	384	41	24	15	9	-	-
Less than 1.5	2 451	2 451	1 163	1 169	114	5	-	-	-	-	-
1.5 to 1.9	2 421	2 417	1 002	1 267	127	21	4	-	4	-	-
2.0 to 2.4	1 753	1 753	809	845	89	10	-	-	-	-	-
2.5 to 2.9	1 172	1 172	572	573	22	5	-	-	-	-	-
3.0 to 3.9	1 116	1 111	737	351	23	-	5	-	5	-	-
4.0 or more	1 884	1 869	1 510	354	5	-	15	15	-	-	-
Not computed	88	88	80	4	4	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water	473	473	284	189	-	-	-	-	-	-	-
Warm-air furnace	9 931	9 916	5 501	4 051	344	20	15	15	-	-	-
Built-in electric units	333	333	219	105	9	-	-	-	-	-	-
Floor, wall, or pipeless furnace	1 192	1 192	495	615	71	11	-	-	-	-	-
Other means	1 418	1 387	810	513	28	36	31	14	9	-	8
None	5	5	5	-	-	-	-	-	-	-	-
Renter occupied housing units	13 518	12 460	5 885	5 765	603	207	1 058	188	807	6	57
PERSONS											
1 person	5 297	4 336	3 632	704	-	-	961	188	773	-	-
2 persons	4 183	4 103	2 076	1 944	-	83	80	-	28	-	52
3 persons	1 820	1 803	150	1 564	80	9	17	-	6	6	5
4 persons	1 196	1 196	22	1 072	86	16	-	-	-	-	-
5 persons	593	593	5	396	150	42	-	-	-	-	-
6 persons or more	429	429	-	85	287	57	-	-	-	-	-
Median	1.8	2.0	1.3	2.6	5.4	4.2	1.1	1.0	1.0	...	...
Units with roomers, boarders, or lodgers	625	625	203	352	58	12	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	435	435	211	196	28	-	-	-	-	-	-
1965 to 1968	1 008	1 008	478	477	46	7	-	-	-	-	-
1960 to 1964	2 937	2 918	1 570	1 225	107	16	19	7	12	-	-
1950 to 1959	2 928	2 915	1 021	1 637	207	50	13	13	-	-	-
1940 to 1949	1 622	1 580	764	716	67	33	42	14	18	-	10
1939 or earlier	4 588	3 598	1 737	1 653	107	101	990	174	759	7	50
INCOME IN 1969											
Less than \$2,000	1 937	1 592	997	546	43	6	345	71	269	-	5
\$2,000 to \$2,999	1 139	942	587	305	22	28	197	46	145	-	6
\$3,000 to \$3,999	1 156	1 058	564	447	30	17	98	17	76	-	5
\$4,000 to \$4,999	1 059	983	512	423	32	16	76	11	52	-	13
\$5,000 to \$5,999	1 194	1 105	546	526	27	6	89	16	73	-	-
\$6,000 to \$6,999	1 014	970	412	483	48	27	44	11	27	6	-
\$7,000 to \$9,999	2 461	2 351	950	1 212	162	27	110	16	83	-	11
\$10,000 to \$14,999	2 302	2 220	771	1 249	154	46	82	-	71	-	11
\$15,000 to \$24,999	1 040	1 028	419	494	85	30	12	-	6	-	6
\$25,000 or more	216	211	127	80	-	4	5	-	5	-	-
Median	\$6 300	\$6 600	\$5 500	\$7 400	\$8 800	\$7 400	\$2 900	\$2 500	\$2 900	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	13 481	12 423	5 857	5 756	603	207	1 058	188	807	6	57
Less than 10 percent	607	453	223	197	10	23	154	10	114	-	30
10 to 14 percent	1 712	1 586	585	842	112	47	126	16	105	-	5
15 to 19 percent	2 252	2 115	823	1 147	119	26	137	45	81	-	11
20 to 24 percent	1 856	1 760	697	944	96	23	96	29	61	-	6
25 to 34 percent	2 495	2 301	1 115	1 009	145	32	194	33	161	-	-
35 percent or more	3 875	3 580	2 007	1 424	99	50	295	55	235	-	5
Not computed	684	628	407	193	22	6	56	-	50	6	-
HEATING EQUIPMENT											
Steam or hot water	2 496	1 844	864	890	38	52	652	61	562	-	29
Warm-air furnace	5 663	5 480	2 583	2 578	265	54	183	11	143	6	23
Built-in electric units	442	442	213	216	13	-	-	-	-	-	-
Floor, wall, or pipeless furnace	2 036	2 009	887	948	122	52	27	6	21	-	-
Other means	2 881	2 685	1 338	1 133	165	49	196	110	81	-	5
None	-	-	-	-	-	-	-	-	-	-	-

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

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

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

Reno	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	13 352	77	282	641	2 361	4 221	3 051	1 533	1 186	5.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 268	77	283	617	2 404	4 096	3 068	1 559	1 164	5.3
PERSONS										
1 person	1 771	42	152	256	516	505	192	67	41	4.3
2 persons	4 612	25	107	331	1 201	1 609	834	323	182	4.9
3 persons	2 406	10	18	40	420	861	615	249	193	5.3
4 persons	2 157	—	5	10	143	627	668	416	288	5.9
5 persons	1 378	—	—	—	50	384	405	267	214	6.1
6 persons or more	1 028	—	—	—	31	235	337	211	214	6.2
Median	2.6	...	1.4	1.7	2.1	2.5	3.3	3.8	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	13 306	69	278	641	2 347	4 206	3 051	1 528	1 186	5.3
0.50 or less	7 314	—	148	256	1 707	2 099	1 641	639	824	5.2
0.51 to 1.00	5 473	42	107	371	559	1 872	1 288	878	356	5.4
1.01 to 1.50	452	—	18	10	76	209	122	11	6	5.1
1.51 or more	67	27	5	4	5	26	—	—	—	...
Lacking some or all plumbing facilities	46	8	4	—	14	15	—	5	—	...
0.50 or less	29	—	4	—	10	15	—	—	—	...
0.51 to 1.00	9	—	—	—	4	—	—	5	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	...
1.51 or more	8	8	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	1 008	43	274	411	199	—	62	19	—	3.0
2	4 171	—	—	273	1 756	1 556	433	115	38	4.5
3	6 328	—	—	—	234	2 934	2 025	911	224	5.5
4 or more	2 027	—	—	—	—	56	458	472	1 041	7.5
YEAR STRUCTURE BUILT										
1949 to March 1970	555	13	20	32	195	99	112	35	49	4.7
1940 to 1948	5 414	20	88	241	732	1 540	1 398	860	535	5.6
1950 to 1959	4 008	44	123	250	541	1 464	926	335	325	5.2
1949 or earlier	3 375	—	51	118	893	1 118	615	303	277	5.1
COMPLETE BATHROOMS										
1 and 1/2	7 427	70	282	607	2 164	2 599	1 187	320	198	4.7
2 or more	5 854	7	7	17	240	1 497	1 881	1 239	966	6.1
None or also used by another household	71	12	—	—	21	38	—	—	—	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	10 885	19	16	103	1 314	3 818	2 963	1 498	1 154	5.6
Less than 1.5	2 451	—	—	15	214	878	721	316	307	5.7
1.5 to 1.9	2 421	6	11	17	289	862	685	314	237	5.3
2.0 to 2.9	2 925	—	5	24	295	930	913	469	289	5.7
3.0 or more	3 000	13	—	47	496	1 109	624	390	321	5.4
Not computed	88	—	—	—	20	39	20	9	—	...
Renter occupied housing units	13 518	1 626	1 610	3 763	3 811	1 834	546	216	112	3.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	11 728	318	1 261	3 590	3 766	1 864	572	246	111	3.7
PERSONS										
1 person	5 297	1 477	1 057	1 774	773	184	6	10	16	2.6
2 persons	4 183	135	448	1 524	1 482	401	131	48	14	3.5
3 persons	1 820	14	86	327	853	390	97	34	19	4.1
4 persons	1 196	—	16	86	511	370	124	67	22	4.5
5 persons	593	—	3	39	150	228	114	44	15	5.0
6 persons or more	429	—	—	13	42	261	74	13	26	5.1
Median	1.8	1.1	1.3	1.6	2.3	3.4	3.8	3.7	3.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	12 460	796	1 408	3 743	3 805	1 834	546	216	112	3.6
0.50 or less	5 885	—	883	1 760	2 255	585	234	92	76	3.6
0.51 to 1.00	5 765	704	426	1 845	1 358	988	284	124	36	3.4
1.01 to 1.50	603	—	80	86	187	222	28	—	—	4.2
1.51 or more	207	92	19	52	5	39	—	—	—	2.1
Lacking some or all plumbing facilities	1 058	830	202	20	6	—	—	—	—	1.1
0.50 or less	188	—	174	14	—	—	—	—	—	2.0
0.51 to 1.00	807	773	22	6	6	—	—	—	—	1.0
1.01 to 1.50	6	—	6	—	—	—	—	—	—	...
1.51 or more	57	57	—	—	—	—	—	—	—	...
BEDROOMS										
None	1 976	1 440	474	62	—	—	—	—	—	1.2
1	5 458	—	1 332	3 369	690	67	—	—	—	2.9
2 or more	4 548	—	—	420	3 161	784	120	22	41	4.1
or more	1 498	—	—	—	101	913	347	91	46	5.2
YEAR STRUCTURE BUILT										
1949 to March 1970	413	10	—	66	230	84	19	—	4	4.1
1940 to 1948	3 939	118	375	1 260	1 567	359	183	73	4	3.6
1950 to 1959	2 960	146	256	922	732	785	80	26	13	3.7
1949 or earlier	6 206	1 352	979	1 515	1 282	606	264	117	91	3.0
COMPLETE BATHROOMS										
1 and 1/2	11 439	790	1 277	3 539	3 641	1 653	377	128	34	3.5
2 or more	845	—	13	78	3 139	218	195	118	84	5.4
None or also used by another household	1 234	892	260	65	17	—	—	—	—	1.2
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	13 481	1 626	1 602	3 763	3 796	1 829	537	216	112	3.4
Less than 10 percent	607	187	58	122	146	54	21	14	5	3.0
10 to 14 percent	1 712	192	226	381	546	258	79	11	19	3.6
15 to 19 percent	2 252	208	208	595	701	320	150	44	26	3.7
20 to 24 percent	1 856	158	226	456	508	411	57	37	3	3.7
25 to 34 percent	2 495	322	262	751	705	322	66	58	9	3.4
35 percent or more	3 875	478	543	1 221	1 054	370	125	43	41	3.3
Not computed	684	81	79	237	136	94	39	9	9	3.3

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

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

Table 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]

Reno	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	13 352	10 993	735	1 624	13 518	3 904	2 002	1 342	1 949	2 139	1 973	209
ROOMS												
1 room	77	19	-	58	1 626	68	10	55	181	506	800	6
2 rooms	282	16	52	214	1 610	241	131	156	342	388	290	62
3 rooms	641	103	95	443	3 763	634	656	512	710	655	511	85
4 rooms	2 361	1 336	335	690	3 811	1 159	719	469	595	499	314	56
5 rooms	4 221	3 867	164	190	1 834	1 020	457	117	106	86	48	-
6 rooms	3 051	2 977	45	29	546	486	8	33	9	5	5	-
7 rooms	1 533	1 509	24	-	216	190	15	-	6	-	5	-
8 rooms or more	1 186	1 166	20	-	112	106	6	-	-	-	-	-
Median	5.3	5.6	4.2	3.6	3.4	4.4	3.8	3.4	3.1	2.8	2.1	2.9
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 306	10 969	731	1 606	12 460	3 863	1 991	1 296	1 758	1 864	1 479	209
0.50 or less	7 314	5 939	446	929	5 885	1 707	728	685	987	911	738	129
0.51 to 1.00	5 473	4 600	270	603	5 765	1 037	1 037	535	704	865	696	68
1.01 to 1.50	452	389	15	48	603	248	195	48	46	41	18	7
1.51 or more	67	41	-	26	207	48	31	28	21	47	27	5
Lacking some or all plumbing facilities	46	24	4	18	1 058	41	11	46	191	275	494	-
0.50 or less	29	15	4	10	188	31	-	22	64	18	53	-
0.51 to 1.00	9	9	-	-	807	10	11	19	114	235	418	-
1.01 to 1.50	-	-	-	-	6	-	-	-	-	6	-	-
1.51 or more	8	-	-	8	57	-	-	5	13	16	23	-
BEDROOMS												
None	84	22	41	21	1 976	85	21	165	177	513	992	23
1	924	183	120	621	5 458	1 096	825	619	1 360	717	755	86
2	4 171	2 717	471	983	4 548	1 648	678	531	566	714	322	89
3	6 328	6 168	67	93	1 328	749	87	72	-	-	-	-
4 or more	2 027	1 984	43	-	170	170	-	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	555	221	72	262	413	59	22	46	158	101	27	-
1965 to 1968	1 730	1 180	72	478	1 012	117	121	86	166	205	288	29
1960 to 1964	3 684	3 061	167	456	2 927	546	225	380	595	677	446	58
1950 to 1959	4 008	3 460	139	409	2 960	894	978	156	271	282	303	76
1940 to 1949	1 638	1 567	61	10	1 611	746	169	251	204	137	65	39
1939 or earlier	1 737	1 504	224	9	4 595	1 542	487	423	555	737	844	7
INCOME IN 1969												
Less than \$2,000	795	556	59	180	1 937	380	256	198	391	388	289	35
\$2,000 to \$2,999	447	284	40	123	1 139	187	121	174	181	233	221	22
\$3,000 to \$3,999	400	241	25	134	1 156	294	160	153	178	161	188	22
\$4,000 to \$4,999	520	361	31	128	1 059	237	172	108	174	201	133	34
\$5,000 to \$5,999	510	332	32	146	1 194	269	166	140	195	166	228	30
\$6,000 to \$6,999	566	400	51	115	1 014	293	149	97	135	176	121	43
\$7,000 to \$9,999	2 060	1 637	135	288	2 461	859	360	203	335	382	317	5
\$10,000 to \$14,999	3 892	3 364	177	351	2 302	911	453	162	243	289	234	10
\$15,000 to \$24,999	3 077	2 782	160	135	1 040	410	155	91	107	123	146	8
\$25,000 or more	1 085	1 036	25	24	216	64	10	16	10	20	96	-
Median	\$11 800	\$12 500	\$9 900	\$6 900	\$6 300	\$8 000	\$6 800	\$5 300	\$5 300	\$5 500	\$5 700	\$4 800
YEAR MOVED INTO UNIT												
1969 to March 1970	2 273	1 485	165	623	8 186	2 222	1 199	868	1 184	1 355	1 206	152
1968	1 240	868	112	260	1 632	565	280	131	247	237	150	22
1967	857	690	56	105	1 159	414	177	102	106	192	147	21
1965 and 1966	1 966	1 619	119	228	1 055	316	184	84	155	159	147	10
1960 to 1964	3 141	2 814	75	252	1 883	234	114	85	152	157	141	-
1950 to 1959	2 469	2 244	118	107	421	130	44	28	56	54	109	-
1949 or earlier	1 412	1 301	97	14	182	104	14	8	-	22	34	-
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	13 481	3 867	2 002	1 342	1 949	2 139	1 973	209
Less than \$50 .....	...	...	...	...	476	92	24	57	120	106	77	-
\$50 to \$59 .....	...	...	...	...	319	32	17	12	84	55	119	-
\$60 to \$69 .....	...	...	...	...	579	54	45	21	110	161	188	-
\$70 to \$79 .....	...	...	...	...	459	61	62	42	68	146	74	6
\$80 to \$99 .....	...	...	...	...	1 292	308	179	156	138	237	231	43
\$100 to \$119 .....	...	...	...	...	1 749	447	287	259	228	218	259	51
\$120 to \$149 .....	...	...	...	...	2 930	788	444	361	580	446	243	68
\$150 to \$199 .....	...	...	...	...	4 071	1 301	884	323	504	586	448	25
\$200 to \$299 .....	...	...	...	...	1 083	574	30	68	100	112	194	5
\$300 or more .....	...	...	...	...	167	59	-	4	-	17	94	-
No cash rent .....	...	...	...	...	356	151	30	39	17	62	46	11
Median .....	...	...	...	...	\$137	\$153	\$145	\$129	\$131	\$128	\$122	\$120
HEATING EQUIPMENT												
Steam or hot water	473	392	81	-	2 496	152	65	137	405	653	1 079	5
Warm-air furnace	9 931	8 384	321	1 226	5 663	1 829	1 055	598	665	842	582	92
Built-in electric units	333	96	138	99	442	66	24	48	126	126	52	-
Floor, wall, or pipeless furnace	1 192	1 082	67	43	2 036	727	309	330	359	204	92	15
Other means	1 418	1 034	128	256	2 881	1 130	549	229	394	314	168	97
None	5	5	-	-	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	1 379	902	62	415	1 327	249	135	114	182	304	263	80
Central system	1 168	673	59	436	1 272	133	8	26	83	334	620	68
None	10 805	9 446	621	738	10 919	3 603	1 869	1 166	1 635	1 538	1 051	57
AUTOMOBILES AVAILABLE												
1	5 350	3 978	403	969	7 290	2 030	1 232	765	1 028	1 133	951	151
2	5 696	5 022	253	421	2 583	1 186	436	225	336	233	153	14
3 or more	1 618	1 522	44	52	503	264	61	47	34	51	39	7
None	688	499	42	147	3 142	505	283	269	502	759	791	33

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]

Reno	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	13 352	230	1 695	2 179	4 557	1 273	356	60	971	260	1 017	734
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 306	230	1 690	2 175	4 553	1 268	356	55	966	256	1 013	744
0.50 or less	7 314	139	421	437	2 599	1 023	199	29	521	231	976	739
0.51 to 1.00	5 473	86	1 144	1 510	1 833	245	146	26	416	25	37	5
1.01 to 1.50	452	-	103	218	91	-	11	-	29	-	-	-
1.51 or more	67	5	22	10	30	-	-	-	-	-	-	-
Lacking some or all plumbing facilities	46	-	5	4	4	5	-	5	4	4	4	18
0.50 or less	29	-	5	-	-	5	-	5	-	4	4	10
0.51 to 1.00	9	-	-	-	-	-	-	5	-	4	-	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	8	-	-	4	4	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	10 993	125	1 515	2 005	3 871	1 004	292	55	785	240	558	543
2 or more	735	16	58	78	216	87	22	5	53	15	123	62
Mobile home or trailer	1 624	89	122	96	470	182	42	-	133	5	336	149
INCOME IN 1969												
Less than \$2,000	795	4	20	18	85	105	5	-	79	43	114	322
\$2,000 to \$2,999	447	-	-	21	61	132	-	4	26	40	92	71
\$3,000 to \$3,999	400	-	5	11	36	94	-	5	53	30	83	83
\$4,000 to \$4,999	520	12	29	17	28	95	14	21	106	14	115	69
\$5,000 to \$5,999	510	20	37	6	138	112	16	-	59	-	90	32
\$6,000 to \$6,999	566	23	43	33	123	106	4	-	98	20	88	28
\$7,000 to \$9,999	2 060	40	371	215	597	181	69	5	254	34	229	65
\$10,000 to \$14,999	3 892	90	732	887	1 405	238	128	10	184	20	125	73
\$15,000 to \$24,999	3 077	41	377	753	1 501	126	78	11	82	37	60	11
\$25,000 or more	1 085	41	81	218	583	84	42	4	30	22	21	-
Median	\$11 800	\$10 900	\$12 300	\$14 300	\$14 300	\$6 900	\$12 700	...	\$7 800	\$6 200	\$6 200	\$2 800
VALUE-INCOME RATIO												
Specified owner occupied ¹	10 885	125	1 502	2 001	3 810	984	292	55	785	235	553	543
Less than 1.5	2 451	29	251	547	1 255	133	90	10	50	44	37	5
1.5 to 1.9	2 421	39	466	607	893	143	78	-	106	15	45	29
2.0 to 2.4	1 753	10	397	377	587	105	37	9	133	16	72	10
2.5 to 2.9	1 172	22	189	225	383	86	44	6	103	18	76	20
3.0 to 3.9	1 116	20	139	129	313	153	19	9	144	24	101	65
4.0 or more	1 884	5	60	112	364	364	24	21	230	118	207	383
Not computed	88	-	-	4	19	-	-	-	19	-	15	31
Renter occupied housing units	13 518	977	1 840	955	1 546	575	789	51	1 414	74	3 799	1 495
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	12 460	972	1 840	944	1 529	569	766	46	1 384	74	3 188	1 148
0.50 or less	5 885	228	342	188	506	340	291	-	320	38	2 632	1 000
0.51 to 1.00	5 765	695	1 250	577	889	214	403	40	957	36	556	148
1.01 to 1.50	603	38	192	140	106	-	47	-	80	-	-	-
1.51 or more	207	11	56	39	28	15	25	6	27	-	-	-
Lacking some or all plumbing facilities	1 058	5	-	11	17	6	23	5	30	-	611	350
0.50 or less	188	-	-	-	-	-	-	-	-	-	89	99
0.51 to 1.00	807	5	-	6	-	6	6	-	11	-	522	251
1.01 to 1.50	6	-	-	-	-	-	-	-	6	-	-	-
1.51 or more	57	-	-	5	17	-	17	5	13	-	-	-
UNITS IN STRUCTURE												
1	3 904	302	762	416	745	146	236	10	434	23	587	243
2 to 4	3 344	350	594	299	337	96	229	16	464	11	631	317
5 to 19	4 088	271	368	179	306	235	218	15	410	30	1 490	566
20 or more	1 973	30	97	55	145	98	96	10	83	5	993	361
Mobile home or trailer	209	24	19	6	13	-	10	-	23	5	98	11
GROSS RENT												
Specified renter occupied ²	13 481	977	1 835	955	1 532	569	789	51	1 414	74	3 790	1 495
Less than \$50	476	9	-	-	16	5	4	5	8	-	153	276
\$50 to \$59	319	5	-	-	11	10	6	-	-	-	118	169
\$60 to \$69	579	10	-	11	16	41	11	5	22	6	263	194
\$70 to \$79	459	10	11	10	9	25	10	-	30	-	257	97
\$80 to \$99	1 292	99	66	17	97	67	66	10	95	6	655	124
\$100 to \$119	1 749	128	148	66	174	73	115	10	145	6	732	158
\$120 to \$149	2 930	323	381	126	329	98	163	15	488	34	799	174
\$150 to \$199	4 071	373	953	502	539	171	279	11	486	12	570	175
\$200 to \$299	1 083	9	219	188	241	36	102	5	110	5	109	59
\$300 or more	167	-	19	14	42	11	19	-	-	-	42	20
No cash rent	356	11	38	21	58	32	14	-	30	11	92	49
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	13 481	977	1 835	955	1 532	569	789	51	1 414	74	3 790	1 495
Less than \$5,000	5 283	233	153	55	243	299	279	36	802	43	1 897	1 243
Less than 20 percent	195	-	-	-	11	10	-	5	13	-	96	60
20 to 24 percent	278	9	-	-	29	35	5	5	6	6	101	83
25 to 34 percent	945	50	42	9	39	46	16	-	78	6	382	277
35 percent or more	3 361	168	92	46	155	175	239	26	638	25	1 057	740
Not computed	504	6	19	-	9	33	19	-	68	6	261	83
\$5,000 to \$9,999	4 454	523	794	269	476	167	344	10	466	26	1 417	161
Less than 20 percent	1 453	153	167	50	183	61	83	5	53	6	623	69
20 to 24 percent	1 128	137	228	107	115	37	61	-	58	9	376	-
25 to 34 percent	1 467	176	305	82	128	42	137	5	209	6	329	48
35 percent or more	499	51	65	19	32	16	59	-	129	5	79	44
Not computed	106	4	29	11	18	11	4	-	17	-	10	-
\$10,000 to \$14,999	2 294	184	642	394	440	56	113	-	89	-	320	54
Less than 20 percent	1 759	161	498	267	308	45	83	-	80	-	279	38
20 to 24 percent	427	25	120	108	93	6	20	-	9	-	35	11
25 percent or more	78	-	24	14	24	-	5	-	-	-	6	5
Not computed	30	-	5	5	15	5	-	-	-	-	-	-
\$15,000 or more	1 251	35	246	237	373	47	53	5	57	5	156	37
Less than 20 percent	1 164	30	232	224	332	47	53	5	57	5	147	37
20 to 24 percent	23	-	9	8	15	-	-	-	-	-	5	-
25 percent or more	20	-	-	-	6	-	-	-	-	-	-	-
Not computed	44	5	5	5	20	-	-	-	-	5	4	-

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

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

Table 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]

Reno	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	13 352	1 771	4 612	2 406	2 157	1 378	651	293	84	2.6
BEDROOMS										
None and 1	1 008	397	559	52	—	—	—	—	—	1.7
2	4 171	959	2 192	638	238	81	21	42	—	2.0
3	6 328	268	1 682	1 484	1 499	980	258	157	—	3.3
4 or more	2 027	22	319	206	475	420	340	181	64	4.5
YEAR STRUCTURE BUILT										
1969 to March 1970	555	56	254	141	46	47	11	—	—	2.4
1965 to 1968	1 730	165	486	335	211	387	89	47	10	3.1
1960 to 1964	3 684	308	1 031	647	753	472	290	150	33	3.3
1950 to 1959	4 008	485	1 355	720	706	444	201	71	26	2.7
1940 to 1949	1 638	284	744	304	157	97	36	11	5	2.2
1939 or earlier	1 737	473	742	259	108	107	24	14	10	2.0
UNITS IN STRUCTURE										
1	10 993	1 101	3 474	2 068	2 045	1 321	615	285	84	2.9
2 or more	735	185	325	119	35	43	24	4	—	2.1
Mobile home or trailer	1 624	485	813	219	77	14	12	4	—	1.9
COMPLETE BATHROOMS										
1 and 1 1/2	7 427	1 530	2 997	1 313	752	508	207	74	46	2.2
2 and 2 1/2	4 998	269	1 429	960	1 178	644	347	144	27	3.3
3 or more	856	7	149	138	192	209	106	41	14	4.2
None or also used by another household	71	13	39	13	—	6	—	—	—	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	11 581	...	4 612	2 406	2 157	1 378	651	293	84	3.0
Male head, wife present, no nonrelatives	9 934	...	3 856	1 922	1 964	1 243	598	267	84	3.1
Under 25 years	230	...	109	100	9	12	—	—	—	2.6
25 to 34 years	1 695	...	273	354	570	294	136	57	11	3.9
35 to 44 years	2 179	...	258	276	604	550	312	132	47	4.4
45 to 64 years	4 557	...	2 134	1 041	758	376	144	78	26	2.6
65 years and over	1 273	...	1 082	151	23	11	6	—	—	2.1
Other male head	416	...	159	136	52	38	20	11	—	2.9
Under 65 years	356	...	140	106	46	33	20	11	—	2.9
65 years and over	60	...	19	30	6	5	—	—	—	...
Female head	1 231	...	597	348	141	97	33	15	—	2.6
Under 65 years	971	...	400	303	127	93	33	15	—	2.8
65 years and over	260	...	197	45	14	4	—	—	—	2.2
One-person households	1 771	1 771	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	10 885	1 096	3 427	2 035	2 027	1 321	615	280	84	3.0
Less than 1.5	2 451	42	736	506	542	332	182	95	16	3.4
1.5 to 1.9	2 421	74	624	517	527	393	177	71	38	3.5
2.0 to 2.4	1 753	82	501	338	375	258	120	59	20	3.4
2.5 to 2.9	1 172	96	343	222	257	170	63	16	5	3.2
3.0 to 3.9	1 116	166	439	218	131	93	41	28	—	2.4
4.0 or more	1 884	590	755	229	191	71	32	11	5	2.0
Not computed	88	46	29	5	4	4	—	—	—	...
Renter occupied housing units	13 518	5 297	4 183	1 820	1 196	593	244	131	54	1.8
BEDROOMS										
None	1 976	1 678	262	36	—	—	—	—	—	1.1
1	5 458	2 879	2 189	288	56	24	22	—	—	1.4
2	4 548	725	1 589	1 191	703	251	89	—	—	2.5
3 or more	1 498	89	142	278	364	333	203	67	22	4.2
YEAR STRUCTURE BUILT										
1969 to March 1970	413	56	171	82	61	25	13	5	—	2.4
1965 to 1968	1 012	398	340	115	102	47	—	10	—	1.8
1960 to 1964	2 927	969	1 066	431	245	148	42	10	16	2.0
1950 to 1959	2 960	846	840	491	400	195	104	72	12	2.3
1940 to 1949	1 611	542	545	246	137	90	37	8	6	2.0
1939 or earlier	4 595	2 486	1 221	455	251	88	48	26	20	1.4
UNITS IN STRUCTURE										
1	3 904	830	1 121	752	582	360	154	51	54	2.5
2	2 002	431	675	335	294	151	55	61	—	2.3
3 and 4	1 342	517	476	231	62	41	11	4	—	1.8
5 to 9	1 949	920	642	233	115	15	14	10	—	1.6
10 to 19	2 139	1 136	721	155	91	21	10	5	—	1.4
20 or more	1 973	1 354	501	78	40	—	—	—	—	1.2
Mobile home or trailer	209	109	47	36	12	5	—	—	—	1.5
COMPLETE BATHROOMS										
1 and 1 1/2	11 439	4 042	3 870	1 698	1 031	438	172	140	48	1.9
2 or more	845	99	201	125	183	169	47	8	13	3.5
None or also used by another household	1 234	1 112	103	19	—	—	—	—	—	1.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	8 221	...	4 183	1 820	1 196	593	244	131	54	2.5
Male head, wife present, no nonrelatives	5 893	...	2 874	1 284	931	446	199	121	38	2.6
Under 25 years	977	...	524	309	124	6	4	10	—	2.4
25 to 34 years	1 840	...	605	465	447	214	62	32	15	3.2
35 to 44 years	955	...	296	197	188	147	78	38	11	3.4
45 to 64 years	1 546	...	913	286	169	79	46	41	12	2.3
65 years and over	575	...	536	27	3	—	9	—	—	2.0
Other male head	840	...	565	135	89	32	15	4	—	2.2
Under 65 years	789	...	519	130	89	32	15	4	—	2.3
65 years and over	51	...	46	5	—	—	—	—	—	...
Female head	1 488	...	744	401	176	115	30	6	16	2.5
Under 65 years	1 414	...	681	401	165	115	30	6	16	2.6
65 years and over	74	...	63	—	11	—	—	—	—	...
One-person households	5 297	5 297	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	13 481	5 285	4 167	1 820	1 187	593	244	131	54	1.8
Less than 10 percent	607	277	196	67	39	9	4	6	9	1.6
10 to 14 percent	1 712	418	671	275	188	108	24	28	—	2.2
15 to 19 percent	2 252	654	761	314	280	120	68	39	16	2.1
20 to 24 percent	1 856	606	509	332	207	126	43	21	12	2.1
25 to 34 percent	2 495	1 041	735	325	201	94	63	27	9	1.8
35 percent or more	3 875	1 931	1 106	439	228	122	31	10	8	1.5
Not computed	684	358	189	68	44	14	11	—	—	1.5

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

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

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

Reno	Reno				Reno	Reno			
	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	134	83	26	25	Vacant for rent	796	744	32	20
ROOMS					ROOMS				
1 to 3 rooms	4	4	-	-	1 room	132	123	4	5
4 rooms	26	17	4	5	2 rooms	86	83	-	3
5 rooms	44	21	19	4	3 rooms	230	213	17	-
6 rooms	35	21	3	11	4 rooms	219	209	5	5
7 rooms or more	25	20	-	5	5 rooms	121	108	6	7
					6 rooms	-	-	-	-
					7 rooms or more	8	8	-	-
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	134	83	26	25	With all plumbing facilities	706	663	28	15
Lacking some or all plumbing facilities	-	-	-	-	Lacking some or all plumbing facilities	90	81	4	5
BEDROOMS					BEDROOMS				
None and 1	29	14	-	15	None	142	113	15	14
2	14	14	-	-	1	289	278	11	-
3	77	36	11	30	2	221	195	11	15
4 or more	-	-	-	-	3 or more	106	91	15	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	15	15	-	-	1969 to March 1970	46	46	-	-
1960 to 1968	50	34	5	11	1960 to 1968	214	209	2	3
1950 to 1959	31	22	9	-	1950 to 1959	178	169	9	-
1949 or earlier	38	12	12	14	1949 or earlier	358	320	21	17
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	106	68	22	16	1	190	168	10	12
2 or more	28	15	4	9	2 to 4	151	144	7	-
					5 to 9	163	153	10	-
					10 to 19	201	188	5	8
					20 or more	91	91	-	-
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	3	3	-	-	1	190	168	10	12
Warm-air furnace	99	50	24	25	2 to 4	151	144	7	-
Built-in electric units	5	5	-	-	5 to 9	163	153	10	-
Floor, wall, or pipeless furnace	8	8	-	-	10 to 19	201	188	5	8
Other means	19	17	2	-	20 or more	91	91	-	-
None	-	-	-	-					
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	106	68	22	16	Specified vacant for rent ²	796	744	32	20
Less than \$5,000	-	-	-	-	Less than \$50	38	38	-	-
\$5,000 to \$9,999	-	-	-	-	\$50 to \$59	16	16	-	-
\$10,000 to \$14,999	5	5	-	-	\$60 to \$79	91	75	11	5
\$15,000 to \$19,999	12	10	2	-	\$80 to \$99	97	86	6	5
\$20,000 to \$24,999	46	24	14	8	\$100 to \$119	134	125	9	-
\$25,000 to \$34,999	16	11	-	5	\$120 to \$149	240	227	6	7
\$35,000 to \$49,999	18	12	6	-	\$150 to \$199	150	147	-	3
\$50,000 or more	9	6	-	3	\$200 or more	30	30	-	-
Median price asked	\$23 900	...	...	...	Median rent asked	\$123	\$124	...	...

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]

Reno	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	106	-	5	12	46	16	27	796	54	91	97	374	150	30
PLUMBING FACILITIES														
With all plumbing facilities	91	-	14	11	22	15	29	631	22	26	136	322	95	30
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	127	30	82	15	-	-	-
BEDROOMS														
None and 1	14	-	-	-	-	-	-	431	52	108	114	157	-	-
2	14	-	14	-	-	-	-	221	-	-	26	70	95	30
3	77	-	-	11	22	15	29	106	-	-	11	95	-	-
4 or more	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	10	-	-	-	-	5	5	46	-	-	-	33	9	4
1960 to 1968	39	-	-	9	8	6	16	214	28	3	11	71	75	26
1950 to 1959	31	-	5	-	23	-	3	178	5	3	14	114	42	-
1949 or earlier	26	-	-	3	15	5	3	358	21	85	72	156	24	-
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	190	3	9	52	90	36	-
2 to 4 .....	...	...	...	...	...	...	...	151	21	26	-	85	19	-
5 to 19 .....	...	...	...	...	...	...	...	364	19	49	45	163	70	18
20 or more .....	...	...	...	...	...	...	...	91	11	7	-	36	25	12
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	277	25	72	36	103	19	22
Some or no utilities included .....	...	...	...	...	...	...	...	519	29	19	61	271	131	8

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

Appendix A.—AREA CLASSIFICATIONS

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USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

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

Comparability with 1960 data.—

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

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

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

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

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

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

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

Gross rent as percentage of income.—

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B—Continued

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

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p>	<p>H9. Are your living quarters—</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? Do <u>not</u> include cooperatives and condominiums here.</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>FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1"> <thead> <tr> <th>a4. Block number</th> <th>a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> </tbody> </table>	a4. Block number	a5. Serial number	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
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<p>Answer these questions for your living quarters</p>																								
<p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p><input type="radio"/> No</p> <p style="text-align: right;"><i>Phone number</i></p>	<p>H10a. Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p>	<p>B. Type of unit or quarters</p> <p><u>Occupied</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><u>Vacant</u></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p><u>Group quarters</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p>																						
<p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p>	<p>H11. If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p><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>C. Vacancy status</p> <p><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><input type="radio"/> <u>Seasonal</u></p> <p><input type="radio"/> <u>Migratory</u></p>																						
<p>H3. Do you have complete kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p>	<p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p>	<p>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>H4. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room</p> <p><input type="radio"/> 2 rooms</p> <p><input type="radio"/> 3 rooms</p> <p><input type="radio"/> 4 rooms</p> <p><input type="radio"/> 5 rooms</p> <p><input type="radio"/> 6 rooms</p> <p><input type="radio"/> 7 rooms</p> <p><input type="radio"/> 8 rooms</p> <p><input type="radio"/> 9 rooms or more</p>	<p>b. If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p>(Nearest dollar) (Week, half-month, year, etc.)</p>	<p>C/O <input type="radio"/> <input type="radio"/></p>																						

APPENDIX B—Continued

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

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

15 and 5 percent

15 percent

APPENDIX B—Continued

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

<p>H13. Answer question H13 if you 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> <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> <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> <p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families <input checked="" type="checkbox"/></p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <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) <input checked="" type="checkbox"/></p> <p><input type="radio"/> \$50 to \$249 <input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$250 to \$2,499 <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? <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> <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> <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> <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 checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>H28a. Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
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15 and 5 percent

5 percent

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

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

- 6 6-or-more-person household

Male Head Without Own Children Under 18

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

Female Head

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

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

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

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

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

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

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, 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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OFFICIAL BUSINESS

Table

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10	SALES PRICE ASKED AND RENT ASKED


A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

RICHMOND, VA.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-179

The background of the lower half of the cover is a dark, textured surface. On the left side, there is a stylized, white silhouette of a city skyline with various skyscrapers of different heights. In the center and right side, there are numerous white silhouettes of houses of various shapes and sizes, some with gabled roofs, some with dormers, and some that look like mobile homes or trailers. The text "1970 CENSUS OF HOUSING" is printed in large, bold, white, sans-serif capital letters in the center of the image.

1970
CENSUS OF
HOUSING

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

BUREAU OF
THE CENSUS

U. S. DEPARTMENT OF COMMERCE

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Robert L. Hagan, Acting Deputy Director
Conrad Taeuber, Associate Director
Daniel B. Levine, Acting Deputy Associate Director
David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

Arthur F. Young, Chief

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

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**RICHMOND, VA.
STANDARD METROPOLITAN
STATISTICAL AREA**

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LIST OF HC(2) REPORTS

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3	Akron, Ohio SMSA	45	Cincinnati, Ohio-Ky.-Ind. SMSA	87	Hamilton-Middletown, Ohio SMSA
4	Albany, Ga. SMSA	46	Cleveland, Ohio SMSA	88	Harrisburg, Pa. SMSA
5	Albany-Schenectady-Troy, N.Y. SMSA	47	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
7	Allentown-Bethlehem-Easton, Pa.-N.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8	Altoona, Pa. SMSA	50	Columbus, Ga.-Ala. SMSA	92	Huntington-Ashland, W. Va.-Ky.-Ohio SMSA
9	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	93	Huntsville, Ala. SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
12	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-Ill. SMSA	97	Jacksonville, Fla. SMSA
14	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jersey City, N.J. SMSA
15	Atlanta, Ga. SMSA	57	Decatur, Ill. SMSA	99	Johnstown, Pa. SMSA
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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
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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
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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
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141	Muskegon-Muskegon Heights, Mich. SMSA	183	Rockford, Ill. SMSA	225	Tulsa, Okla. SMSA
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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
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149	New York, N.Y. SMSA	191	San Angelo, Tex. SMSA	233	Waterbury, Conn. SMSA
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152	Norfolk-Portsmouth, Va. SMSA	194	San Diego, Calif. SMSA	236	Wheeling, W. Va.-Ohio SMSA
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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
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162	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, Puerto Rico SMSA
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164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, Puerto Rico SMSA
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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

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GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

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

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

PROCESSING PROCEDURES

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

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

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

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

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Richmond, Va.

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 179.]

page

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places

XI

INDEX OF TABLES

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

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

LIST OF TABLES

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

TABLE

- 1 Value of Owner Occupied Housing Units: 1970

- 2 Gross Rent of Renter Occupied Housing Units: 1970

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

- 4 Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970

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

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

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

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

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

- 11 Value of Owner Occupied Housing Units With Negro Head of Household: 1970

- 12 Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970

- 13 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

TABLE

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

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

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

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

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

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

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

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

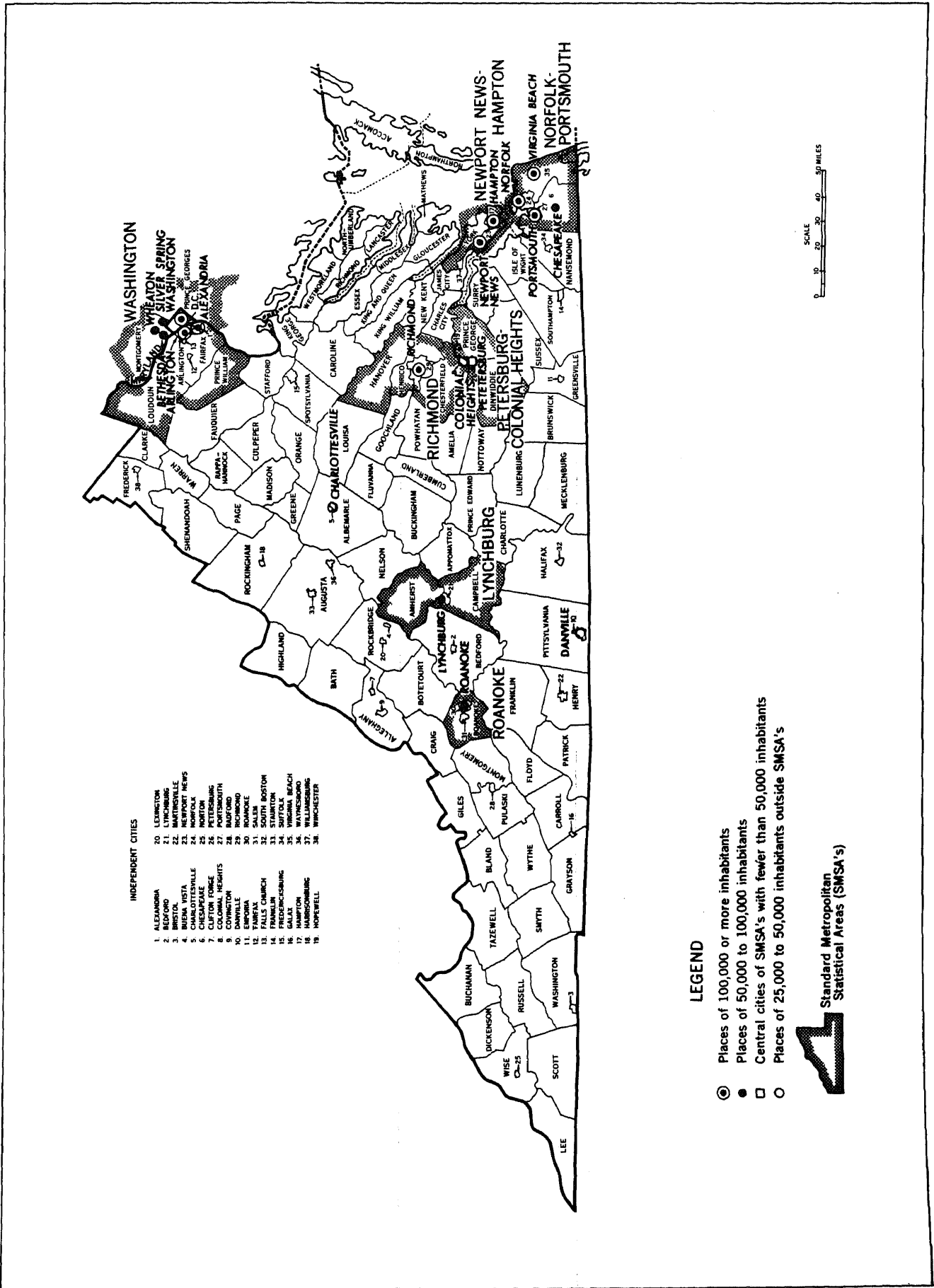
- 23 Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

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

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

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

Counties, Standard Metropolitan Statistical Areas, and Selected Places



NOTE

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

Table A-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	60 840	1 957	1 932	3 099	3 616	10 458	13 136	14 917	8 300	1 426	244	1 755	113
ROOMS													
1 room	1 348	388	121	258	57	67	257	73	78	4	16	29	66
2 rooms	2 549	133	182	259	301	572	497	406	145	5	-	49	93
3 rooms	10 586	575	576	974	1 354	2 336	1 973	1 905	604	101	17	171	94
4 rooms	24 863	562	764	742	1 257	4 583	6 257	7 270	2 761	277	16	374	114
5 rooms	13 265	176	208	550	463	2 145	2 779	3 529	2 735	261	67	352	121
6 rooms	5 240	101	67	271	155	559	948	1 155	1 329	339	10	306	130
7 rooms	1 905	15	4	40	18	164	311	420	431	293	54	155	143
8 rooms or more	1 084	7	10	5	11	32	114	159	217	146	64	319	160
Median	4.1	3.3	3.6	3.6	3.6	4.0	4.1	4.2	4.7	5.7	6.1	5.2	...
PERSONS													
1 person	15 903	898	611	1 278	1 597	3 211	3 154	3 037	1 388	213	70	446	101
2 persons	18 598	480	451	610	960	3 121	3 947	5 286	2 741	362	96	544	117
3 persons	10 806	214	365	289	439	1 842	2 511	3 050	1 590	221	19	266	117
4 persons	6 773	126	249	222	236	1 043	1 558	1 669	1 226	224	5	215	118
5 persons	4 077	103	103	223	188	544	896	964	717	160	25	154	118
6 persons or more	4 683	136	153	477	196	697	1 070	911	638	246	29	130	112
Median	2.3	1.7	2.3	1.9	1.7	2.1	2.4	2.3	2.5	3.1	2.0	2.3	...
Units with roomers, boarders, or lodgers	2 517	109	76	119	170	428	512	656	334	50	9	54	113
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	29 596	623	569	1 155	1 970	5 411	6 272	7 631	4 168	685	169	943	115
0.51 to 1.00	23 311	579	833	959	1 003	3 745	5 335	6 149	3 660	607	58	383	116
1.01 to 1.50	3 994	90	164	395	204	680	1 129	792	372	128	7	33	108
1.51 or more	3 912	27	42	82	81	210	171	203	69	6	10	11	101
Lacking some or all plumbing facilities													
0.50 or less	3 027	638	324	508	358	412	229	142	31	-	-	385	67
0.51 to 1.00	1 152	181	144	174	148	154	78	69	20	-	-	184	69
1.01 to 1.50	1 325	351	121	275	141	156	96	50	11	-	-	124	65
1.51 or more	314	34	48	30	37	66	29	19	-	-	-	51	75
Median	236	72	11	29	32	36	26	4	-	-	-	26	68
BEDROOMS													
None	1 397	476	100	305	81	14	220	24	115	-	39	23	64
1	14 849	542	554	1 339	1 697	3 512	2 899	3 072	922	69	-	243	98
2	32 043	576	829	1 467	1 467	5 498	7 474	9 555	4 624	504	139	512	117
3 or more	12 633	209	233	846	359	1 573	1 958	2 473	2 896	899	77	1 110	127
YEAR STRUCTURE BUILT													
1969 to March 1970	2 830	9	14	70	22	113	209	1 201	1 076	81	10	25	144
1965 to 1968	9 528	14	22	60	34	445	1 841	4 369	2 274	307	47	115	136
1960 to 1964	8 434	104	167	200	116	698	2 068	2 756	1 736	364	87	138	129
1950 to 1959	8 971	563	575	499	364	1 437	1 899	1 582	1 352	318	24	358	109
1940 to 1949	8 814	365	301	403	481	1 868	2 383	1 976	618	118	32	269	107
1939 or earlier	22 263	902	853	1 867	2 599	5 897	4 736	3 033	1 244	238	44	850	95
ELEVATOR IN STRUCTURE													
4 floors or more	1 943	22	-	117	80	205	276	288	504	330	121	-	148
With elevator	1 748	22	-	69	54	163	257	248	484	330	121	-	156
Walk-up	195	-	-	48	26	42	19	40	20	-	-	-	-
1 to 3 floors	58 979	1 781	1 716	3 238	3 524	10 392	12 275	14 836	8 053	1 142	134	1 888	113
COMPLETE BATHROOMS													
1 and 1/2	54 798	1 321	1 531	2 450	3 203	9 757	12 694	14 349	7 550	870	44	1 029	114
2 or more	2 524	22	40	57	50	136	291	342	585	555	191	255	167
None or also used by another household	3 485	678	423	508	388	501	319	181	74	13	-	400	69
INCOME IN 1969													
Less than \$2,000	8 835	818	679	951	993	1 671	1 471	1 223	537	94	24	374	88
\$2,000 to \$2,999	4 644	340	418	474	426	1 033	848	683	258	24	-	140	92
\$3,000 to \$3,999	4 859	241	304	452	430	1 075	998	845	336	50	-	128	98
\$4,000 to \$4,999	5 510	206	111	387	441	1 213	1 437	1 113	443	36	11	112	105
\$5,000 to \$5,999	5 278	94	87	198	327	1 181	1 315	1 377	506	62	4	125	110
\$6,000 to \$6,999	5 277	91	115	175	233	952	1 497	1 513	512	72	6	113	114
\$7,000 to \$9,999	12 634	124	120	294	485	1 994	3 185	3 942	1 913	207	20	350	120
\$10,000 to \$14,999	9 839	32	87	128	227	1 094	1 955	3 237	2 388	403	28	260	132
\$15,000 to \$24,999	3 256	11	11	40	37	196	377	865	1 190	334	69	126	151
\$25,000 or more	708	-	-	-	17	49	53	119	217	144	82	27	174
Median	\$6 300	\$2 500	\$2 700	\$3 300	\$3 900	\$5 200	\$6 300	\$7 500	\$9 400	\$12 100	\$19 200	\$6 000	...
YEAR MOVED INTO UNIT													
1969 to March 1970	24 974	532	641	832	849	3 453	5 422	7 623	4 465	772	92	293	122
1968	9 394	204	238	333	423	1 473	2 248	2 659	1 364	268	20	164	117
1967	5 554	164	180	283	344	1 005	1 230	1 330	782	116	12	108	112
1965 and 1966	7 048	180	265	353	660	1 300	1 708	1 469	758	143	68	144	108
1960 to 1964	6 786	431	307	554	574	1 349	1 536	1 053	520	79	29	354	100
1950 to 1959	4 920	363	253	413	537	1 314	837	564	206	40	14	379	91
1949 or earlier	2 131	147	110	247	254	500	323	174	114	20	-	242	87
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	3 675	388	229	304	344	737	613	581	380	78	21	...	95
10 to 14 percent	10 284	328	222	435	609	2 135	2 397	2 525	1 398	193	42	...	112
15 to 19 percent	11 607	301	202	477	518	1 865	2 849	3 316	1 789	249	41	...	117
20 to 24 percent	8 846	225	305	348	410	1 333	1 979	2 480	1 468	275	23	...	118
25 to 34 percent	8 968	193	320	439	427	1 439	2 143	2 453	1 273	242	39	...	116
35 percent or more	14 761	449	586	1 000	1 213	2 729	2 999	3 424	1 904	379	78	...	109
of computed	2 699	73	68	96	95	220	156	138	88	10	-	1 755	91
IR CONDITIONING													
Some units	14 451	87	151	347	711	2 607	3 935	3 649	1 818	412	68	666	115
Central system	14 321	6	25	6	21	356	1 884	6 598	4 571	607	135	112	142
None	32 035	1 928	1 818	2 662	2 909	7 431	7 485	4 625	1 820	419	32	906	97

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	0.51	1.01	1.51	Total	0.50	0.51	1.01	1.51
			or less	to 1.00	to 1.50	or more		or less	to 1.00	to 1.50	or more
Owner occupied housing units -----	100 269	97 102	56 874	36 786	3 070	372	3 167	1 617	1 038	313	199
PERSONS											
1 person	9 759	9 083	9 042	41	-	-	676	670	6	-	-
2 persons	29 673	28 849	28 416	404	-	29	824	720	99	-	5
3 persons	20 090	19 599	13 042	6 534	23	-	491	183	303	5	-
4 persons	19 651	19 269	4 868	14 333	68	-	382	13	356	13	-
5 persons	11 273	10 964	1 506	9 127	285	46	309	31	165	77	36
6 persons or more	9 823	9 338	-	6 347	2 694	297	485	-	109	218	158
Median	3.0	3.0	2.2	4.3	6.6	7.5+	2.7	1.7	3.8	6.2	7.5
Units with roomers, boarders, or lodgers	2 787	2 647	1 435	1 046	145	21	140	64	45	16	15
YEAR STRUCTURE BUILT											
1969 to March 1970	2 536	2 479	1 454	1 018	7	-	57	7	15	19	16
1965 to 1968	11 751	11 615	6 184	5 135	287	9	136	55	52	22	7
1960 to 1964	14 344	14 120	7 250	6 483	362	25	226	105	74	14	33
1950 to 1959	30 758	30 339	16 524	12 728	981	106	419	159	154	72	34
1940 to 1949	16 321	15 760	9 831	5 309	550	70	561	245	219	65	32
1939 or earlier	24 532	22 851	15 654	6 172	852	173	1 681	985	487	121	88
INCOME IN 1969											
Less than \$2,000	6 222	5 421	4 678	669	55	19	801	684	90	15	12
\$2,000 to \$2,999	3 355	3 068	2 612	404	44	10	287	168	97	17	5
\$3,000 to \$3,999	3 541	3 166	2 523	564	64	15	375	162	155	37	21
\$4,000 to \$4,999	3 847	3 649	2 782	753	114	-	198	71	72	24	31
\$5,000 to \$5,999	4 258	4 061	2 733	1 131	174	23	197	77	71	37	12
\$6,000 to \$6,999	4 873	4 636	2 755	9 121	192	38	237	105	81	31	20
\$7,000 to \$9,999	19 124	18 641	9 181	8 420	919	121	483	152	224	58	49
\$10,000 to \$14,999	30 135	29 777	14 605	14 058	1 007	107	358	110	147	63	38
\$15,000 to \$24,999	19 072	18 879	10 869	7 547	434	30	194	69	92	22	11
\$25,000 or more	5 841	5 804	4 137	1 589	69	9	37	19	9	9	-
Median	\$10 800	\$11 000	\$10 400	\$11 700	\$9 900	\$9 000	\$4 600	\$2 700	\$6 400	\$6 900	\$6 900
VALUE-INCOME RATIO											
Specified owner occupied ¹	90 662	88 487	51 639	33 843	2 693	312	2 175	1 103	722	223	127
Less than 1.5	34 713	33 654	16 554	15 389	1 525	186	1 059	331	461	167	100
1.5 to 1.9	20 265	20 029	10 978	8 385	596	70	236	135	62	22	17
2.0 to 2.4	12 785	12 583	7 295	4 999	259	30	202	123	66	8	5
2.5 to 2.9	6 760	6 684	4 225	2 316	126	17	76	28	37	6	5
3.0 to 3.9	5 743	5 596	4 108	1 401	78	9	147	101	41	5	-
4.0 or more	9 630	9 240	7 864	1 279	97	-	390	330	45	15	-
Not computed	766	701	615	74	12	-	65	55	10	-	-
HEATING EQUIPMENT											
Steam or hot water	33 586	33 359	22 171	10 577	568	43	227	153	67	7	-
Warm-air furnace	36 401	36 052	20 218	14 746	975	113	349	155	136	33	25
Built-in electric units	6 543	6 491	3 444	2 873	163	11	52	7	7	9	4
Floor, wall, or pipeless furnace	11 177	11 049	5 289	5 040	651	69	128	72	47	5	4
Other means	12 500	10 124	5 742	3 544	702	136	2 376	1 185	776	255	160
None	62	27	10	6	11	-	35	26	5	4	-
Renter occupied housing units -----	63 044	59 579	30 383	24 108	4 167	921	3 465	1 340	1 492	359	274
PERSONS											
1 person	16 149	14 861	14 071	790	-	-	1 288	870	418	-	-
2 persons	19 277	18 494	14 622	3 810	-	62	783	423	311	-	49
3 persons	11 243	10 839	1 386	9 322	113	18	404	39	350	15	-
4 persons	7 119	6 828	214	6 190	372	52	291	8	207	60	16
5 persons	4 281	4 064	90	2 665	1 167	142	217	-	106	74	37
6 persons or more	4 975	4 493	-	1 331	2 515	647	482	-	100	210	172
Median	2.3	2.3	1.6	3.3	5.9	6.9	2.1	1.3	2.5	5.8	7.0
Units with roomers, boarders, or lodgers	2 565	2 395	1 075	1 117	129	74	170	23	108	25	14
YEAR STRUCTURE BUILT											
1969 to March 1970	2 791	2 783	1 541	1 186	56	-	8	8	-	-	-
1965 to 1968	9 844	9 769	5 198	4 196	317	58	75	18	52	5	-
1960 to 1964	8 621	8 497	4 515	3 427	472	83	124	48	37	26	13
1950 to 1959	9 563	9 243	3 712	4 456	905	170	320	107	137	41	35
1940 to 1949	9 172	8 777	4 286	3 725	652	114	395	138	165	56	36
1939 or earlier	23 078	20 685	11 277	7 159	1 679	570	2 393	959	1 027	202	205
INCOME IN 1969											
Less than \$2,000	9 178	7 978	5 200	2 272	387	119	1 200	726	407	35	32
\$2,000 to \$2,999	4 766	4 385	2 478	1 484	350	73	381	132	202	24	23
\$3,000 to \$3,999	5 074	4 722	2 463	1 776	383	103	352	140	158	36	18
\$4,000 to \$4,999	5 666	5 297	2 790	1 980	423	104	423	67	201	63	38
\$5,000 to \$5,999	5 484	5 209	2 699	1 927	492	91	369	78	117	30	48
\$6,000 to \$6,999	5 454	5 188	2 633	2 038	410	107	275	69	117	54	31
\$7,000 to \$9,999	13 066	12 680	5 515	6 062	893	210	266	64	168	74	75
\$10,000 to \$14,999	10 211	10 007	4 514	4 824	592	77	386	69	168	43	9
\$15,000 to \$24,999	3 408	3 384	1 632	1 510	208	34	204	48	104	43	9
\$25,000 or more	737	729	459	235	29	6	8	4	4	-	-
Median	\$6 200	\$6 400	\$5 800	\$7 300	\$6 100	\$5 700	\$3 400	\$2 000	\$3 900	\$5 700	\$5 500
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	60 840	57 813	29 596	23 311	3 994	912	3 027	1 152	1 325	314	236
Less than 10 percent	3 675	3 365	1 538	1 479	284	64	310	49	173	55	33
10 to 14 percent	10 284	9 852	4 353	4 615	732	152	432	75	229	78	50
15 to 19 percent	11 607	11 293	5 093	5 258	763	179	314	96	156	17	45
20 to 24 percent	8 846	8 546	4 010	3 703	715	118	300	94	123	51	32
25 to 34 percent	8 968	8 694	4 510	3 360	627	197	274	67	133	41	23
35 percent or more	14 761	13 850	8 601	4 290	780	179	911	509	334	41	27
Not computed	2 699	2 213	1 491	606	93	23	486	232	177	51	26
HEATING EQUIPMENT											
Steam or hot water	17 787	17 160	9 825	6 001	1 145	189	627	149	434	15	29
Warm-air furnace	20 214	20 052	10 893	8 248	776	135	162	71	71	5	15
Built-in electric units	3 296	3 287	1 693	1 434	136	24	9	9	-	-	-
Floor, wall, or pipeless furnace	4 845	4 781	1 947	2 432	379	29	64	21	31	6	6
Other means	16 745	14 184	5 986	5 940	1 722	536	2 561	1 073	935	333	220
None	157	115	39	53	9	14	42	17	21	-	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	100 269	88	254	1 375	8 477	25 142	25 418	19 773	19 742	6.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	96 742	49	130	1 017	7 566	24 504	24 578	19 361	19 537	6.1
PERSONS										
1 person	9 759	47	130	616	1 649	3 220	2 289	1 083	725	5.3
2 persons	29 673	34	67	436	3 605	8 900	7 793	5 153	3 685	5.7
3 persons	20 090	-	28	133	1 510	5 194	5 385	4 313	3 527	6.1
4 persons	19 651	-	-	81	1 049	4 058	4 852	4 730	4 881	6.5
5 persons	11 273	7	21	54	362	2 140	2 701	2 458	3 530	6.6
6 persons or more	9 823	-	8	55	302	1 630	2 398	2 036	3 394	6.8
Median	3.0	...	1.5	1.7	2.2	2.6	3.0	3.3	3.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	97 102	70	169	1 087	7 500	24 398	24 754	19 579	19 545	6.1
0.50 or less	56 874	-	79	495	4 744	11 845	15 064	10 436	14 211	6.2
0.51 to 1.00	36 786	41	47	465	2 274	11 058	8 869	8 818	5 214	6.0
1.01 to 1.50	3 070	-	23	68	423	1 374	777	285	120	5.2
1.51 or more	372	29	20	59	59	121	44	40	-	4.7
Lacking some or all plumbing facilities	3 167	18	85	288	977	744	664	194	197	4.8
0.50 or less	1 617	-	51	121	510	275	403	113	144	5.0
0.51 to 1.00	1 038	6	20	104	285	334	174	71	44	4.8
1.01 to 1.50	313	-	5	13	117	89	70	10	9	4.7
1.51 or more	199	12	9	50	65	46	17	-	-	3.9
BEDROOMS										
None and 1	2 931	132	243	976	896	439	100	43	102	3.6
2	27 194	-	-	437	6 591	13 792	5 167	960	247	5.0
3	49 249	-	-	-	377	10 221	19 126	13 760	5 765	6.2
4 or more	20 916	-	-	-	-	246	1 702	5 391	13 577	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	2 652	-	4	26	213	366	447	650	946	6.9
1960 to 1968	26 223	9	60	265	1 307	4 776	5 586	6 255	7 965	6.7
1950 to 1959	30 702	26	59	234	2 337	9 135	8 804	6 042	4 065	5.9
1949 or earlier	40 692	53	131	850	4 620	10 865	10 581	6 826	6 766	5.9
COMPLETE BATHROOMS										
1 and 1 1/2	68 493	50	102	925	7 270	23 545	20 766	10 800	5 035	5.6
2 or more	28 401	12	46	117	308	991	3 837	8 566	14 524	7.5
None or also used by another household	3 350	8	110	326	970	815	687	237	197	4.8
VALUE-INCOME RATIO										
Specified owner occupied¹	90 662	42	104	652	6 068	22 718	23 816	18 850	18 412	6.2
Less than 1.5	34 713	10	43	240	3 024	10 320	9 421	6 224	5 431	5.9
1.5 to 1.9	20 265	21	20	88	940	4 660	5 676	4 628	4 232	6.3
2.0 to 2.9	19 545	5	23	98	840	3 592	4 799	4 911	5 277	6.6
3.0 or more	15 373	6	18	215	1 169	3 899	3 757	2 960	3 349	6.1
Not computed	766	-	-	11	95	247	163	127	123	5.7
Renter occupied housing units	63 044	1 348	2 570	10 780	25 702	13 769	5 588	2 015	1 272	4.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	58 246	618	2 088	9 599	24 585	13 116	5 134	1 941	1 165	4.2
PERSONS										
1 person	16 149	1 208	1 715	5 526	5 159	1 939	398	108	96	3.4
2 persons	19 277	111	641	3 480	9 268	4 251	1 001	335	190	4.1
3 persons	11 243	18	128	1 015	5 880	2 777	946	266	183	4.3
4 persons	7 119	11	57	432	3 251	1 876	1 006	264	222	4.4
5 persons	4 281	-	9	170	1 241	1 555	734	363	209	5.0
6 persons or more	4 975	-	20	157	903	1 371	1 503	649	372	5.5
Median	2.3	1.1	1.2	1.5	2.3	2.8	3.9	4.5	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	59 579	881	2 278	9 928	24 806	13 214	5 333	1 933	1 206	4.2
0.50 or less	30 383	-	1 550	5 151	13 988	6 000	2 238	720	736	4.1
0.51 to 1.00	24 108	790	560	4 156	8 894	5 971	2 303	1 014	420	4.2
1.01 to 1.50	4 167	-	113	372	1 614	1 131	740	158	39	4.5
1.51 or more	921	91	55	249	310	112	52	41	11	3.7
Lacking some or all plumbing facilities	3 465	467	292	852	896	555	255	82	66	3.6
0.50 or less	1 340	-	165	375	439	190	107	19	45	3.8
0.51 to 1.00	1 492	418	81	339	237	237	96	63	21	3.2
1.01 to 1.50	359	-	15	60	149	88	47	-	-	4.2
1.51 or more	274	49	31	78	71	40	5	-	-	3.2
BEDROOMS										
None	1 397	1 292	83	22	-	-	-	-	-	1.0
1	15 082	-	2 491	8 649	3 191	645	79	-	27	3.1
2	33 151	-	-	1 774	22 174	8 352	732	78	41	4.2
3 or more	13 527	-	-	-	661	4 741	4 954	1 761	1 410	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	2 930	5	36	410	1 464	849	132	21	13	4.2
1960 to 1968	18 385	423	937	2 653	10 334	2 937	718	200	183	4.0
1950 to 1959	9 397	55	195	1 098	3 867	2 296	1 280	439	167	4.4
1949 or earlier	32 332	865	1 402	6 619	10 037	7 687	3 458	1 355	909	4.2
COMPLETE BATHROOMS										
1 and 1 1/2	56 491	876	2 169	9 693	24 406	12 881	4 600	1 303	563	4.1
2 or more	2 631	18	32	154	291	312	572	645	607	6.4
None or also used by another household	3 947	488	336	1 026	986	597	330	96	88	3.6
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	60 840	1 348	2 549	10 586	24 863	13 265	5 240	1 905	1 084	4.1
Less than 10 percent	3 675	163	131	637	1 390	846	293	159	56	4.2
10 to 14 percent	10 284	209	295	1 541	4 423	2 470	935	304	107	4.2
15 to 19 percent	11 607	140	451	1 683	5 029	2 787	1 010	374	133	4.2
20 to 24 percent	8 846	127	391	1 421	3 693	2 062	780	289	95	4.2
25 to 34 percent	8 968	158	340	1 514	3 837	1 898	814	289	118	4.1
35 percent or more	14 761	453	824	3 390	5 826	2 700	1 017	307	244	4.0
Not computed	2 699	98	117	400	665	502	391	195	331	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	100 269	95 317	2 641	2 311	63 044	23 430	8 550	8 698	8 663	7 547	5 759	397
ROOMS												
1 room	88	57	26	5	1 348	83	39	141	354	167	558	6
2 rooms	254	149	46	59	2 570	362	157	447	499	450	634	21
3 rooms	1 375	763	305	307	10 780	1 935	2 116	1 838	1 356	1 941	1 493	101
4 rooms	8 477	6 531	756	1 190	25 702	7 690	3 620	4 914	3 838	3 388	2 056	196
5 rooms	25 142	23 734	739	669	13 769	6 225	2 006	1 150	2 144	1 353	829	62
6 rooms	25 418	25 002	356	60	5 588	4 301	423	165	351	230	107	11
7 rooms	19 773	19 628	129	16	2 015	1 726	123	17	74	9	66	-
8 rooms or more	19 742	19 453	284	5	1 272	1 108	66	26	47	9	16	-
Median	6.1	6.2	4.8	4.2	4.2	4.8	4.0	3.9	4.1	3.9	3.6	3.9
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	97 102	92 481	2 445	2 176	59 579	21 435	8 076	8 324	8 333	7 378	5 647	388
0.50 or less	56 874	54 084	1 731	1 059	30 383	8 825	3 953	4 583	4 784	4 639	3 446	153
0.51 to 1.00	36 786	35 216	585	985	24 108	10 071	3 101	3 124	3 050	2 516	2 071	175
1.01 to 1.50	3 070	2 849	100	121	4 167	2 188	767	458	447	182	78	47
1.51 or more	372	332	29	11	921	351	255	159	52	41	52	11
Lacking some or all plumbing facilities	3 167	2 836	196	135	3 465	1 995	474	374	330	169	112	11
0.50 or less	1 617	1 457	125	35	1 340	791	248	142	75	65	16	3
0.51 to 1.00	1 038	947	52	39	1 492	731	172	182	223	99	81	4
1.01 to 1.50	313	260	8	45	359	293	32	19	11	-	-	4
1.51 or more	199	172	11	16	274	180	22	31	21	5	15	-
BEDROOMS												
None	153	79	74	-	1 397	70	27	232	356	184	528	-
1	2 778	1 968	560	250	15 082	2 319	2 158	2 849	2 561	2 927	2 172	96
2	27 194	24 615	1 284	1 295	33 151	11 142	4 553	5 482	5 075	3 941	2 634	324
3	49 249	48 290	483	476	10 399	7 202	973	391	1 085	546	178	24
4 or more	20 916	20 477	396	43	3 128	2 713	119	64	189	21	22	-
YEAR STRUCTURE BUILT												
1969 to March 1970	2 652	2 283	13	356	2 930	685	49	314	878	695	254	55
1965 to 1968	11 878	10 885	105	888	9 751	2 015	222	1 606	2 226	1 946	1 653	83
1960 to 1964	14 345	13 685	82	578	8 634	2 195	373	1 329	924	1 813	1 849	151
1950 to 1959	30 702	30 060	308	334	9 397	5 482	852	877	1 206	516	399	65
1940 to 1949	16 259	15 861	327	71	9 180	4 590	1 448	1 056	1 030	629	406	21
1939 or earlier	24 433	22 543	1 806	84	23 152	8 463	5 606	3 516	2 399	1 948	1 198	22
INCOME IN 1969												
Less than \$2,000	6 222	5 555	481	186	9 178	3 114	1 696	1 394	1 250	904	767	53
\$2,000 to \$2,999	3 355	2 983	275	97	4 766	1 644	899	734	651	460	349	29
\$3,000 to \$3,999	3 541	3 196	228	117	5 074	1 843	796	813	647	540	391	44
\$4,000 to \$4,999	3 847	3 515	195	137	5 666	1 898	891	810	854	695	470	48
\$5,000 to \$5,999	4 258	3 854	180	224	5 484	1 858	830	819	769	610	472	26
\$6,000 to \$6,999	4 873	4 448	215	210	5 454	1 992	695	846	786	659	412	64
\$7,000 to \$9,999	19 124	18 047	438	639	13 066	5 186	1 566	1 746	1 652	1 635	1 201	80
\$10,000 to \$14,999	30 135	29 272	323	540	10 211	4 261	921	1 114	1 531	1 424	937	23
\$15,000 to \$24,999	19 073	18 684	239	150	3 408	1 413	213	279	461	503	515	24
\$25,000 or more	5 841	5 763	67	11	737	221	43	42	117	117	245	6
Median	\$10 800	\$11 000	\$5 800	\$7 900	\$6 200	\$6 700	\$5 000	\$5 700	\$6 200	\$6 900	\$7 000	\$5 900
YEAR MOVED INTO UNIT												
1969 to March 1970	10 060	9 111	299	650	25 598	8 286	2 725	3 579	4 205	3 773	2 791	239
1968	8 673	8 072	125	476	9 752	3 612	1 014	1 503	1 355	1 325	904	39
1967	6 593	6 192	110	291	5 742	2 140	787	867	809	566	534	39
1965 and 1966	12 976	12 352	232	392	7 383	2 963	1 287	1 036	841	642	582	32
1960 to 1964	19 933	19 148	411	374	7 064	3 031	1 363	875	656	575	532	32
1950 to 1959	25 257	24 497	639	121	4 780	2 104	926	499	528	432	278	13
1949 or earlier	16 752	15 968	744	40	2 750	1 183	634	337	179	254	163	-
GROSS RENT												
Specified renter occupied¹	...	...	...	...	60 840	21 226	8 550	8 698	8 663	7 547	5 759	397
Less than \$50	...	...	...	...	1 957	819	247	167	480	142	102	-
\$50 to \$59	...	...	...	...	1 932	871	273	251	349	104	60	24
\$60 to \$69	...	...	...	...	3 099	1 109	614	543	418	214	197	4
\$70 to \$79	...	...	...	...	3 616	1 145	938	592	298	411	219	13
\$80 to \$99	...	...	...	...	10 458	3 024	2 378	2 059	1 308	1 228	450	11
\$100 to \$119	...	...	...	...	13 136	3 971	2 091	2 603	1 822	1 428	1 158	63
\$120 to \$149	...	...	...	...	14 917	4 902	1 459	1 896	2 413	2 473	1 612	162
\$150 to \$199	...	...	...	...	8 300	3 138	352	498	1 456	1 383	1 415	58
\$200 to \$299	...	...	...	...	1 426	783	30	37	58	141	372	5
\$300 or more	...	...	...	...	244	78	16	-	-	5	29	5
No cash rent	...	...	...	...	1 755	1 386	152	52	61	18	145	-
Median	...	...	...	...	\$113	\$115	\$98	\$105	\$116	\$123	\$133	\$130
HEATING EQUIPMENT												
Steam or hot water	33 586	32 210	1 362	14	17 787	4 721	2 562	2 674	3 399	2 206	2 216	9
Warm-air furnace	36 401	34 290	526	1 585	20 214	5 766	1 048	2 916	3 639	4 078	2 542	27
Built-in electric units	6 543	6 432	37	74	3 296	962	190	384	587	582	564	225
Floor, wall, or pipeless furnace	11 177	10 928	132	117	4 845	3 190	427	498	340	271	95	24
Other means	12 500	11 401	584	515	16 745	8 703	4 283	2 204	698	403	342	112
None	62	56	-	6	157	88	40	22	-	7	-	-
AIR CONDITIONING												
Room unit(s)	52 669	50 215	1 079	1 375	14 838	5 545	1 674	2 061	2 022	1 763	1 626	147
Central system	11 209	10 893	81	235	14 624	2 650	237	2 043	3 062	3 571	3 027	34
None	36 366	34 232	1 400	734	33 607	15 124	6 825	4 592	3 489	2 233	1 131	213
AUTOMOBILES AVAILABLE												
None	43 193	40 498	1 270	1 425	30 341	11 050	3 311	4 315	4 224	3 973	3 212	256
1	39 817	38 770	417	630	9 653	4 029	864	1 019	1 480	1 336	881	44
2 or more	6 883	6 519	100	64	1 066	573	61	91	107	185	49	-
Median	10 551	9 553	773	225	22 009	7 667	4 500	3 271	2 762	2 073	1 642	94

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	100 269	9 759	29 673	20 090	19 651	11 273	5 864	2 682	1 277	3.0
BEDROOMS										
None and 1	2 931	1 310	1 225	202	83	60	-	51	-	1.6
2	27 194	4 447	12 868	5 427	2 938	860	521	92	41	2.2
3	49 249	3 391	11 543	10 888	12 331	6 656	2 945	916	579	3.4
4 or more	20 916	1 062	3 463	3 657	4 123	3 993	2 812	1 185	621	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	2 652	86	593	645	746	390	132	21	39	3.5
1965 to 1968	11 878	377	2 255	2 573	3 483	1 940	803	336	111	3.7
1960 to 1964	14 345	572	3 160	3 002	3 756	2 153	1 121	416	165	3.6
1950 to 1959	30 702	2 352	8 945	6 652	6 440	3 571	1 761	736	245	3.1
1940 to 1949	16 259	1 910	5 981	3 078	2 533	1 317	784	427	229	2.6
1939 or earlier	24 433	4 462	8 739	4 140	2 693	1 902	1 263	746	488	2.4
UNITS IN STRUCTURE										
1	95 317	8 429	28 022	19 291	19 059	10 937	5 740	2 596	1 243	3.1
2 or more	2 641	929	839	351	252	126	80	45	19	2.0
Mobile home or trailer	2 311	401	812	448	340	210	44	41	15	2.4
COMPLETE BATHROOMS										
1 and 1 1/2	68 493	7 382	22 269	13 812	12 458	6 761	3 385	1 779	647	2.8
2 and 2 1/2	23 882	1 296	5 851	4 915	5 820	3 322	1 610	681	387	3.5
3 or more	4 519	174	930	796	985	858	487	202	87	3.9
None or also used by another household	3 350	750	879	470	408	304	187	170	182	2.6
HOUSEHOLD COMPOSITION										
Two-or-more-person households	90 510		29 673	20 090	19 651	11 273	5 864	2 682	1 277	3.3
Male head, wife present, no nonrelatives	78 478	...	24 108	17 027	18 102	10 355	5 422	2 347	1 117	3.4
Under 25 years	1 643	...	553	577	354	84	47	10	18	3.0
25 to 34 years	14 756	...	1 943	3 515	5 190	2 565	1 050	365	128	3.9
35 to 44 years	19 076	...	1 592	2 991	5 988	4 287	2 580	1 147	491	4.3
45 to 64 years	34 146	...	13 318	8 591	6 236	3 215	1 589	741	456	2.9
65 years and over	8 857	...	6 702	1 353	334	204	156	84	24	2.2
Other male head	3 027	...	1 269	826	409	249	133	95	46	2.8
Under 65 years	2 279	...	883	601	346	214	117	77	41	2.9
65 years and over	748	...	386	225	63	35	16	18	5	2.5
Female head	9 005	...	4 296	2 237	1 140	669	309	240	114	2.6
Under 65 years	6 188	...	2 627	1 581	903	545	243	189	100	2.8
65 years and over	2 817	...	1 669	656	237	124	66	51	14	2.3
One-person households	9 759	9 759	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	90 662	7 865	26 445	18 543	18 381	10 466	5 385	2 417	1 160	3.1
Less than 1.5	34 713	731	9 778	8 321	7 379	4 241	2 495	1 140	628	3.3
1.5 to 1.9	20 265	832	5 676	4 345	4 777	2 653	1 500	500	229	3.3
2.0 to 2.4	12 785	782	3 310	2 538	3 128	1 780	766	347	134	3.4
2.5 to 2.9	6 760	644	1 960	1 253	1 425	806	396	187	89	3.1
3.0 to 3.9	5 743	970	2 081	920	885	513	214	118	42	2.4
4.0 or more	9 630	3 538	3 417	1 082	751	455	244	105	38	1.9
Not computed	766	368	223	84	36	18	17	20	-	1.6
Renter occupied housing units	63 044	16 149	19 277	11 243	7 119	4 281	2 446	1 587	942	2.1
BEDROOMS										
None	1 397	1 319	59	19	-	-	-	-	-	1.0
1	15 082	8 025	5 285	1 243	368	54	71	21	15	1.4
2	33 151	5 497	12 673	7 781	4 376	1 734	811	214	65	2.4
3 or more	13 527	848	1 915	2 054	2 633	2 078	1 720	1 555	724	4.2
YEAR STRUCTURE BUILT										
1969 to March 1970	2 930	599	1 126	670	316	118	65	21	15	2.3
1965 to 1968	9 751	2 137	3 835	2 061	1 108	397	158	24	31	2.2
1960 to 1964	8 634	2 272	2 819	1 787	957	419	165	176	39	2.2
1950 to 1959	9 397	1 548	2 423	1 859	1 490	1 055	506	307	209	2.9
1940 to 1949	9 180	2 033	2 645	1 741	1 216	760	428	239	118	2.5
1939 or earlier	23 152	7 560	6 429	3 125	2 032	1 532	1 124	820	530	2.1
UNITS IN STRUCTURE										
1	23 430	3 018	6 132	4 566	3 624	2 619	1 589	1 136	746	3.1
2	8 550	2 178	2 653	1 516	908	607	366	216	106	2.3
3 and 4	8 698	2 659	2 791	1 732	877	355	139	113	32	2.1
5 to 9	8 663	2 706	3 045	1 386	764	387	243	95	37	2.0
10 to 19	7 547	2 762	2 723	1 263	536	198	50	5	10	1.9
20 or more	5 759	2 715	1 836	712	361	75	33	16	11	1.6
Mobile home or trailer	397	111	97	68	49	40	26	6	-	2.4
COMPLETE BATHROOMS										
1 and 1 1/2	56 491	14 558	17 659	10 423	6 274	3 781	1 890	1 179	727	2.3
2 or more	2 631	341	510	456	456	344	275	141	108	3.5
None or also used by another household	3 947	1 411	871	446	374	254	227	194	170	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	46 895		19 277	11 243	7 119	4 281	2 446	1 587	942	2.9
Male head, wife present, no nonrelatives	31 958	...	12 333	7 915	5 194	3 031	1 748	1 095	642	3.0
Under 25 years	6 691	...	3 202	2 428	723	263	50	25	-	2.6
25 to 34 years	10 537	...	2 967	2 831	2 479	1 236	620	284	120	3.3
35 to 44 years	4 614	...	827	772	915	805	584	434	277	4.3
45 to 64 years	7 666	...	3 371	1 624	961	696	481	312	221	2.1
65 years and over	2 450	...	1 966	260	116	31	13	40	24	2.8
Other male head	3 089	...	1 823	721	265	157	35	53	15	2.3
Under 65 years	2 631	...	1 534	630	254	125	35	38	15	2.4
65 years and over	438	...	289	91	11	32	-	15	-	2.3
Female head	11 868	...	5 121	2 607	1 660	1 093	663	439	285	2.8
Under 65 years	10 435	...	4 145	2 408	1 529	1 052	627	404	270	2.9
65 years and over	1 433	...	976	199	131	41	36	35	15	2.2
One-person households	16 149	16 149	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	60 840	15 903	18 598	10 806	6 773	4 077	2 327	1 513	843	2.1
Less than 10 percent	3 675	729	1 213	640	446	256	204	137	50	2.4
10 to 14 percent	10 284	1 511	3 551	2 280	1 309	793	438	242	160	2.5
15 to 19 percent	11 607	2 096	3 699	2 428	1 640	846	454	285	159	2.5
20 to 24 percent	8 846	2 042	2 586	1 602	1 147	731	365	252	121	2.4
25 to 34 percent	8 948	2 500	2 590	1 621	888	624	337	268	140	2.3
35 percent or more	14 761	6 064	4 229	1 876	1 092	622	431	270	177	1.8
Not computed	2 699	961	730	359	251	205	98	59	36	2.0

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

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

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

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	1 003	416	339	248	Vacant for rent	3 660	2 029	1 062	569
ROOMS					ROOMS				
1 to 3 rooms	43	22	9	12	1 room	280	102	19	159
4 rooms	102	35	20	47	2 rooms	141	97	32	12
5 rooms	182	62	70	50	3 rooms	671	315	230	126
6 rooms	201	49	72	80	4 rooms	1 686	1 015	506	165
7 rooms or more	475	248	168	59	5 rooms	557	337	165	55
					6 rooms	211	111	70	30
					7 rooms or more	114	52	40	22
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	928	402	321	205	With all plumbing facilities	3 335	1 894	974	467
Lacking some or all plumbing facilities	75	14	18	43	Lacking some or all plumbing facilities	325	135	88	102
BEDROOMS					BEDROOMS				
None and 1	32	-	32	-	None	313	131	32	150
2	160	56	70	34	1	902	402	405	95
3	435	235	91	109	2	2 098	1 225	639	234
4 or more	373	146	158	69	3 or more	432	205	178	49
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	310	195	86	29	1969 to March 1970	432	357	58	17
1960 to 1968	203	78	67	58	1960 to 1968	925	537	202	186
1950 to 1959	140	37	50	53	1950 to 1959	260	128	93	39
1949 or earlier	350	106	136	108	1949 or earlier	2 043	1 007	709	327
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	959	398	327	234	1	886	410	291	185
2 or more	44	18	12	14	2 to 4	1 395	713	538	144
					5 to 9	587	457	88	42
					10 to 19	356	259	63	34
					20 or more	436	190	82	164
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	273	86	119	68	Specified vacant for rent²	3 606	2 010	1 043	553
Warm-air furnace	367	194	119	54	Less than \$50	529	225	191	113
Built-in electric units	104	65	23	16	\$50 to \$59	432	171	172	89
Floor, wall, or pipeless furnace	110	35	30	45	\$60 to \$79	852	459	322	71
Other means	132	36	41	55	\$80 to \$99	555	302	169	84
None	17	-	7	10	\$100 to \$119	512	248	100	164
					\$120 to \$149	393	314	66	13
					\$150 to \$199	295	257	19	19
					\$200 or more	38	34	4	-
					Median rent asked	\$80	\$90	\$70	\$81
SALES PRICE ASKED									
Specified vacant for sale¹	921	382	324	215					
Less than \$5,000	54	13	7	34	Less than \$50	529	225	191	113
\$5,000 to \$9,999	106	22	37	47	\$50 to \$59	432	171	172	89
\$10,000 to \$14,999	174	55	65	54	\$60 to \$79	852	459	322	71
\$15,000 to \$19,999	147	55	78	14	\$80 to \$99	555	302	169	84
\$20,000 to \$24,999	158	95	29	34	\$100 to \$119	512	248	100	164
\$25,000 to \$34,999	135	60	46	29	\$120 to \$149	393	314	66	13
\$35,000 to \$49,999	120	72	45	3	\$150 to \$199	295	257	19	19
\$50,000 or more	27	10	17	-	\$200 or more	38	34	4	-
Median price asked	\$19 300	\$22 400	\$18 400	\$12 500					

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

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

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

The SMSA	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	921	160	174	147	158	135	147	3 606	961	852	555	905	295	38
PLUMBING FACILITIES														
With all plumbing facilities	865	91	155	142	142	177	158	3 417	728	921	523	888	327	30
Lacking some or all plumbing facilities	29	29	-	-	-	-	-	265	138	77	17	17	16	-
BEDROOMS														
None and 1	32	32	-	-	-	-	-	1 201	302	316	110	374	69	30
2	141	34	35	54	18	-	-	2 098	436	590	369	481	222	-
3	363	18	66	50	75	96	58	302	111	46	61	50	34	-
4 or more	358	36	54	38	49	81	100	81	17	46	-	-	18	-
YEAR STRUCTURE BUILT														
1969 to March 1970	306	3	8	30	90	76	99	423	43	60	44	97	167	12
1960 to 1968	191	49	20	26	44	30	22	912	49	62	159	552	79	11
1950 to 1959	136	8	69	25	17	13	4	255	54	88	58	32	23	-
1949 or earlier	288	100	77	66	7	16	22	2 016	815	642	294	224	26	15
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	832	341	210	128	100	45	8
2 to 4 .....	...	...	...	...	...	...	...	1 395	509	398	211	205	68	4
5 to 19 .....	...	...	...	...	...	...	...	943	83	197	156	355	136	16
20 or more .....	...	...	...	...	...	...	...	436	28	47	60	245	46	10
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	924	154	187	109	296	152	26
Some or no utilities included .....	...	...	...	...	...	...	...	2 682	807	665	446	609	143	12

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

Table A-11. Value of Owner Occupied Housing Units With Negro Head of Household: 1970

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

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	14 868	1 146	1 790	2 436	2 981	2 932	2 480	586	365	127	25	11 700
ROOMS												
1 and 2 rooms	31	22	—	4	5	—	—	—	—	—	—	...
3 rooms	334	155	83	65	7	5	4	5	4	6	—	5 400
4 rooms	1 894	338	407	493	306	202	121	16	11	—	—	8 500
5 rooms	4 541	299	565	818	1 060	1 020	629	85	45	16	4	11 400
6 rooms	3 963	226	545	617	894	749	692	161	61	8	10	11 700
7 rooms	2 444	71	143	215	438	649	622	171	102	33	—	13 900
8 rooms or more	1 661	35	47	224	271	307	412	148	142	64	11	14 600
Median	5.7	4.7	5.2	5.3	5.6	5.8	6.2	6.7	7.1	7.5	...	...
PERSONS												
1 person	1 637	235	329	337	240	206	172	78	34	6	—	9 400
2 persons	3 686	334	526	678	710	611	576	137	84	26	4	11 100
3 persons	2 881	156	339	439	552	555	544	155	80	45	16	12 300
4 persons	2 240	103	211	331	427	485	480	93	71	39	—	12 700
5 persons	1 757	109	135	237	414	454	275	94	23	11	5	12 400
6 persons or more	2 667	209	250	414	638	621	433	29	73	—	—	11 800
Median	3.2	2.5	2.6	3.0	3.5	3.7	3.4	3.0	3.3	3.2	...	...
Units with roomers, boarders, or lodgers	895	82	147	176	189	125	163	4	9	—	—	10 600
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 686	644	1 505	2 221	2 896	2 910	2 437	567	354	127	25	12 100
0.50 or less	6 536	366	813	1 132	1 170	1 145	1 200	366	229	95	20	12 000
0.51 to 1.00	5 803	195	526	831	1 389	1 451	1 066	196	112	32	5	12 400
1.01 to 1.50	1 148	58	121	217	305	277	152	5	13	—	—	11 500
1.51 or more	199	25	45	41	32	37	19	—	—	—	—	9 300
Lacking some or all plumbing facilities	1 182	502	285	215	85	22	43	19	11	—	—	5 800
0.50 or less	535	200	158	108	40	6	13	10	—	—	—	6 100
0.51 to 1.00	412	173	91	70	34	16	19	9	—	—	—	5 900
1.01 to 1.50	140	65	27	32	—	—	11	—	—	—	—	5 500
1.51 or more	95	64	9	5	11	—	—	—	—	—	—	...
BEDROOMS												
None and 1	671	169	235	75	92	37	44	19	—	—	—	6 800
2	5 162	427	956	958	1 103	784	697	164	56	—	17	10 500
3	5 977	261	631	699	1 029	1 467	1 249	314	242	85	—	13 100
4 or more	2 799	69	167	477	630	555	672	71	115	43	—	12 800
YEAR STRUCTURE BUILT												
1969 to March 1970	165	—	5	10	16	17	44	33	24	16	—	18 300
1965 to 1968	677	28	17	46	54	111	177	94	101	43	6	17 500
1960 to 1964	1 275	92	47	138	205	314	261	120	63	23	10	13 700
1950 to 1959	3 002	95	168	318	704	806	674	138	78	16	5	13 200
1940 to 1949	3 070	163	337	501	733	670	538	95	22	11	—	11 800
1939 or earlier	6 679	768	1 216	1 423	1 269	1 014	786	106	77	16	4	9 900
COMPLETE BATHROOMS												
1 and 1 1/2	12 149	648	1 325	2 149	2 759	2 604	2 052	415	143	42	12	11 800
2 and 2 1/2	1 518	8	64	178	228	297	351	144	172	76	—	14 900
3 or more	81	—	—	—	—	6	12	13	24	13	13	...
None or also used by another household	1 318	566	344	221	70	43	41	20	13	—	—	5 700
HOUSEHOLD COMPOSITION												
Two-or-more-person households	13 231	911	1 461	2 099	2 741	2 726	2 308	508	331	121	25	12 000
Male head, wife present, no nonrelatives	10 111	576	986	1 456	2 134	2 240	1 865	440	278	111	25	12 400
Under 25 years	167	9	6	27	53	49	27	—	—	—	—	12 100
25 to 34 years	1 530	47	59	146	291	518	319	93	46	11	—	13 600
35 to 44 years	2 470	75	127	326	529	652	536	136	66	23	—	13 200
45 to 64 years	4 680	314	539	706	1 038	848	817	176	144	77	21	11 900
65 years and over	1 264	131	255	223	173	166	135	35	22	—	4	9 900
Other male head	654	76	108	129	105	115	93	25	3	—	—	10 300
Under 65 years	485	60	58	85	83	105	74	20	—	—	—	11 200
65 years and over	169	16	50	44	22	10	19	5	3	—	—	8 600
Female head	2 466	259	367	514	502	371	350	43	50	10	—	10 500
Under 65 years	1 728	196	191	316	405	276	260	39	35	10	—	11 000
65 years and over	1 738	63	176	198	97	95	90	4	15	—	—	9 100
One-person households	1 637	235	329	337	240	206	172	78	34	6	—	9 400
Under 65 years	936	110	170	204	168	97	112	54	15	6	—	9 800
65 years and over	701	125	159	133	72	109	60	24	19	—	—	8 800
INCOME IN 1969												
Less than \$2,000	1 712	254	391	353	283	194	166	39	23	5	4	9 000
\$2,000 to \$2,999	887	143	177	199	145	88	104	19	12	—	—	9 100
\$3,000 to \$3,999	916	149	176	220	136	115	75	12	16	17	—	9 000
\$4,000 to \$4,999	973	91	137	200	253	159	103	19	11	—	—	10 600
\$5,000 to \$5,999	1 102	133	169	220	270	165	103	19	13	10	—	10 300
\$6,000 to \$6,999	1 119	113	145	155	245	295	136	19	6	—	5	11 500
\$7,000 to \$9,999	3 441	144	316	548	842	760	660	97	61	8	5	12 100
\$10,000 to \$14,999	3 326	106	226	409	576	862	820	258	58	11	—	13 500
\$15,000 to \$24,999	1 244	13	48	123	212	284	286	98	131	38	11	14 500
\$25,000 or more	148	—	9	19	7	10	27	—	34	38	—	23 300
Median	\$7 600	\$4 300	\$5 100	\$6 200	\$7 600	\$8 800	\$9 500	\$11 300	\$13 500	\$18 300	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 237	11	56	96	265	359	295	100	26	29	—	13 800
1968	1 310	23	65	100	323	389	269	69	51	14	7	13 400
1967	941	25	28	83	189	307	187	56	45	21	—	13 700
1965 and 1966	1 883	67	103	252	417	497	400	51	66	24	6	13 000
1960 to 1964	2 474	204	201	447	556	493	350	147	50	20	6	11 700
1950 to 1959	4 504	408	653	911	945	660	693	125	80	23	6	10 700
1949 or earlier	2 717	484	627	659	362	245	262	44	34	—	—	8 400
EATING EQUIPMENT												
eam or hot water	3 647	31	169	319	757	1 025	953	242	114	32	5	13 800
arm-oir furnace	3 720	95	269	496	770	951	762	202	125	40	10	13 100
ilt-in electric units	597	21	79	92	42	115	150	92	62	17	—	15 600
or, wall, or pipeless furnace	2 128	57	115	413	670	558	296	5	14	—	—	11 800
her means	4 759	942	1 212	1 129	737	283	319	45	44	38	10	8 000
ione	17	—	6	—	5	—	—	—	6	—	—	...
AIR CONDITIONING												
oom unit(s)	4 841	68	219	671	1 070	1 324	1 081	281	89	32	6	13 200
entral system	613	—	—	20	66	107	97	98	142	64	19	20 800
one	9 612	1 154	1 514	1 857	1 921	1 519	1 278	213	121	35	—	10 400

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

Table A-12. Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	18 470	1 142	1 426	1 819	1 703	4 328	4 224	2 658	663	87	—	420	94
ROOMS													
1 room	181	91	24	31	5	12	6	—	7	—	—	5	50
2 rooms	441	40	82	42	60	121	52	16	—	—	—	28	77
3 rooms	3 723	439	452	638	617	849	550	99	—	11	—	68	75
4 rooms	8 071	383	643	439	669	2 083	2 173	1 398	135	16	—	132	98
5 rooms	3 355	100	171	428	235	838	774	554	180	—	—	75	97
6 rooms	1 845	74	44	206	105	328	441	353	205	42	—	47	106
7 rooms	542	15	—	30	7	71	161	141	83	13	—	21	117
8 rooms or more	312	—	10	5	5	26	67	97	53	5	—	44	126
Median	4.1	3.5	3.7	4.0	3.8	4.1	4.2	4.4	5.5	...	—	4.3	...
PERSONS													
1 person	3 540	349	337	487	512	912	490	279	42	5	—	107	80
2 persons	4 472	315	356	368	478	1 047	1 081	603	103	15	—	106	92
3 persons	3 292	175	305	179	241	888	783	564	81	16	—	60	96
4 persons	2 474	94	212	164	186	618	638	430	92	6	—	34	99
5 persons	1 768	84	83	198	144	319	490	294	111	9	—	36	102
6 persons or more	2 924	105	133	423	142	544	742	488	234	36	—	77	102
Median	2.9	2.1	2.6	2.8	2.2	2.7	3.2	3.3	4.6	...	—	2.5	...
Units with roomers, boarders, or lodgers	1 153	67	63	92	114	264	278	219	35	5	—	16	98
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	16 643	807	1 188	1 559	1 462	4 039	4 083	2 570	663	87	—	185	96
0.51 to 1.00	6 214	333	367	518	723	1 663	1 434	868	175	30	—	103	93
1.01 to 1.50	7 424	389	664	620	517	1 756	1 812	1 260	333	21	—	52	97
1.51 or more	2 376	70	120	343	147	451	708	360	122	36	—	19	101
Median	629	15	37	78	75	169	129	82	33	—	—	11	93
Lacking some or all plumbing facilities													
0.50 or less	1 827	335	238	260	241	289	141	88	—	—	—	235	69
0.51 to 1.00	690	102	121	96	98	96	36	41	—	—	—	100	68
1.01 to 1.50	712	159	73	116	92	100	55	30	—	—	—	87	67
1.51 or more	237	24	33	24	25	62	29	13	—	—	—	27	80
Median	188	50	11	24	26	31	21	4	—	—	—	21	69
BEDROOMS													
None	201	157	26	18	—	—	—	—	—	—	—	—	...
1	3 743	316	476	650	585	999	449	120	20	—	—	128	76
2	9 662	386	749	609	842	2 281	2 746	1 747	142	14	—	146	99
3 or more	4 996	149	189	715	320	1 077	1 128	791	373	130	—	124	100
YEAR STRUCTURE BUILT													
1969 to March 1970	557	4	14	70	12	108	161	172	16	—	—	—	109
1965 to 1968	1 598	4	17	33	19	257	561	618	48	22	—	19	116
1960 to 1964	1 690	84	139	157	58	287	620	298	38	5	—	4	104
1950 to 1959	2 847	385	489	366	255	523	424	234	91	12	—	6	76
1940 to 1949	2 646	261	253	274	278	602	484	313	123	6	—	52	88
1939 or earlier	9 132	404	514	919	1 081	2 551	1 974	1 023	347	42	—	277	91
ELEVATOR IN STRUCTURE													
4 floors or more	26	—	—	—	26	—	—	—	—	—	—	—	...
With elevator	—	—	—	—	—	—	—	—	—	—	—	—	...
Walk-up	26	—	—	—	26	—	—	—	—	—	—	—	...
1 to 3 floors	18 576	1 008	1 440	1 992	1 721	4 357	4 323	2 658	535	144	—	398	94
COMPLETE BATHROOMS													
1 and 1 1/2	15 759	863	1 085	1 481	1 441	3 922	3 831	2 367	569	50	—	150	95
2 or more	533	—	25	35	—	49	135	147	110	19	—	13	123
None or also used by another household	2 109	320	309	259	280	362	179	118	21	—	—	261	71
INCOME IN 1969													
Less than \$2,000	4 067	501	529	563	541	801	519	381	69	27	—	136	77
\$2,000 to \$2,999	2 354	233	335	345	206	570	387	183	39	9	—	47	81
\$3,000 to \$3,999	2 204	151	230	279	211	585	415	215	74	5	—	39	87
\$4,000 to \$4,999	2 045	86	83	205	228	513	550	276	71	—	—	33	96
\$5,000 to \$5,999	1 785	64	58	123	167	480	462	315	85	11	—	20	100
\$6,000 to \$6,999	1 382	31	78	57	75	363	412	277	43	10	—	36	103
\$7,000 to \$9,999	2 795	71	62	168	199	644	901	557	122	20	—	51	105
\$10,000 to \$14,999	1 458	5	45	66	67	301	450	357	116	—	—	51	110
\$15,000 to \$24,999	319	—	6	13	5	46	105	92	40	5	—	7	116
\$25,000 or more	61	—	—	—	—	25	23	5	4	—	—	—	...
Median	\$4 300	\$2 300	\$2 500	\$3 000	\$3 500	\$4 400	\$5 500	\$5 900	\$5 900	...	—	\$3 700	...
YEAR MOVED INTO UNIT													
1969 to March 1970	5 526	305	485	463	249	1 198	1 362	1 085	312	30	—	37	101
1968	2 518	138	150	188	210	510	628	537	118	19	—	20	102
1967	1 817	102	139	204	179	485	405	210	70	—	—	16	90
1965 and 1966	2 746	134	195	200	242	442	662	338	100	—	—	16	91
1960 to 1964	2 764	231	211	341	266	694	636	240	64	—	—	81	88
1950 to 1959	2 209	216	142	262	263	588	342	186	36	13	—	161	85
1949 or earlier	821	57	97	117	112	199	110	36	—	—	—	93	78
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 022	183	113	152	93	223	178	70	10	—	—	...	77
10 to 14 percent	2 361	176	145	200	242	670	602	286	40	—	—	...	93
15 to 19 percent	2 775	201	153	289	225	657	766	391	88	5	—	...	96
20 to 24 percent	2 566	160	241	214	225	563	625	443	95	—	—	...	95
25 to 34 percent	3 019	110	265	290	217	685	812	506	118	16	—	...	98
35 percent or more	5 902	277	482	608	647	1 403	1 200	920	299	66	—	...	93
Not computed	825	35	27	66	54	127	41	42	13	—	—	420	83
AIR CONDITIONING													
Room unit(s)	2 302	34	71	105	146	532	645	563	110	5	—	91	107
Central system	741	—	19	—	—	150	224	294	47	7	—	—	118
None	15 358	1 149	1 329	1 670	1 575	3 651	3 276	1 775	543	57	—	333	89

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

Table A-13. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	16 682	2 064	1 107	1 062	1 096	1 263	1 233	3 748	3 577	1 372	160	7 400
ROOMS												
1 and 2 rooms	79	26	17	11	16	—	—	9	—	—	—	2 ...
3 rooms	443	165	60	76	36	17	48	31	—	10	—	2 900
4 rooms	2 426	451	257	227	204	235	191	529	245	87	—	5 300
5 rooms	4 986	554	330	294	376	478	455	1 212	1 053	211	23	7 000
6 rooms	4 242	447	219	236	248	264	278	1 024	1 124	363	39	8 300
7 rooms or more	4 506	421	224	218	216	269	261	943	1 155	701	98	9 000
PERSONS												
1 person	1 924	936	285	202	152	96	51	140	62	—	—	2 100
2 persons	4 205	648	404	379	365	401	336	820	571	254	27	5 800
3 and 4 persons	5 649	284	295	260	299	387	463	1 439	1 553	604	65	8 700
5 persons	1 915	90	59	98	117	118	142	548	524	184	35	8 800
6 persons or more	2 989	106	64	123	163	261	241	801	867	330	33	9 000
Units with roomers, boarders, or lodgers	1 078	266	120	118	98	104	58	189	110	15	—	4 400
BEDROOMS												
Less than 3	6 848	1 200	440	534	661	661	701	1 500	884	251	16	5 900
3	6 636	426	208	162	348	402	525	1 683	2 113	726	43	9 200
4 or more	3 133	272	180	177	170	204	304	624	756	384	62	8 200
YEAR STRUCTURE BUILT												
1969 to March 1970	196	5	—	9	10	5	9	61	50	43	4	10 000
1960 to 1968	2 245	136	76	110	120	198	142	493	621	285	64	9 100
1950 to 1959	3 244	190	178	144	205	219	192	928	907	268	13	8 600
1949 or earlier	10 997	1 733	853	799	761	841	890	2 266	1 999	776	79	6 600
YEAR MOVED INTO UNIT												
1969 to March 1970	1 474	125	63	73	112	99	134	415	355	80	18	7 900
1968	1 425	71	46	118	106	109	80	421	351	115	8	8 300
1960 to 1967	5 826	414	293	309	316	436	372	1 568	1 437	595	86	8 500
1959 or earlier	8 072	1 525	751	632	543	641	538	1 343	1 443	592	64	5 900
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	8 897	656	251	332	461	631	897	2 111	2 437	1 023	98	8 700
Clothes dryer	1 376	112	81	21	29	73	53	130	507	312	58	11 900
Dishwasher	269	39	—	18	—	26	—	—	111	40	35	7 700
Home food freezer	3 426	301	158	111	168	215	380	690	861	471	71	7 100
Owned second home	401	38	20	41	29	27	44	72	72	58	—	9 700
With air conditioning	5 907	338	176	304	269	305	347	1 351	1 820	870	127	9 500
Room unit(s)	5 210	301	169	273	269	268	309	1 236	1 624	684	77	9 500
Central system	697	37	7	31	—	37	38	115	196	186	50	12 100
Automobiles available:												
1	8 074	703	472	422	607	736	674	2 094	1 854	496	16	7 600
2	3 562	67	28	80	120	117	190	1 026	1 165	689	80	10 700
3 or more	435	—	7	6	14	12	15	51	156	120	54	13 600
Renter occupied housing units	19 087	4 223	2 426	2 297	2 087	1 843	1 403	2 908	1 513	326	61	4 300
ROOMS												
1 room	181	49	22	22	49	—	10	29	—	—	—	3 900
2 rooms	447	151	50	57	55	35	61	25	13	—	—	3 400
3 rooms	3 794	1 400	613	437	335	336	177	379	97	10	12	2 800
4 rooms	8 353	1 533	1 044	1 020	909	838	635	1 500	739	95	40	4 600
5 rooms	3 497	438	421	449	406	336	296	486	356	104	5	4 600
6 rooms or more	2 813	452	276	312	333	298	224	489	308	117	4	5 100
PERSONS												
1 person	3 600	1 709	603	378	328	166	124	241	51	—	—	2 200
2 persons	4 599	1 067	550	610	568	433	366	580	347	54	24	4 100
3 and 4 persons	6 004	851	754	699	688	651	484	1 183	575	99	20	5 000
5 persons	1 823	252	201	247	207	224	151	291	184	55	11	5 000
6 persons or more	3 061	344	318	363	296	369	278	613	356	118	6	5 600
Units with roomers, boarders, or lodgers	1 153	416	181	124	167	80	85	60	25	15	—	2 900
BEDROOMS												
None	201	90	—	26	85	—	—	—	—	—	—	2 ...
1	3 839	1 416	713	404	253	277	182	367	227	—	—	2 700
2	9 935	2 089	1 098	961	1 267	1 055	661	1 827	844	95	38	4 600
3 or more	5 236	884	603	669	655	610	416	730	460	209	—	4 700
YEAR STRUCTURE BUILT												
1969 to March 1970	561	86	50	63	62	68	76	95	55	6	—	5 300
1960 to 1968	3 406	417	284	315	385	371	300	752	481	75	26	5 800
1950 to 1959	3 019	671	490	506	307	259	165	377	194	39	11	3 700
1949 or earlier	12 101	3 049	1 602	1 413	1 333	1 145	862	1 684	783	206	24	4 000
YEAR MOVED INTO UNIT												
1969 to March 1970	5 660	1 188	749	764	694	539	459	806	362	77	22	4 200
1968	2 597	458	269	245	333	300	214	435	267	50	26	5 000
1960 to 1967	7 607	1 546	991	958	830	707	520	1 223	666	149	17	4 400
1959 or earlier	3 190	970	411	400	220	267	251	414	205	52	—	3 500
GROSS RENT AS PERCENTAGE OF INCOME (Specified renter occupied)												
Less than 15 percent	18 470	4 067	2 354	2 204	2 045	1 785	1 382	2 795	1 458	319	61	4 300
15 to 19 percent	3 383	30	32	70	95	170	242	1 207	1 199	307	61	9 700
20 to 24 percent	2 775	—	—	186	305	413	451	1 109	186	5	—	6 800
25 to 34 percent	2 566	64	186	400	457	576	502	359	22	—	—	5 300
35 percent or more	3 019	115	556	722	884	536	141	65	—	—	—	4 100
Not computed	5 902	3 317	1 443	787	271	70	10	4	—	—	—	2000—
	825	541	47	39	33	20	36	51	51	7	—	2000—
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	4 232	636	430	434	451	455	342	949	397	138	—	5 400
Clothes dryer	410	79	24	22	38	79	—	109	38	21	—	5 500
Dishwasher	138	19	30	—	—	20	—	49	—	—	—	—
Home food freezer	1 132	239	178	224	20	138	—	201	71	61	—	3 700
Owned second home	229	102	57	20	—	21	—	—	29	—	—	—
With air conditioning	3 098	401	198	277	366	337	300	561	509	116	33	5 900
Room unit(s)	2 342	322	175	202	273	225	202	431	391	95	26	5 900
Central system	756	79	23	75	93	112	98	130	118	21	7	6 000
Automobiles available:												
1	5 782	487	365	532	604	722	652	1 443	792	150	35	6 300
2	862	36	28	19	99	34	42	217	281	93	13	9 400
3 or more	87	17	—	14	5	—	—	6	31	7	—	...

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

Table A-14. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

The SMSA

	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units -----	16 682	15 057	7 259	6 320	1 264	214	1 625	699	570	206	150
PERSONS											
1 person-----	1 924	1 612	1 612	-	-	-	312	306	6	-	-
2 persons-----	4 205	3 865	3 752	113	-	-	340	306	34	-	-
3 persons-----	3 131	2 897	1 480	1 408	9	-	234	73	161	-	-
4 persons-----	2 518	2 328	311	1 995	22	-	190	5	180	5	-
5 persons-----	1 915	1 734	104	1 523	87	20	181	9	104	52	16
6 persons or more-----	2 989	2 621	-	1 281	1 146	194	368	-	85	149	134
Median-----	3.2	3.2	2.0	4.3	6.9	7.5+	3.2	1.6	4.0	6.6	7.5+
Units with roomers, boarders, or lodgers-----	1 078	989	409	477	103	-	89	23	40	16	10
YEAR STRUCTURE BUILT											
1969 to March 1970-----	196	153	93	60	-	-	43	-	15	12	16
1965 to 1968-----	887	817	357	384	67	9	70	28	27	8	7
1960 to 1964-----	1 388	1 269	516	647	93	13	119	53	40	-	26
1950 to 1959-----	3 140	2 950	1 090	1 537	274	49	190	64	67	40	19
1940 to 1949-----	3 467	3 201	1 590	1 308	271	32	266	84	119	44	19
1939 or earlier-----	7 719	6 806	3 740	2 366	552	148	913	494	277	86	56
INCOME IN 1969											
Less than \$2,000-----	2 064	1 648	1 334	266	44	4	416	337	62	5	12
\$2,000 to \$2,999-----	1 107	927	690	211	16	10	180	83	75	17	5
\$3,000 to \$3,999-----	1 062	848	528	276	29	15	214	76	102	24	12
\$4,000 to \$4,999-----	1 096	973	561	327	85	-	123	44	29	19	31
\$5,000 to \$5,999-----	1 263	1 132	581	413	120	18	131	42	51	26	12
\$6,000 to \$6,999-----	1 233	1 116	488	497	97	34	117	45	26	31	15
\$7,000 to \$9,999-----	3 748	3 486	1 295	1 735	371	85	262	53	141	34	34
\$10,000 to \$14,999-----	3 577	3 442	1 106	1 932	361	43	135	19	54	44	18
\$15,000 to \$24,999-----	1 372	1 329	588	606	130	5	43	-	26	6	11
\$25,000 or more-----	160	156	88	57	11	-	4	-	4	-	-
Median-----	\$7 400	\$7 800	\$5 900	\$9 000	\$8 900	\$7 900	\$4 000	\$2 200	\$5 300	\$6 400	\$6 200
VALUE-INCOME RATIO											
Specified owner occupied ¹	14 868	13 686	6 536	5 803	1 148	199	1 182	535	412	140	95
Less than 1.5-----	6 681	6 078	2 217	3 124	632	105	603	165	238	116	84
1.5 to 1.9-----	2 552	2 464	1 096	1 086	233	49	88	37	40	5	6
2.0 to 2.4-----	1 685	1 570	772	653	126	19	115	60	42	8	5
2.5 to 2.9-----	884	837	434	331	55	17	47	9	32	6	-
3.0 to 3.9-----	883	791	514	220	48	9	92	60	32	-	-
4.0 or more-----	1 918	1 717	1 316	353	48	-	201	173	23	5	-
Not computed-----	265	229	187	36	6	-	36	31	5	-	-
HEATING EQUIPMENT											
Steam or hot water-----	4 019	3 991	2 165	1 584	229	13	28	9	19	-	-
Warm-air furnace-----	4 133	3 992	1 901	1 729	326	36	141	36	67	23	15
Built-in electric units-----	642	621	257	308	45	11	21	4	7	5	5
Floor, wall, or pipeless furnace-----	2 244	2 196	827	1 086	241	42	48	28	16	-	4
Other means-----	5 617	4 246	2 109	1 607	418	112	1 371	610	461	174	126
None-----	27	11	-	6	5	-	16	12	-	4	-
Renter occupied housing units -----	19 087	17 081	6 308	7 674	2 461	638	2 006	760	770	259	217
PERSONS											
1 person-----	3 600	3 028	2 961	67	-	-	572	482	90	-	-
2 persons-----	4 599	4 105	2 995	1 105	-	5	494	259	216	-	19
3 persons-----	3 426	3 181	290	2 866	25	-	245	19	221	5	-
4 persons-----	2 578	2 418	46	2 131	222	19	160	-	92	52	16
5 persons-----	1 823	1 668	16	907	640	105	155	-	81	43	31
6 persons or more-----	3 061	2 681	-	598	1 574	509	380	-	70	159	151
Median-----	2.9	2.9	1.6	3.4	6.0	7.1	2.4	1.3	2.9	5.9	7.2
Units with roomers, boarders, or lodgers-----	1 153	1 023	363	544	68	48	130	19	94	13	4
YEAR STRUCTURE BUILT											
1969 to March 1970-----	504	496	181	278	37	-	8	8	-	-	-
1965 to 1968-----	1 615	1 566	657	774	135	-	49	18	31	-	-
1960 to 1964-----	1 848	1 809	606	886	260	57	39	14	6	19	-
1950 to 1959-----	3 086	2 862	746	1 484	522	110	224	63	103	23	35
1940 to 1949-----	2 761	2 501	969	1 154	296	82	260	79	109	36	36
1939 or earlier-----	9 240	7 872	3 120	3 196	1 111	445	1 368	569	490	160	149
INCOME IN 1969											
Less than \$2,000-----	4 223	3 499	1 935	1 158	317	89	724	449	231	27	17
\$2,000 to \$2,999-----	2 426	2 173	926	888	291	68	253	86	124	20	23
\$3,000 to \$3,999-----	2 297	2 127	751	1 002	300	74	170	61	75	16	18
\$4,000 to \$4,999-----	2 087	1 876	725	835	271	45	211	43	86	44	38
\$5,000 to \$5,999-----	1 843	1 697	463	817	348	69	146	38	50	19	39
\$6,000 to \$6,999-----	1 403	1 292	388	633	213	58	111	27	30	35	19
\$7,000 to \$9,999-----	2 908	2 652	703	1 347	438	164	256	30	113	59	54
\$10,000 to \$14,999-----	1 513	1 387	341	786	220	40	126	22	56	39	9
\$15,000 to \$24,999-----	326	321	58	182	56	25	5	-	5	-	-
\$25,000 or more-----	61	57	18	26	7	6	4	4	-	-	-
Median-----	\$4 300	\$4 400	\$3 400	\$4 900	\$5 100	\$5 600	\$3 200	\$2000-	\$3 400	\$6 100	\$5 300
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	18 470	16 643	6 214	7 424	2 376	629	1 827	690	712	237	188
Less than 10 percent-----	1 022	825	196	447	124	58	197	28	100	47	22
10 to 14 percent-----	2 361	2 156	522	1 115	407	112	205	24	87	61	33
15 to 19 percent-----	2 775	2 563	687	1 339	400	137	212	64	86	17	45
20 to 24 percent-----	2 566	2 388	751	1 172	394	71	178	48	66	37	27
25 to 34 percent-----	3 019	2 867	1 050	1 314	393	110	152	58	56	15	23
35 percent or more-----	5 902	5 298	2 703	1 889	579	127	604	345	209	33	17
Not computed-----	825	546	305	148	79	14	279	123	108	27	21
HEATING EQUIPMENT											
Steam or hot water-----	4 344	4 218	1 212	2 114	784	108	126	29	78	15	4
Warm-air furnace-----	2 899	2 834	1 166	1 310	300	58	65	34	16	5	10
Built-in electric units-----	700	700	283	357	60	-	-	-	-	-	-
Floor, wall, or pipeless furnace-----	797	780	298	374	95	13	17	-	11	-	6
Other means-----	10 214	8 451	3 317	3 471	1 218	445	1 763	680	651	239	193
None-----	133	98	32	48	4	14	35	17	14	-	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-15. Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

The SMSA

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	16 682	13	66	443	2 426	4 986	4 242	2 585	1 921	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	15 022	--	21	306	1 800	4 620	3 955	2 528	1 792	5.7
PERSONS										
1 person	1 924	6	22	198	445	622	397	134	100	5.0
2 persons	4 205	--	26	121	916	1 368	840	546	388	5.3
3 persons	3 131	--	9	27	466	1 076	846	407	300	5.5
4 persons	2 518	--	--	27	266	766	709	434	316	5.8
5 persons	1 915	7	5	24	139	502	580	361	297	6.0
6 persons or more	2 989	--	4	46	194	652	870	703	520	6.2
Median	3.2	...	...	1.7	2.3	3.0	3.6	4.0	4.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	15 057	--	24	337	1 826	4 627	3 909	2 496	1 838	5.7
0.50 or less	7 259	--	5	156	1 051	1 878	1 952	1 046	1 171	5.8
0.51 to 1.00	6 320	--	6	119	568	2 196	1 587	1 251	593	5.7
1.01 to 1.50	1 264	--	9	22	157	494	337	171	74	5.4
1.51 or more	214	--	4	40	50	59	33	28	--	4.7
Lacking some or all plumbing facilities	1 625	13	42	106	600	359	333	89	83	4.6
0.50 or less	699	--	17	42	310	112	131	41	46	4.4
0.51 to 1.00	570	6	20	29	164	148	132	43	28	4.9
1.01 to 1.50	206	--	5	7	77	57	53	5	9	4.9
1.51 or more	150	7	5	30	49	42	17	--	--	4.2
BEDROOMS										
None and 1	900	42	14	248	382	120	19	18	57	3.9
2	5 948	--	--	169	1 806	3 019	696	187	71	4.8
3	6 636	--	--	--	113	1 907	2 939	1 042	635	5.9
4 or more	3 133	--	--	--	--	108	486	1 146	1 393	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	196	--	--	4	19	52	50	24	47	6.0
1960 to 1968	2 245	--	13	34	231	901	497	311	258	5.4
1950 to 1959	3 244	6	--	35	489	1 284	817	448	165	5.4
1949 or earlier	10 997	7	53	370	1 687	2 749	2 878	1 802	1 451	5.7
COMPLETE BATHROOMS										
1 and 1 1/2	13 174	--	10	255	1 711	4 527	3 677	1 969	1 025	5.5
2 or more	1 886	--	11	51	94	100	292	564	774	7.2
None or also used by another household	1 737	--	56	152	602	372	353	109	93	4.7
VALUE-INCOME RATIO										
Specified owner occupied ¹	14 868	6	25	334	1 894	4 541	3 963	2 444	1 661	5.7
Less than 1.5	6 681	6	20	95	839	1 938	2 003	1 047	733	5.7
1.5 to 1.9	2 552	--	5	45	319	811	561	471	340	5.7
2.0 to 2.9	2 569	--	--	65	308	861	621	496	218	5.6
3.0 or more	2 801	--	--	123	403	847	723	396	309	5.5
Not computed	265	--	--	6	25	84	55	34	61	5.8
Renter occupied housing units	19 087	181	447	3 796	8 353	3 497	1 914	565	334	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	16 467	28	272	3 013	7 605	3 104	1 644	517	284	4.1
PERSONS										
1 person	3 600	157	255	1 497	1 229	337	91	20	14	3.4
2 persons	4 599	24	98	1 223	2 369	593	181	72	39	3.9
3 persons	3 426	--	30	546	1 999	542	226	50	33	4.1
4 persons	2 578	--	35	274	1 437	535	220	31	46	4.2
5 persons	1 823	--	9	127	683	615	246	95	48	4.7
6 persons or more	3 061	--	20	129	636	875	950	297	154	5.4
Median	2.9	1.1	1.4	1.8	2.8	4.0	5.5	5.7	5.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	17 081	72	289	3 156	7 804	3 186	1 758	519	297	4.1
0.50 or less	6 308	--	171	1 232	3 345	851	453	129	127	4.0
0.51 to 1.00	7 674	67	60	1 514	3 298	1 557	756	277	145	4.2
1.01 to 1.50	2 461	--	25	222	929	681	509	77	18	4.6
1.51 or more	638	5	33	188	232	97	40	36	7	3.9
Lacking some or all plumbing facilities	2 006	109	158	640	549	311	156	46	37	3.7
0.50 or less	760	--	84	265	253	79	45	13	21	3.6
0.51 to 1.00	770	90	38	255	138	135	65	33	16	3.5
1.01 to 1.50	259	--	5	52	104	57	41	--	--	4.2
1.51 or more	217	19	31	68	54	40	5	--	--	3.4
BEDROOMS										
None	201	183	18	--	--	--	--	--	--	...
1	3 839	--	358	2 500	866	99	16	--	--	3.1
2	9 935	--	--	1 030	7 451	1 315	121	18	--	4.0
3 or more	5 236	--	--	--	376	2 118	2 005	410	327	5.6
YEAR STRUCTURE BUILT										
1969 to March 1970	561	--	--	69	302	121	54	11	4	4.2
1960 to 1968	3 406	10	117	330	2 385	433	102	16	13	4.0
1950 to 1959	3 019	18	26	425	1 478	644	349	74	5	4.2
1949 or earlier	12 101	153	304	2 972	4 188	2 299	1 409	464	312	4.1
COMPLETE BATHROOMS										
and 1 1/2	16 196	58	272	3 065	7 538	3 106	1 574	409	174	4.1
or more	540	11	--	61	97	38	108	115	110	6.1
None or also used by another household	2 318	108	178	793	608	323	188	55	65	3.6
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	18 470	181	441	3 723	8 071	3 355	1 845	542	312	4.1
Less than 10 percent	1 022	33	19	150	399	254	122	41	4	4.3
10 to 14 percent	2 361	37	30	413	1 152	413	222	53	41	4.1
15 to 19 percent	2 775	12	66	494	1 273	527	292	74	37	4.1
20 to 24 percent	2 566	40	57	453	1 182	487	253	80	14	4.1
25 to 34 percent	3 019	15	72	552	1 382	531	321	109	37	4.1
35 percent or more	5 902	39	155	1 490	2 401	1 007	543	138	129	4.0
Not computed	825	5	42	171	282	136	92	47	50	4.2

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

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

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

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units -----	16 682	15 696	775	211	19 087	8 483	4 455	2 580	1 892	1 092	577	8
ROOMS												
1 room -----	13	13	-	-	181	9	33	46	48	15	30	-
2 rooms -----	66	51	9	6	447	125	55	107	60	29	71	-
3 rooms -----	443	357	70	16	3 796	1 227	1 307	768	245	167	78	4
4 rooms -----	2 426	2 024	277	125	8 353	2 974	1 913	1 362	1 028	738	334	4
5 rooms -----	4 986	4 759	168	59	3 497	1 650	858	234	395	108	52	-
6 rooms -----	4 242	4 139	103	-	1 914	1 519	207	54	91	31	12	-
7 rooms -----	2 585	2 555	30	-	565	496	54	4	11	-	-	-
8 rooms or more -----	1 921	1 798	118	5	334	283	28	5	14	4	-	-
Median -----	5.6	5.7	4.7	4.2	4.1	4.5	3.9	3.8	4.1	4.0	3.8	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities -----	15 057	14 246	699	112	17 081	7 244	4 104	2 335	1 784	1 060	554	-
0.50 or less -----	7 259	6 805	418	36	6 308	2 283	1 701	1 019	599	467	239	-
0.51 to 1.00 -----	6 320	6 017	244	59	7 674	3 423	1 659	940	887	492	273	-
1.01 to 1.50 -----	1 264	1 220	33	11	2 461	1 273	526	272	268	91	31	-
1.51 or more -----	214	204	4	6	638	265	218	104	30	10	11	-
Lacking some or all plumbing facilities -----	1 425	1 450	74	99	2 006	1 239	351	245	108	32	23	8
0.50 or less -----	699	652	38	9	760	449	166	86	35	16	6	-
0.51 to 1.00 -----	570	517	24	29	770	433	138	116	51	11	17	4
1.01 to 1.50 -----	206	153	8	45	259	204	25	15	11	-	-	4
1.51 or more -----	150	128	6	16	217	153	22	26	11	5	-	-
BEDROOMS												
None -----	42	42	-	-	201	20	-	108	46	27	-	-
1 -----	858	713	128	17	3 839	1 193	1 081	939	431	137	58	-
2 -----	5 948	5 436	383	129	9 935	3 852	2 276	1 521	1 122	775	374	15
3 -----	6 636	6 330	238	68	3 848	2 430	637	180	455	146	-	-
4 or more -----	3 133	3 017	116	-	1 388	1 103	119	47	119	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970 -----	196	170	-	26	561	111	27	54	181	150	38	-
1965 to 1968 -----	818	713	47	58	1 648	490	69	135	324	390	240	-
1960 to 1964 -----	1 427	1 358	26	43	1 758	638	116	399	293	174	130	8
1950 to 1959 -----	3 244	3 125	74	45	3 019	1 678	344	313	571	315	38	-
1940 to 1949 -----	3 411	3 285	112	14	2 762	1 395	653	311	213	140	50	-
1939 or earlier -----	7 586	7 045	516	25	9 339	4 171	3 246	1 368	310	163	81	-
INCOME IN 1969												
Less than \$2,000 -----	2 064	1 866	181	17	4 223	1 916	1 056	593	409	170	79	-
\$2,000 to \$2,999 -----	1 107	980	106	21	2 426	1 059	624	338	238	87	76	4
\$3,000 to \$3,999 -----	1 062	966	64	32	2 297	1 005	515	367	276	111	23	-
\$4,000 to \$4,999 -----	1 096	1 035	40	21	2 087	949	496	274	188	113	63	4
\$5,000 to \$5,999 -----	1 263	1 145	81	37	1 843	810	422	313	127	112	59	-
\$6,000 to \$6,999 -----	1 233	1 163	55	15	1 403	638	279	169	203	74	40	-
\$7,000 to \$9,999 -----	3 748	3 604	93	51	2 908	1 228	715	345	215	243	162	-
\$10,000 to \$14,999 -----	3 577	3 454	106	17	1 513	672	283	157	195	143	63	-
\$15,000 to \$24,999 -----	1 372	1 323	49	-	326	175	54	18	41	31	7	-
\$25,000 or more -----	160	160	-	-	61	31	11	6	-	8	5	-
Median -----	\$7 400	\$7 600	\$4 900	\$5 400	\$4 300	\$4 300	\$4 100	\$4 000	\$4 100	\$5 600	\$5 800	-
YEAR MOVED INTO UNIT												
1969 to March 1970 -----	1 474	1 300	116	58	5 660	2 089	1 189	751	723	586	322	-
1968 -----	1 425	1 329	63	33	2 597	1 140	481	332	315	215	114	-
1967 -----	1 033	980	31	22	1 862	806	448	297	190	66	55	-
1965 and 1966 -----	2 053	1 922	77	54	2 843	1 272	707	405	268	147	44	-
1960 to 1964 -----	2 740	2 643	90	7	2 902	1 414	791	381	187	96	25	8
1950 to 1959 -----	4 318	4 099	193	26	2 033	1 091	568	217	116	6	35	-
1949 or earlier -----	3 754	3 600	154	-	1 157	603	352	161	19	6	16	-
GROSS RENT												
Specified renter occupied¹ -----	...	...	...	...	18 470	7 866	4 455	2 580	1 892	1 092	577	8
Less than \$50 -----	...	...	...	...	1 142	551	157	113	211	73	37	-
\$50 to \$59 -----	...	...	...	...	1 426	718	222	173	246	49	18	-
\$60 to \$69 -----	...	...	...	...	1 819	814	425	280	226	48	22	4
\$70 to \$79 -----	...	...	...	...	1 703	726	539	274	81	52	31	-
\$80 to \$99 -----	...	...	...	...	4 328	1 414	1 413	880	288	229	104	-
\$100 to \$119 -----	...	...	...	...	4 224	1 510	1 058	633	491	322	210	-
\$120 to \$149 -----	...	...	...	...	2 658	1 273	459	209	303	283	131	-
\$150 to \$199 -----	...	...	...	...	663	437	111	14	46	31	24	-
\$200 to \$299 -----	...	...	...	...	87	58	20	4	-	5	-	-
\$300 or more -----	...	...	...	...	-	-	-	-	-	-	-	4
No cash rent -----	...	...	...	...	420	365	51	-	-	-	-	-
Median -----	...	...	...	...	\$94	\$93	\$92	\$90	\$94	\$106	\$107	-
HEATING EQUIPMENT												
Steam or hot water -----	4 019	3 729	286	4	4 344	1 973	736	451	839	247	98	-
Warm-air furnace -----	4 133	3 908	137	88	2 899	946	256	346	510	541	300	-
Built-in electric units -----	642	623	8	11	700	272	42	95	104	94	93	-
Floor, wall, or pipeless furnace -----	2 244	2 208	24	12	797	380	115	150	71	66	15	-
Other means -----	5 617	5 201	320	96	10 214	4 841	3 266	1 516	368	144	71	8
None -----	27	27	-	-	133	71	40	22	-	-	-	-
AIR CONDITIONING												
Room unit(s) -----	5 210	4 982	155	73	2 342	784	430	394	309	227	198	-
Central system -----	697	665	19	13	756	258	19	23	155	194	107	-
None -----	10 890	10 226	550	114	15 956	7 373	4 087	2 127	1 354	701	306	8
AUTOMOBILES AVAILABLE												
1 -----	8 074	7 682	310	82	5 782	2 475	1 288	724	554	452	281	8
2 -----	3 562	3 430	99	33	862	419	159	84	76	70	54	-
3 or more -----	435	406	18	11	87	55	26	-	-	6	-	
None -----	4 726	4 355	297	74	12 323	5 466	3 063	1 736	1 188	594	276	-

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

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

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

The SMSA

	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	16 682	216	1 712	2 653	5 068	1 523	587	211	1 930	858	1 083	841
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	15 057	183	1 602	2 519	4 685	1 343	493	163	1 730	727	924	688
0.50 or less	7 259	52	375	533	2 143	920	249	97	829	449	924	688
0.51 to 1.00	6 320	110	982	1 505	2 108	362	186	61	771	235	-	-
1.01 to 1.50	1 264	21	216	403	371	57	44	-	115	37	-	-
1.51 or more	214	-	29	78	63	4	14	-	15	6	-	-
Lacking some or all plumbing facilities	1 625	33	110	134	383	180	94	48	200	131	159	153
0.50 or less	699	4	6	17	114	91	11	20	58	72	153	153
0.51 to 1.00	570	5	54	70	153	89	38	17	89	49	6	-
1.01 to 1.50	206	24	34	18	47	35	11	32	5	5	-	-
1.51 or more	150	-	16	29	69	-	10	-	21	5	-	-
UNITS IN STRUCTURE												
1	15 696	175	1 568	2 536	4 930	1 421	528	196	1 827	796	965	754
2 or more	775	21	45	101	122	86	36	15	91	62	114	82
Mobile home or trailer	211	20	99	16	16	16	23	-	12	-	4	5
INCOME IN 1969												
Less than \$2,000	2 064	11	11	40	128	286	33	56	319	244	347	589
\$2,000 to \$2,999	1 107	14	25	32	142	226	15	50	209	109	143	142
\$3,000 to \$3,999	1 062	4	16	49	233	166	56	22	193	121	154	48
\$4,000 to \$4,999	1 096	21	87	87	239	174	69	-	195	72	127	25
\$5,000 to \$5,999	1 263	43	101	131	416	120	64	9	205	78	79	17
\$6,000 to \$6,999	1 233	20	121	190	437	140	54	11	172	37	51	-
\$7,000 to \$9,999	3 748	47	601	850	1 331	203	160	28	274	114	134	6
\$10,000 to \$14,999	3 577	48	567	939	1 384	140	99	11	271	56	48	14
\$15,000 to \$24,999	1 372	8	183	309	650	51	37	24	87	23	-	-
\$25,000 or more	160	-	-	26	108	17	-	-	5	4	-	-
Median	\$7 400	\$6 800	\$9 500	\$9 800	\$9 100	\$4 500	\$7 000	\$3 000	\$5 200	\$3 600	\$3 300	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	14 868	167	1 530	2 470	4 680	1 264	485	169	1 728	738	936	701
Less than 1.5	6 681	79	816	1 398	2 729	809	238	52	568	200	163	29
1.5 to 1.9	2 552	25	350	618	804	184	75	5	274	88	100	29
2.0 to 2.4	1 685	18	190	232	528	136	68	14	263	66	126	43
2.5 to 2.9	884	24	106	92	208	121	23	9	130	66	72	33
3.0 to 3.9	883	15	45	62	147	136	46	22	135	75	132	68
4.0 or more	1 918	-	23	67	233	263	25	62	297	223	270	455
Not computed	265	6	-	-	31	15	10	5	61	20	73	44
Renter occupied housing units	19 087	1 268	2 305	1 432	2 334	532	962	255	5 819	580	2 622	978
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	17 081	1 208	2 128	1 292	1 978	442	810	209	5 502	484	2 279	749
0.50 or less	6 308	246	274	219	554	204	344	79	1 204	223	2 228	733
0.51 to 1.00	7 674	786	1 240	590	972	180	416	107	3 102	214	51	16
1.01 to 1.50	2 461	139	499	384	295	53	34	14	1 009	34	-	-
1.51 or more	638	37	115	99	157	5	16	9	187	13	-	-
Lacking some or all plumbing facilities	2 006	60	177	140	356	90	152	46	317	96	343	229
0.50 or less	760	4	21	12	84	29	28	51	26	257	225	225
0.51 to 1.00	770	38	85	40	156	45	100	18	155	43	86	4
1.01 to 1.50	259	12	44	45	73	6	10	52	17	7	-	-
1.51 or more	217	6	27	43	43	10	19	-	59	10	-	-
UNITS IN STRUCTURE												
1	8 483	350	907	737	1 282	270	424	133	2 914	333	783	350
2 to 4	7 035	416	791	510	846	227	367	111	1 826	185	1 283	473
5 to 19	2 984	382	492	161	190	35	140	11	936	62	450	125
20 or more	577	116	115	24	16	-	31	-	139	-	106	30
Mobile home or trailer	8	4	-	-	-	-	-	-	4	-	-	-
GROSS RENT												
Specified renter occupied ²	18 470	1 237	2 222	1 383	2 262	508	941	241	5 572	564	2 588	952
Less than \$50	1 142	23	41	40	82	23	61	18	413	72	196	173
\$50 to \$59	1 426	38	49	46	143	25	62	20	663	43	183	154
\$60 to \$69	1 819	43	94	97	210	43	100	23	655	67	329	158
\$70 to \$79	1 703	48	128	102	205	81	94	45	429	59	374	138
\$80 to \$99	4 328	334	566	310	557	120	196	55	1 152	126	727	185
\$100 to \$119	4 224	398	676	389	534	102	238	42	1 238	117	441	49
\$120 to \$149	2 658	301	550	276	309	64	119	25	696	39	260	19
\$150 to \$199	663	41	82	77	118	16	32	-	234	21	29	13
\$200 to \$299	87	7	11	15	11	-	14	-	24	-	5	-
\$300 or more	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent	420	4	25	31	93	34	25	13	68	20	44	63
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	18 470	1 237	2 222	1 383	2 262	508	941	241	5 572	564	2 588	952
Less than \$5,000	10 670	378	392	345	871	357	449	189	4 248	478	2 036	927
Less than 20 percent	808	49	25	61	100	13	47	21	305	33	117	37
20 to 24 percent	1 107	43	65	68	110	57	41	-	469	41	181	32
25 to 34 percent	2 277	77	128	79	267	78	148	25	914	81	404	76
35 percent or more	5 818	198	152	127	364	182	186	130	2 333	283	1 178	685
Not computed	660	11	22	10	30	27	27	13	227	40	156	97
\$5,000 to \$9,999	5 962	691	1 275	707	1 024	132	419	36	1 077	75	508	18
Less than 20 percent	3 592	376	786	463	647	69	248	21	598	47	332	5
20 to 24 percent	1 437	228	342	136	220	18	84	15	267	14	100	13
25 to 34 percent	742	84	137	85	96	35	51	-	176	9	69	-
35 percent or more	84	3	5	15	14	-	11	-	36	-	-	-
Not computed	107	-	5	8	47	10	25	-	-	5	7	-
\$10,000 to \$14,999	1 458	132	475	278	248	13	63	16	171	11	44	7
Less than 20 percent	1 385	128	452	265	226	10	59	16	167	11	44	7
20 to 24 percent	22	-	8	-	6	-	4	-	4	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	51	4	15	13	16	3	-	-	-	-	-	-
\$15,000 or more	380	36	80	53	119	6	10	-	76	-	-	-
Less than 20 percent	373	36	80	53	119	6	10	-	69	-	-	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	7	-	-	-	-	-	-	-	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-18. Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	16 682	1 924	4 205	3 131	2 518	1 915	1 328	992	669	3.2
BEDROOMS										
None and 1	900	389	378	32	38	37	—	26	—	1.7
2	5 948	933	2 152	1 515	724	253	259	92	20	2.4
3	6 636	359	1 083	1 129	1 410	1 185	778	446	246	4.0
4 or more	3 133	148	366	330	520	555	477	443	294	4.9
YEAR STRUCTURE BUILT										
1969 to March 1970	196	9	38	45	53	29	4	—	18	3.6
1965 to 1968	818	70	140	158	190	120	72	36	32	3.7
1960 to 1964	1 427	108	272	324	257	178	165	74	49	3.5
1950 to 1959	3 244	257	689	659	544	454	305	240	86	3.5
1940 to 1949	3 411	304	922	623	564	349	269	242	138	3.3
1939 or earlier	7 586	1 176	2 144	1 322	910	775	513	400	346	2.9
UNITS IN STRUCTURE										
1	15 696	1 719	3 940	2 989	2 352	1 836	1 273	941	646	3.2
2 or more	775	196	219	120	120	37	38	32	13	2.4
Mobile home or trailer	211	9	46	22	46	42	17	19	10	4.1
COMPLETE BATHROOMS										
1 and 1 1/2	13 174	1 440	3 454	2 592	2 023	1 455	999	796	415	3.2
2 and 2 1/2	1 771	153	413	327	258	246	153	72	149	3.5
3 or more	115	5	36	19	9	20	26	—	—	...
None or also used by another household	1 737	347	397	242	192	169	112	123	155	3.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	14 758	...	4 205	3 131	2 518	1 915	1 328	992	669	3.5
Male head, wife present, no nonrelatives	11 172	...	2 937	2 299	2 020	1 517	1 096	762	541	3.7
Under 25 years	216	...	38	58	69	20	22	4	5	3.7
25 to 34 years	1 712	...	203	360	464	293	186	117	89	4.1
35 to 44 years	2 653	...	259	497	552	471	396	288	190	4.5
45 to 64 years	5 068	...	1 570	1 099	807	606	409	324	253	3.4
65 years and over	1 523	...	867	285	128	127	83	29	4	2.4
Other male head	798	...	248	213	80	96	71	55	35	3.2
Under 65 years	587	...	159	146	60	82	66	44	30	3.4
65 years and over	211	...	89	67	20	14	5	11	5	2.7
Female head	2 788	...	1 020	619	418	302	161	175	93	3.1
Under 65 years	1 930	...	637	416	322	228	117	131	79	3.3
65 years and over	858	...	383	203	96	74	44	44	14	2.7
One-person households	1 924	1 924	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied¹	14 868	1 637	3 686	2 881	2 240	1 757	1 180	882	605	3.2
Less than 1.5	6 681	192	1 391	1 430	1 203	892	725	479	369	3.8
1.5 to 1.9	2 552	129	649	530	417	390	188	150	99	3.4
2.0 to 2.4	1 685	169	442	328	282	190	98	97	79	3.2
2.5 to 2.9	884	105	240	178	123	100	73	39	26	3.0
3.0 to 3.9	883	200	283	155	71	64	30	58	22	2.4
4.0 or more	1 918	725	603	236	131	108	66	39	10	1.9
Not computed	265	117	78	24	13	13	—	20	—	1.7
Renter occupied housing units	19 087	3 600	4 599	3 426	2 578	1 823	1 345	1 044	672	2.9
BEDROOMS										
None	201	163	38	—	—	—	—	—	—	...
1	3 839	1 643	1 298	578	202	30	52	21	15	1.7
2	9 935	1 501	3 061	2 231	1 591	925	430	153	43	2.7
3 or more	5 236	285	403	649	848	592	876	1 078	505	5.2
YEAR STRUCTURE BUILT										
1969 to March 1970	561	96	121	136	95	37	40	21	15	3.0
1965 to 1968	1 648	239	502	476	273	77	71	10	—	2.7
1960 to 1964	1 758	249	441	318	343	174	91	110	32	3.1
1950 to 1959	3 019	364	577	640	539	351	232	184	132	3.4
1940 to 1949	2 762	485	682	515	372	267	197	163	81	2.9
1939 or earlier	9 339	2 167	2 276	1 341	956	917	714	556	412	2.7
UNITS IN STRUCTURE										
1	8 483	1 133	1 805	1 417	1 203	904	789	718	514	3.4
2	4 455	1 063	1 220	725	498	425	275	152	97	2.5
3 and 4	2 580	693	656	484	356	183	91	98	19	2.4
5 to 9	1 892	368	393	414	286	198	141	65	27	2.9
10 to 19	1 092	207	325	288	142	93	22	5	10	2.5
20 or more	577	136	200	94	89	20	27	6	5	2.3
Mobile home or trailer	8	—	—	4	—	—	—	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	16 196	2 908	3 903	3 065	2 303	1 614	1 102	802	499	2.9
2 or more	540	70	67	67	74	87	63	48	64	4.4
None or also used by another household	2 318	651	551	279	228	179	151	136	143	2.4
HOUSEHOLD COMPOSITION										
Two-or-more-person households	15 487	...	4 599	3 426	2 578	1 823	1 345	1 044	672	3.4
Male head, wife present, no nonrelatives	7 871	...	2 075	1 759	1 345	893	761	637	401	3.6
Under 25 years	1 268	...	317	533	226	137	34	21	—	3.1
25 to 34 years	2 305	...	367	599	548	309	238	172	72	3.8
35 to 44 years	1 432	...	237	189	233	191	221	202	159	4.8
45 to 64 years	2 334	...	795	382	298	237	262	206	154	3.5
65 years and over	532	...	359	56	40	19	36	16	8	2.2
Other male head	1 217	...	632	293	119	114	21	30	8	2.5
Under 65 years	962	...	479	238	114	87	21	15	8	2.5
65 years and over	255	...	153	55	5	27	—	—	—	2.3
Female head	6 399	...	1 892	1 374	1 114	816	563	377	263	3.5
Under 65 years	5 819	...	1 562	1 290	1 027	800	540	352	248	3.6
65 years and over	580	...	330	84	87	16	23	25	15	2.4
One-person households	3 600	3 600	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	18 470	3 540	4 472	3 292	2 474	1 768	1 297	1 008	619	2.9
Less than 10 percent	1 022	92	249	140	173	122	108	92	46	3.7
10 to 14 percent	2 361	151	543	544	368	271	205	161	118	3.4
15 to 19 percent	2 775	299	608	618	458	285	225	175	107	3.3
20 to 24 percent	2 566	326	648	484	392	270	213	143	90	3.1
25 to 34 percent	3 019	549	687	571	428	307	213	173	91	3.0
35 percent or more	5 902	1 863	1 534	825	599	447	288	211	135	2.2
Not computed	825	260	203	110	56	66	45	53	32	2.3

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-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]

Richmond	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	41 479	1 656	1 737	2 821	3 110	8 173	9 507	8 640	4 316	662	138	719	106
ROOMS													
1 room	1 265	388	121	258	57	56	252	35	75	-	10	13	65
2 rooms	1 902	105	165	250	265	412	299	289	92	5	-	20	86
3 rooms	8 479	483	552	913	1 236	2 054	1 576	1 037	474	69	17	68	88
4 rooms	16 061	449	687	632	1 043	3 412	4 307	3 836	1 434	151	11	99	108
5 rooms	8 585	131	155	474	383	1 665	2 052	2 248	1 225	92	21	139	114
6 rooms	3 267	86	48	249	103	433	673	765	644	133	6	127	119
7 rooms	1 209	7	4	40	18	109	244	291	235	145	49	67	135
8 rooms or more	711	7	5	5	5	32	104	139	137	67	24	186	143
Median	4.1	3.2	3.5	3.5	3.5	4.0	4.1	4.3	4.6	5.6	6.6	5.7	...
PERSONS													
1 person	12 437	796	550	1 214	1 434	2 651	2 444	1 935	995	146	49	223	95
2 persons	12 247	415	425	554	834	2 392	2 814	2 912	1 457	181	55	208	110
3 persons	6 569	153	338	240	323	1 322	1 662	1 634	698	66	10	123	110
4 persons	4 152	98	232	183	200	810	1 055	944	449	106	5	70	111
5 persons	2 624	88	82	193	170	406	638	567	324	68	14	74	111
6 persons or more	3 450	106	110	437	149	592	894	648	393	95	5	21	107
Median	2.2	1.6	2.2	1.9	1.6	2.1	2.3	2.3	2.3	2.6	1.9	2.2	...
Units with roomers, boarders, or lodgers	2 005	92	76	110	144	400	455	453	200	40	9	26	107
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	20 555	574	501	1 069	1 754	4 241	4 536	4 545	2 366	373	99	661	108
0.51 to 1.00	14 950	559	804	877	853	2 838	3 713	3 266	1 643	224	29	144	108
1.01 to 1.50	3 157	90	164	386	197	564	899	559	218	65	-	15	104
1.51 or more	823	27	42	75	81	206	161	152	64	-	10	5	98
Median	1 994	406	226	414	225	324	198	118	25	-	-	58	68
Lacking some or all plumbing facilities													
0.50 or less	803	77	125	160	110	134	68	69	14	-	-	46	72
0.51 to 1.00	906	285	96	224	79	98	80	26	11	-	-	7	63
1.01 to 1.50	125	5	-	6	15	56	24	19	-	-	-	-	94
1.51 or more	160	39	5	24	21	36	26	4	-	-	-	5	75
BEDROOMS													
None	1 300	476	100	305	81	-	198	24	93	-	-	23	62
1	11 529	454	537	1 236	1 493	2 976	2 286	1 769	602	48	-	128	93
2	20 413	461	758	661	1 176	4 002	5 178	5 442	2 188	346	83	118	112
3 or more	8 258	190	209	753	318	1 340	1 495	1 680	1 389	438	36	410	115
YEAR STRUCTURE BUILT													
1969 to March 1970	1 357	9	14	70	16	108	165	535	394	19	10	17	136
1965 to 1968	4 769	10	22	54	27	306	1 254	1 936	959	140	26	35	131
1960 to 1964	4 726	85	137	176	87	376	1 282	1 499	893	112	32	47	124
1950 to 1959	5 000	500	530	435	247	702	919	771	565	109	15	104	99
1940 to 1949	5 763	302	265	323	382	1 199	1 529	1 164	410	65	11	113	105
1939 or earlier	19 967	750	769	1 763	2 351	5 482	4 358	2 735	1 095	217	44	403	95
ELEVATOR IN STRUCTURE													
4 floors or more	1 780	-	-	117	80	205	276	267	461	291	83	-	144
With elevator	1 585	-	-	69	54	163	257	227	441	291	83	-	153
Walk-up	195	-	-	48	26	42	19	40	20	-	-	-	...
1 to 3 floors	39 720	1 581	1 604	2 838	2 988	8 113	8 881	8 648	3 811	541	36	679	105
COMPLETE BATHROOMS													
1 and 1 1/2	37 473	1 248	1 443	2 327	2 850	7 541	9 041	8 123	3 975	374	38	513	107
2 or more	1 612	22	34	57	42	109	260	287	307	252	100	142	142
None or also used by another household	2 404	445	303	411	271	431	278	146	50	6	-	63	70
INCOME IN 1969													
Less than \$2,000	7 407	691	649	925	901	1 523	1 243	883	377	73	24	118	85
\$2,000 to \$2,999	3 870	309	398	452	369	922	707	437	195	24	-	57	88
\$3,000 to \$3,999	3 976	218	292	427	379	943	811	584	222	36	-	64	94
\$4,000 to \$4,999	4 042	178	104	328	394	925	1 086	710	257	15	5	40	101
\$5,000 to \$5,999	3 782	78	74	160	282	931	984	873	308	35	4	57	107
\$6,000 to \$6,999	3 443	70	98	131	194	754	1 025	853	251	36	4	27	109
\$7,000 to \$9,999	7 559	89	86	258	385	1 292	2 090	2 115	966	112	20	146	115
\$10,000 to \$14,999	5 115	16	30	100	182	715	1 230	1 602	1 011	113	5	111	124
\$15,000 to \$24,999	1 855	7	6	40	19	125	282	508	591	161	37	79	144
\$25,000 or more	430	-	-	-	5	43	49	75	138	57	43	20	162
Median	\$5 400	\$2 400	\$2 600	\$3 100	\$3 800	\$4 800	\$5 900	\$7 000	\$8 700	\$10 000	\$18 000	\$6 900	...
YEAR MOVED INTO UNIT													
1969 to March 1970	15 207	482	588	761	682	2 537	3 568	3 989	2 103	300	61	136	114
1968	5 905	194	232	309	357	974	1 572	1 377	702	116	13	59	111
1967	3 965	138	167	275	314	810	930	803	415	56	6	51	105
1965 and 1966	5 190	159	228	322	614	1 049	1 276	928	442	72	38	62	103
1960 to 1964	5 323	350	275	503	507	1 112	1 177	824	378	28	6	163	97
1950 to 1959	4 018	280	187	384	451	1 138	756	461	181	40	14	126	91
1949 or earlier	1 881	112	103	241	238	461	300	174	111	20	-	121	88
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	2 514	288	128	257	258	513	430	371	222	31	16	...	91
10 to 14 percent	6 342	285	190	358	491	1 389	1 546	1 288	686	100	21	...	106
15 to 19 percent	7 084	277	190	412	451	1 387	1 873	1 630	753	100	11	...	109
20 to 24 percent	5 917	215	299	307	345	1 082	1 391	1 472	687	101	18	...	110
25 to 34 percent	6 319	157	306	429	401	1 137	1 640	1 456	681	98	14	...	109
35 percent or more	11 768	381	569	962	1 069	2 460	2 492	2 316	1 227	234	58	...	104
Not computed	1 535	53	55	96	95	205	135	107	60	10	-	719	89
AIR CONDITIONING													
Room unit(s)	9 522	87	107	303	615	1 706	2 928	2 205	1 008	220	46	297	112
Central system	6 779	-	25	6	21	261	1 063	2 941	2 124	198	68	72	140
None	25 188	1 628	1 648	2 486	2 527	6 114	5 588	3 410	1 200	214	24	349	93

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]

Richmond	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	40 618	40 095	25 489	12 937	1 468	201	523	350	126	19	28
PERSONS											
1 person	5 527	5 342	5 320	22	-	-	185	185	-	-	-
2 persons	13 318	13 207	12 946	238	-	23	111	106	5	-	-
3 persons	7 779	7 690	5 043	2 633	14	-	89	39	50	-	-
4 persons	6 371	6 312	1 611	4 669	32	-	59	-	54	5	-
5 persons	3 716	3 676	569	2 922	149	36	40	20	7	14	18
6 persons or more	3 907	3 868	-	2 453	1 273	142	39	-	7	-	10
Median	2.7	2.7	2.1	4.3	6.8	7.5	2.2	1.4	3.6	...	...
Units with roomers, boarders, or lodgers	1 857	1 793	1 004	682	92	15	64	39	11	4	10
YEAR STRUCTURE BUILT											
1969 to March 1970	255	255	127	128	-	-	-	-	-	-	-
1965 to 1968	2 549	2 528	1 383	1 056	89	-	21	13	-	8	-
1960 to 1964	3 465	3 452	1 916	1 434	97	5	13	13	-	-	-
1950 to 1959	9 689	9 649	5 658	3 617	345	29	40	23	12	-	5
1940 to 1949	7 916	7 869	5 065	2 430	343	31	47	25	22	-	-
1939 or earlier	16 725	16 345	11 326	4 223	656	140	380	272	72	12	24
INCOME IN 1969											
Less than \$2,000	3 357	3 166	2 749	374	28	15	191	181	5	5	-
\$2,000 to \$2,999	1 850	1 790	1 497	251	32	10	60	54	6	-	-
\$3,000 to \$3,999	1 873	1 824	1 453	318	38	15	49	29	20	-	-
\$4,000 to \$4,999	1 972	1 955	1 533	367	55	-	17	4	4	-	9
\$5,000 to \$5,999	2 154	2 127	1 505	507	105	10	27	10	8	9	-
\$6,000 to \$6,999	2 298	2 286	1 444	710	109	23	12	7	-	-	5
\$7,000 to \$9,999	7 836	7 771	4 112	3 134	460	65	65	27	24	-	14
\$10,000 to \$14,999	10 224	10 160	5 209	4 465	440	46	64	26	33	5	-
\$15,000 to \$24,999	6 298	6 272	3 893	2 180	186	13	26	5	21	-	-
\$25,000 or more	2 756	2 744	2 094	631	15	4	12	7	5	-	-
Median	\$9 600	\$9 700	\$8 900	\$10 900	\$9 400	\$8 300	\$3 200	\$2000-	\$9 500	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹											
Less than 1.5	37 336	36 964	23 459	12 013	1 314	178	372	239	96	14	23
1.5 to 1.9	15 189	15 036	7 930	6 249	751	106	153	59	62	9	23
2.0 to 2.4	7 443	7 413	4 354	2 715	306	38	30	18	12	-	-
2.5 to 2.9	4 585	4 555	2 983	1 443	114	15	30	18	12	-	-
3.0 to 3.9	2 513	2 499	1 839	594	56	10	14	4	10	-	-
4.0 or more	2 378	2 344	1 854	457	24	9	34	29	-	5	-
Not computed	4 834	4 744	4 165	516	63	-	90	90	-	-	-
	394	373	334	39	-	-	21	21	-	-	-
HEATING EQUIPMENT											
Steam or hot water	16 245	16 161	11 661	4 145	322	33	84	61	23	-	-
Warm-air furnace	12 581	12 530	7 578	4 542	371	39	51	31	15	5	-
Built-in electric units	1 441	1 436	755	611	70	-	5	5	-	-	-
Floor, wall, or pipeless furnace	4 569	4 519	2 331	1 863	287	38	50	36	5	5	4
Other means	5 762	5 434	3 160	1 770	413	91	328	212	83	9	24
None	20	15	4	6	5	-	5	5	-	-	-
Renter occupied housing units	42 151	40 157	20 792	15 286	3 247	832	1 994	803	906	125	160
PERSONS											
1 person	12 497	11 539	10 796	743	-	-	958	556	402	-	-
2 persons	12 458	11 940	9 004	2 884	-	52	518	225	244	-	49
3 persons	6 703	6 556	812	5 664	66	14	147	14	133	-	-
4 persons	4 272	4 156	128	3 654	333	41	116	8	64	33	11
5 persons	2 667	2 580	52	1 536	855	137	87	-	43	23	21
6 persons or more	3 554	3 386	-	805	1 993	588	168	-	20	69	79
Median	2.2	2.2	1.5	3.2	5.9	6.9	1.6	1.2	1.7	5.7	5.5
Units with roomers, boarders, or lodgers	2 005	1 885	808	915	99	63	120	19	74	13	14
YEAR STRUCTURE BUILT											
1969 to March 1970	1 340	1 332	735	555	42	-	8	8	-	-	-
1965 to 1968	4 914	4 881	2 494	2 159	201	27	33	13	20	-	-
1960 to 1964	4 797	4 745	2 517	1 868	290	70	52	23	16	-	13
1950 to 1959	5 217	5 105	1 996	2 336	636	137	112	28	64	6	14
1940 to 1949	5 948	5 715	2 976	2 162	477	100	233	109	62	31	31
1939 or earlier	19 954	18 524	10 250	6 205	1 499	570	1 430	590	661	75	104
INCOME IN 1969											
Less than \$2,000	7 529	6 751	4 341	1 936	359	115	778	431	309	17	21
\$2,000 to \$2,999	3 930	3 700	1 968	1 322	342	68	230	86	127	6	11
\$3,000 to \$3,999	4 075	3 872	1 965	1 475	338	94	203	104	80	10	9
\$4,000 to \$4,999	4 079	3 877	2 002	1 435	356	84	202	34	128	12	28
\$5,000 to \$5,999	3 850	3 702	1 830	1 378	415	79	148	36	67	12	33
\$6,000 to \$6,999	3 490	3 343	1 659	1 302	297	85	147	38	70	19	20
\$7,000 to \$9,999	7 669	7 501	3 410	3 241	645	205	168	37	55	38	38
\$10,000 to \$14,999	5 199	5 093	2 399	2 256	372	66	106	25	70	11	-
\$15,000 to \$24,999	1 895	1 883	935	811	107	30	12	12	-	-	-
\$25,000 or more	435	435	283	130	16	6	-	-	-	-	-
Median	\$5 400	\$5 500	\$5 100	\$6 100	\$5 600	\$5 700	\$3 000	\$2000-	\$3 200	\$6 300	\$5 300
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²											
Less than 10 percent	41 479	39 485	20 555	14 950	3 157	823	1 994	803	906	125	160
10 to 14 percent	2 514	2 346	1 052	1 000	230	64	168	28	115	10	15
15 to 19 percent	6 342	6 071	2 707	2 679	546	139	271	47	161	32	31
20 to 24 percent	7 084	6 860	3 110	2 989	589	172	224	71	101	12	40
25 to 34 percent	5 917	5 682	2 744	2 294	542	102	235	65	106	32	32
35 percent or more	6 319	6 109	3 213	2 241	491	164	210	76	101	16	17
Not computed	11 768	11 016	6 760	3 403	684	169	752	432	277	23	20
	1 535	1 401	969	344	75	13	134	84	45	-	5
HEATING EQUIPMENT											
Steam or hot water	15 713	15 124	8 819	5 108	1 021	176	589	129	416	15	29
Warm-air furnace	10 075	9 940	5 557	3 783	482	118	135	66	54	5	10
Built-in electric units	1 530	1 530	781	689	55	5	-	-	-	-	-
Floor, wall, or pipeless furnace	2 009	1 988	851	952	167	18	21	9	6	6	-
Other means	12 700	11 477	4 752	4 706	1 518	501	1 223	593	414	99	117
None	124	98	32	48	4	14	26	6	16	-	4

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

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

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

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

Richmond	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	40 618	45	121	765	3 812	10 365	10 305	7 351	7 854	6.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	39 854	32	84	628	3 670	10 190	10 309	7 071	7 870	6.0
PERSONS										
1 person	5 527	22	67	410	829	1 719	1 308	681	491	5.3
2 persons	13 318	23	15	228	1 667	3 996	3 387	2 136	1 866	5.7
3 persons	7 779	-	14	51	651	1 981	2 160	1 505	1 417	6.1
4 persons	6 371	-	-	37	416	1 343	1 554	1 410	1 611	6.4
5 persons	3 716	-	21	25	149	688	946	696	1 191	6.5
6 persons or more	3 907	-	4	14	100	638	950	923	1 278	6.8
Median	2.7	...	1.4	1.4	2.1	2.4	2.7	3.1	3.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	40 095	45	106	688	3 681	10 252	10 195	7 320	7 808	6.0
0.50 or less	25 489	-	57	353	2 400	5 674	6 773	4 304	5 928	6.1
0.51 to 1.00	12 937	22	15	269	1 037	3 962	3 037	2 800	1 795	5.9
1.01 to 1.50	1 468	-	14	32	211	576	362	188	85	5.3
1.51 or more	201	23	20	34	33	40	23	28	-	4.2
Lacking some or all plumbing facilities	523	-	15	77	131	113	110	31	46	4.8
0.50 or less	350	-	10	57	96	41	82	18	46	4.8
0.51 to 1.00	126	-	-	10	30	50	23	13	-	5.0
1.01 to 1.50	19	-	-	5	-	14	-	-	-	...
1.51 or more	28	-	5	5	5	8	5	-	-	...
BEDROOMS										
None and 1	1 737	74	113	541	620	237	60	18	74	3.7
2	12 491	-	-	207	2 768	6 623	2 245	532	1 116	5.0
3	16 602	-	-	-	155	3 365	6 998	4 387	1 697	6.2
4 or more	9 716	-	-	-	-	127	714	2 901	5 974	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	289	-	-	5	15	75	56	46	92	6.4
1960 to 1968	6 005	-	17	82	329	1 531	1 287	993	1 766	6.3
1950 to 1959	9 802	5	34	88	945	2 850	2 626	1 942	1 312	5.9
1949 or earlier	24 522	40	70	590	2 523	5 909	6 336	4 370	4 684	6.0
COMPLETE BATHROOMS										
1 and 1 1/2	29 168	33	62	560	3 463	9 746	8 776	4 420	2 108	5.6
2 or more	10 791	5	33	93	214	470	1 552	2 656	5 768	7.5+
None or also used by another household	640	-	19	114	141	125	159	44	38	4.9
VALUE-INCOME RATIO										
Specified owner occupied¹	37 336	19	47	376	2 862	9 513	9 848	7 150	7 521	6.1
Less than 1.5	15 189	4	19	129	1 359	4 052	4 115	2 685	2 826	6.0
1.5 to 1.9	7 443	10	10	51	512	1 839	2 058	1 480	1 483	6.1
2.0 to 2.9	7 098	5	9	61	405	1 600	1 681	1 618	1 719	6.4
3.0 or more	7 212	-	9	129	556	1 881	1 912	1 314	1 411	6.0
Not computed	394	-	-	6	30	141	82	53	82	5.7
Renter occupied housing units	42 151	1 265	1 902	8 554	16 417	8 720	3 355	1 215	723	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	38 972	559	1 538	7 572	15 857	8 443	3 113	1 190	700	4.1
PERSONS										
1 person	12 497	1 145	1 298	4 435	3 679	1 496	304	76	64	3.4
2 persons	12 458	101	468	2 660	5 577	2 710	598	231	113	4.0
3 persons	6 703	14	66	826	3 475	1 496	533	195	98	4.2
4 persons	4 272	5	47	366	2 094	1 019	476	129	136	4.3
5 persons	2 667	-	9	149	878	986	347	198	100	4.8
6 persons or more	3 554	-	14	118	714	1 013	1 097	386	212	5.4
Median	2.2	1.1	1.2	1.5	2.3	2.6	4.0	4.3	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	40 157	814	1 684	7 931	16 076	8 496	3 247	1 200	709	4.1
0.50 or less	20 792	-	1 169	4 129	9 058	4 112	1 381	494	449	4.1
0.51 to 1.00	15 286	743	399	3 234	5 498	3 421	1 281	541	225	4.1
1.01 to 1.50	3 247	-	66	333	1 227	865	604	124	28	4.5
1.51 or more	832	71	50	235	293	98	37	41	7	3.7
Lacking some or all plumbing facilities	1 994	451	218	623	341	224	108	15	14	3.0
0.50 or less	803	-	129	306	198	94	54	8	14	3.4
0.51 to 1.00	906	402	69	252	71	80	25	7	-	2.2
1.01 to 1.50	125	-	-	33	40	28	24	-	-	4.2
1.51 or more	160	49	20	32	32	22	5	-	-	2.8
BEDROOMS										
None	1 300	1 217	83	-	-	-	-	-	-	1.0
1	11 633	-	1 776	7 044	2 244	502	40	-	27	3.1
2	20 798	-	-	1 544	13 693	5 014	509	38	-	4.1
3 or more	8 471	-	-	-	507	3 080	3 059	1 104	721	5.7
YEAR STRUCTURE BUILT										
1969 to March 1970	1 389	5	19	150	711	407	72	21	4	4.2
1960 to 1968	9 679	366	507	1 605	5 625	1 223	251	57	45	3.9
1950 to 1959	5 079	45	102	793	2 176	1 203	526	144	90	4.2
1949 or earlier	26 004	849	1 274	6 006	7 905	5 887	2 506	993	584	4.1
COMPLETE BATHROOMS										
1 and 1 1/2	38 124	809	1 619	7 640	15 772	8 360	2 792	796	336	4.1
2 or more	1 619	18	19	135	192	137	353	401	364	6.4
None or also used by another household	2 427	467	274	781	470	235	167	12	21	3.1
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	41 479	1 265	1 902	8 479	16 061	8 585	3 267	1 209	711	4.1
Less than 10 percent	2 514	163	92	450	1 670	585	190	112	52	4.1
10 to 14 percent	6 342	196	191	1 202	2 592	1 444	468	177	72	4.1
15 to 19 percent	7 084	135	305	1 270	2 928	1 616	564	203	63	4.1
20 to 24 percent	5 917	121	285	1 110	2 371	1 338	467	168	57	4.1
25 to 34 percent	6 319	138	255	1 199	2 595	1 284	571	204	73	4.1
35 percent or more	11 768	430	686	2 978	4 382	2 048	804	252	196	3.9
Not computed	1 535	82	88	270	323	270	203	93	198	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 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]

Richmond	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	40 618	37 878	2 155	585	42 151	13 003	7 315	6 233	6 123	4 999	4 372	106
ROOMS												
1 room	45	19	26	-	1 265	67	39	115	354	151	533	6
2 rooms	121	47	40	34	1 902	201	121	360	455	247	508	10
3 rooms	765	391	260	114	8 554	1 325	1 841	1 613	1 117	1 366	1 274	18
4 rooms	3 812	2 906	638	268	16 417	4 280	2 985	3 065	2 465	2 150	1 433	39
5 rooms	10 365	9 665	577	123	8 720	3 184	1 764	904	1 403	954	483	29
6 rooms	10 305	9 978	290	37	3 355	2 421	386	133	227	118	65	5
7 rooms	7 351	7 248	99	4	1 215	946	123	17	60	9	60	-
8 rooms or more	7 854	7 624	225	5	723	579	56	26	42	4	16	-
Median	6.0	6.1	4.7	4.0	4.1	4.7	4.1	3.8	4.0	3.8	3.4	4.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	40 095	37 506	2 023	566	40 157	12 377	6 898	5 882	5 793	4 841	4 260	106
0.50 or less	25 489	23 755	1 397	337	20 792	5 068	3 409	3 246	3 215	3 155	2 648	51
0.51 to 1.00	12 937	12 224	514	199	15 286	5 431	2 547	2 129	2 116	1 531	1 493	39
1.01 to 1.50	1 468	1 349	89	30	3 247	1 570	687	374	414	119	67	16
1.51 or more	201	178	23	-	832	308	255	133	48	36	52	-
Lacking some or all plumbing facilities	523	372	132	19	1 994	626	417	351	330	158	112	-
0.50 or less	350	239	92	19	803	292	220	135	75	65	16	-
0.51 to 1.00	126	96	30	-	906	189	155	170	223	88	81	-
1.01 to 1.50	19	14	5	-	125	74	25	15	11	-	-	-
1.51 or more	28	23	5	-	160	71	17	31	21	5	15	-
BEDROOMS												
None	74	-	74	-	1 300	70	27	232	356	148	467	-
1	1 663	1 023	502	138	11 633	1 384	1 867	2 482	2 084	2 054	1 694	68
2	12 491	11 204	1 034	253	20 798	5 887	3 849	3 493	3 128	2 629	1 725	87
3	16 602	16 040	420	142	6 326	3 968	951	304	737	259	107	-
4 or more	9 716	9 399	317	-	2 145	1 745	119	64	174	21	22	-
YEAR STRUCTURE BUILT												
1969 to March 1970	289	220	4	65	1 389	336	27	119	449	340	108	10
1965 to 1968	2 530	2 277	43	210	4 854	862	89	671	1 111	851	1 252	18
1960 to 1964	3 475	3 270	36	169	4 825	1 032	192	577	665	1 098	1 213	48
1950 to 1959	9 802	9 514	197	91	5 079	2 538	533	550	872	309	267	10
1940 to 1949	7 769	7 478	256	35	5 936	2 407	1 090	918	677	476	358	10
1939 or earlier	16 753	15 119	1 619	15	20 068	5 828	5 384	3 398	2 349	1 925	1 174	10
INCOME IN 1969												
Less than \$2,000	3 357	2 865	423	69	7 529	2 187	1 569	1 194	1 100	730	726	23
\$2,000 to \$2,999	1 850	1 621	220	9	3 930	1 234	851	621	547	363	299	15
\$3,000 to \$3,999	1 873	1 649	185	39	4 075	1 300	727	693	556	434	357	8
\$4,000 to \$4,999	1 972	1 756	168	48	4 079	1 168	774	590	648	501	390	8
\$5,000 to \$5,999	2 154	1 974	149	31	3 850	1 129	691	696	547	407	375	5
\$6,000 to \$6,999	2 298	2 044	192	62	3 490	999	574	588	560	456	313	-
\$7,000 to \$9,999	7 836	7 336	349	151	7 669	2 427	1 251	1 030	1 014	1 066	866	15
\$10,000 to \$14,999	10 224	9 840	237	147	5 199	1 751	658	621	844	740	575	10
\$15,000 to \$24,999	6 298	6 088	181	29	1 895	706	183	174	270	257	289	16
\$25,000 or more	2 756	2 705	51	-	435	102	37	26	37	45	182	6
Median	\$9 600	\$9 900	\$5 500	\$7 700	\$5 400	\$5 500	\$4 700	\$5 000	\$5 400	\$6 100	\$6 100	\$4 900
YEAR MOVED INTO UNIT												
1969 to March 1970	3 332	2 934	265	133	15 418	4 042	2 080	2 128	2 844	2 181	2 101	42
1968	3 207	3 004	101	102	6 005	1 873	799	1 010	800	816	692	15
1967	2 457	2 323	89	45	4 018	1 204	712	693	572	384	425	28
1965 and 1966	4 551	4 264	161	126	5 332	1 855	1 155	784	627	496	415	-
1960 to 1964	7 421	6 957	330	134	5 416	1 924	1 230	795	584	485	391	7
1950 to 1959	10 849	10 300	515	34	3 861	1 390	851	438	491	419	272	-
1949 or earlier	8 782	8 176	599	7	2 120	625	596	330	179	239	151	-
GROSS RENT												
Specified renter occupied¹	41 479	12 331	7 315	6 233	6 123	4 999	4 372	106				
Less than \$50	1 656	554	224	167	480	133	98	-				
\$50 to \$59	1 737	708	267	247	345	104	55	-				
\$60 to \$69	2 821	911	579	537	388	209	197	-				
\$70 to \$79	3 110	765	880	550	283	411	214	-				
\$80 to \$99	8 173	1 930	2 076	1 638	1 105	990	434	-				
\$100 to \$119	9 507	2 540	1 740	1 732	1 398	1 094	997	-				
\$120 to \$149	8 640	2 503	1 128	1 051	1 510	1 310	1 088	-				
\$150 to \$199	4 316	1 559	308	240	557	694	937	-				
\$200 to \$299	662	320	19	24	22	34	243	-				
\$300 or more	138	38	-	-	-	5	95	-				
No cash rent	719	503	94	47	35	15	14	-				
Median	\$106	\$108	\$96	\$99	\$106	\$112	\$125	-				
HEATING EQUIPMENT												
Steam or hot water	16 245	15 050	1 195	-	15 713	3 447	2 352	2 535	3 218	2 154	2 007	-
Warm-air furnace	12 581	11 860	372	349	10 075	2 438	603	1 286	1 846	2 176	1 645	81
Built-in electric units	1 441	1 407	23	11	1 530	383	77	187	348	189	341	5
Floor, wall, or pipeless furnace	4 569	4 436	89	44	2 009	1 206	210	215	144	141	89	4
Other means	5 762	5 105	476	181	12 700	5 474	4 033	1 988	567	332	290	16
None	20	20	-	-	124	55	40	22	-	7	-	-
AIR CONDITIONING												
Room unit(s)	20 991	19 763	904	324	9 646	2 438	1 266	1 502	1 641	1 367	1 408	24
Central system	3 565	3 441	40	84	6 874	1 012	81	811	1 335	1 652	1 983	-
None	16 043	14 754	1 116	173	25 650	9 463	6 076	3 865	3 121	2 001	1 056	68
AUTOMOBILES AVAILABLE												
1	18 612	17 229	1 017	366	17 561	4 902	2 433	2 563	2 834	2 402	2 373	54
2	12 689	12 277	295	117	4 215	1 392	603	510	619	620	459	12
3 or more	1 993	1 911	63	19	436	155	49	38	71	87	36	-
None	7 305	6 541	685	79	19 958	6 464	4 338	3 067	2 573	1 911	1 579	26

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]

Richmond	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	40 618	5 527	13 318	7 779	6 371	3 716	2 099	1 217	591	2.7
BEDROOMS										
None and 1	1 737	799	731	120	45	16	-	26	-	1.6
2	12 491	2 319	5 923	2 298	1 373	296	197	44	41	2.2
3	16 602	1 773	4 547	3 715	3 359	1 929	905	203	171	3.0
4 or more	9 716	773	1 832	1 597	1 599	1 750	1 053	745	367	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	289	25	61	70	78	38	12	-	5	3.3
1965 to 1968	2 530	107	492	536	736	398	170	69	22	3.7
1960 to 1964	3 475	204	865	760	859	450	224	86	27	3.4
1950 to 1959	9 802	1 021	3 072	2 146	1 736	971	498	284	74	2.9
1940 to 1949	7 769	1 056	2 879	1 394	1 180	537	349	269	105	2.5
1939 or earlier	16 753	3 114	5 949	2 873	1 782	1 322	846	509	358	2.4
UNITS IN STRUCTURE										
1	37 878	4 615	12 411	7 402	6 095	3 570	2 022	1 182	581	2.8
2 or more	2 155	754	681	287	216	116	61	30	10	2.0
Mobile home or trailer	585	158	226	90	60	30	16	5	-	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	29 168	4 199	10 260	5 502	4 216	2 359	1 323	961	348	2.5
2 and 2 1/2	8 575	815	2 458	1 762	1 651	952	505	213	219	3.1
3 or more	2 216	150	571	411	430	326	220	89	19	3.4
None or also used by another household	640	223	168	89	57	52	24	6	21	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	35 091	...	13 318	7 779	6 371	3 716	2 099	1 217	591	3.0
Male head, wife present, no nonrelatives	28 439	...	10 110	6 102	5 580	3 252	1 849	1 034	512	3.2
Under 25 years	421	...	124	155	90	30	18	4	-	3.1
25 to 34 years	4 266	...	550	1 089	1 406	653	290	192	86	3.9
35 to 44 years	6 016	...	608	918	1 781	1 216	859	441	193	4.3
45 to 64 years	13 205	...	5 460	3 181	2 154	1 228	603	355	224	2.9
65 years and over	4 531	...	3 368	759	149	125	79	42	9	2.2
Other male head	1 523	...	671	428	198	108	64	34	20	2.7
Under 65 years	1 087	...	435	293	160	91	59	34	15	2.9
65 years and over	436	...	236	135	38	17	5	-	5	2.4
Female head	5 129	...	2 537	1 249	593	356	186	149	59	2.5
Under 65 years	3 152	...	1 399	734	443	262	154	106	54	2.7
65 years and over	1 977	...	1 138	515	150	94	32	43	5	2.4
One-person households	5 527	5 527	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	37 336	4 557	12 232	7 278	6 019	3 527	1 996	1 166	561	2.8
Less than 1.5	15 189	453	4 653	3 572	2 746	1 727	1 097	618	323	3.2
1.5 to 1.9	7 443	470	2 458	1 496	1 375	850	446	247	101	3.0
2.0 to 2.4	4 585	484	1 484	850	888	485	185	144	65	2.9
2.5 to 2.9	2 513	414	867	484	378	188	108	53	21	2.5
3.0 to 3.9	2 378	557	929	339	277	122	75	51	28	2.2
4.0 or more	4 834	1 965	1 744	503	330	146	79	44	23	1.8
Not computed	394	214	97	34	25	9	6	9	-	1.4
Renter occupied housing units	42 151	12 497	12 458	6 703	4 272	2 667	1 629	1 196	729	2.2
BEDROOMS										
None	1 300	1 222	59	19	-	-	-	-	-	1.0
1	11 633	6 607	3 738	922	263	30	52	21	-	1.4
2	20 798	3 889	7 801	4 427	2 617	1 232	575	214	43	2.3
3 or more	8 471	630	1 099	1 341	1 498	1 134	1 089	1 196	484	4.3
YEAR STRUCTURE BUILT										
1969 to March 1970	1 389	273	508	298	161	62	51	21	15	2.3
1965 to 1968	4 854	1 245	1 750	1 050	527	169	103	10	-	2.2
1960 to 1964	4 825	1 480	1 532	869	466	234	103	109	32	2.1
1950 to 1959	5 079	908	1 308	953	768	512	262	226	142	2.8
1940 to 1949	5 936	1 555	1 726	1 000	673	427	273	184	98	2.3
1939 or earlier	20 068	7 036	5 634	2 533	1 677	1 263	837	646	442	2.0
UNITS IN STRUCTURE										
1	13 003	1 842	3 366	2 323	1 904	1 379	862	779	548	3.1
2	7 315	1 909	2 284	1 180	744	556	337	204	101	2.3
3 and 4	6 233	2 138	1 868	1 082	608	276	130	105	26	2.0
5 to 9	6 123	2 189	1 900	898	520	277	219	87	33	2.0
10 to 19	4 999	2 052	1 678	826	269	127	32	5	10	1.8
20 or more	4 372	2 321	1 340	381	227	43	33	16	11	1.4
Mobile home or trailer	106	46	22	13	-	9	16	-	-	1.8
COMPLETE BATHROOMS										
1 and 1 1/2	38 124	11 298	11 371	6 233	3 871	2 410	1 356	971	614	2.2
2 or more	1 619	259	351	284	227	197	123	89	89	3.2
None or also used by another household	2 427	1 066	615	212	195	101	98	55	85	1.7
HOUSEHOLD COMPOSITION										
Two-or-more-person households	29 654	...	12 458	6 703	4 272	2 667	1 629	1 196	729	2.9
Male head, wife present, no nonrelatives	17 922	...	7 240	4 138	2 712	1 615	1 027	742	448	2.9
Under 25 years	3 320	...	1 595	1 114	376	174	40	21	-	2.6
25 to 34 years	5 288	...	1 418	1 452	1 195	589	372	177	85	3.3
35 to 44 years	2 630	...	537	427	456	415	316	292	187	4.3
45 to 64 years	4 965	...	2 306	974	595	420	293	217	160	2.7
65 years and over	1 719	...	1 384	171	90	17	6	35	16	2.1
Other male head	2 319	...	1 400	556	165	133	21	36	8	2.3
Under 65 years	1 925	...	1 141	474	159	101	21	21	8	2.3
65 years and over	394	...	259	82	32	6	15	-	8	2.3
Female head	9 413	...	3 818	2 009	1 395	919	581	418	273	2.9
Under 65 years	8 238	...	3 019	1 856	1 278	888	553	383	261	3.1
65 years and over	1 175	...	799	153	117	31	28	35	12	2.2
One-person households	12 497	12 497	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	41 479	12 437	12 247	6 569	4 152	2 624	1 585	1 168	697	2.2
Less than 10 percent	2 514	563	827	365	300	177	127	115	40	2.3
10 to 14 percent	6 342	1 171	2 129	1 331	705	440	269	167	130	2.4
15 to 19 percent	7 084	1 565	2 076	1 376	917	484	323	218	125	2.5
20 to 24 percent	5 917	1 532	1 769	912	682	484	232	192	114	2.3
25 to 34 percent	6 319	1 867	1 814	1 041	597	425	260	200	115	2.2
35 percent or more	11 768	5 056	3 270	1 337	863	499	340	242	161	1.8
Not computed	1 535	683	362	207	88	115	34	34	12	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]

Richmond					Richmond				
	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	406	118	164	124	Vacant for rent	2 783	1 489	816	478
ROOMS					ROOMS				
1 to 3 rooms	22	9	6	7	1 room	257	79	19	159
4 rooms	66	30	16	20	2 rooms	116	80	24	12
5 rooms	79	22	20	37	3 rooms	564	265	191	108
6 rooms	89	15	35	39	4 rooms	1 215	731	364	120
7 rooms or more	150	42	87	21	5 rooms	397	216	143	38
PLUMBING FACILITIES					6 rooms	166	85	55	26
With all plumbing facilities	383	111	157	115	7 rooms or more	68	33	20	15
Lacking some or all plumbing facilities	23	7	7	9	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities	2 537	1 376	747	414
None and 1	18	—	18	—	Lacking some or all plumbing facilities	246	113	69	64
2	108	37	52	19	BEDROOMS				
3	133	38	18	77	None	279	97	32	150
4 or more	186	38	112	36	1	725	303	343	79
YEAR STRUCTURE BUILT					2	1 573	896	487	190
1969 to March 1970	24	10	14	—	3 or more	269	154	81	34
1960 to 1968	60	15	29	16	YEAR STRUCTURE BUILT				
1950 to 1959	60	10	26	24	1969 to March 1970	308	237	54	17
1949 or earlier	262	83	95	84	1960 to 1968	601	293	141	167
UNITS IN STRUCTURE					1950 to 1959	158	72	71	15
1	362	100	152	110	1949 or earlier	1 716	887	550	279
2 or more	44	18	12	14	UNITS IN STRUCTURE				
HEATING EQUIPMENT					1	569	257	198	114
Steam or hot water	146	39	72	35	2 to 4	1 017	483	398	136
Warm-air furnace	100	34	54	12	5 to 9	502	393	75	34
Built-in electric units	14	10	—	4	10 to 19	304	207	63	34
Floor, wall, or pipeless furnace	45	12	3	30	20 or more	391	149	82	160
Other means	92	23	28	41	RENT ASKED				
None	9	—	7	2	Specified vacant for sale¹	348	95	149	104
SALES PRICE ASKED					Less than \$5,000	17	6	—	11
Less than \$5,000	17	6	—	11	\$5,000 to \$9,999	77	12	25	40
\$5,000 to \$9,999	77	12	25	40	\$10,000 to \$14,999	94	28	33	33
\$10,000 to \$14,999	94	28	33	33	\$15,000 to \$19,999	99	34	55	10
\$15,000 to \$19,999	99	34	55	10	\$20,000 to \$24,999	13	—	7	6
\$20,000 to \$24,999	13	—	7	6	\$25,000 to \$34,999	25	12	9	4
\$25,000 to \$34,999	25	12	9	4	\$35,000 to \$49,999	18	3	15	—
\$35,000 to \$49,999	18	3	15	—	\$50,000 or more	5	—	5	—
\$50,000 or more	5	—	5	—	Median price asked	\$14 300	...	\$16 500	\$10 200
Median price asked	\$14 300	...	\$16 500	\$10 200	Specified vacant for rent²	2 783	1 489	816	478
					Less than \$50	468	199	174	95
					\$50 to \$59	390	154	154	82
					\$60 to \$79	643	371	210	62
					\$80 to \$99	462	259	138	65
					\$100 to \$119	399	174	76	149
					\$120 to \$149	243	177	53	13
					\$150 to \$199	156	137	7	12
					\$200 or more	22	18	4	—
					Median rent asked	\$77	\$82	\$68	\$80

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]

Richmond	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	348	94	94	99	13	25	23	2 783	858	643	462	642	156	21
PLUMBING FACILITIES														
With all plumbing facilities	369	91	95	54	18	73	38	2 625	661	650	473	645	181	15
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	221	125	62	17	17	—	—
BEDROOMS														
None and 1	18	18	—	—	—	—	—	1 004	268	250	94	324	53	15
2	89	19	35	35	—	—	—	1 573	390	416	335	304	128	—
3	76	18	20	—	—	38	—	206	111	—	61	34	—	—
4 or more	186	36	40	19	18	35	38	63	17	46	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	24	3	—	18	—	3	—	308	43	56	44	64	101	—
1960 to 1968	55	10	9	14	6	4	12	601	41	34	113	368	38	7
1950 to 1959	56	6	29	11	4	6	—	158	33	64	44	17	—	—
1949 or earlier	213	75	56	56	3	12	11	1 716	741	489	261	193	17	15
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	569	255	158	89	51	8	8
2 to 4 .....	...	...	...	...	...	...	...	1 017	496	258	164	84	11	4
5 to 19 .....	...	...	...	...	...	...	...	806	83	184	149	285	105	—
20 or more .....	...	...	...	...	...	...	...	391	24	43	60	222	32	10
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	767	126	170	105	247	109	10
Some or no utilities included .....	...	...	...	...	...	...	...	2 016	732	473	357	395	47	12

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

Table B-11. Value of Owner Occupied Housing Units With Negro Head of Household: 1970

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

Richmond	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	11 125	621	1 386	1 967	2 468	2 285	1 871	326	157	30	14	11 600
ROOMS												
1 and 2 rooms	14	5	—	4	5	—	—	—	—	—	—	—
3 rooms	263	113	72	65	7	—	—	—	—	—	—	5 600
4 rooms	1 237	135	274	383	206	125	96	11	7	6	—	8 900
5 rooms	3 232	182	430	642	866	695	375	17	7	5	—	11 000
6 rooms	3 007	121	456	487	747	576	476	101	16	4	—	11 500
7 rooms	2 020	49	117	188	392	402	540	112	38	4	—	13 600
8 rooms or more	1 352	16	37	198	245	287	384	80	15	5	—	14 100
Median	5.8	4.8	5.3	5.3	5.7	6.1	6.5	6.8	7.5	—	—	—
PERSONS												
1 person	1 293	166	260	293	216	157	151	34	10	6	—	9 400
2 persons	2 896	208	416	595	566	508	475	81	38	5	—	11 000
3 persons	2 122	73	292	330	462	416	402	96	35	5	—	11 900
4 persons	1 583	48	150	236	348	367	315	51	30	14	—	12 400
5 persons	1 297	34	110	162	332	354	235	46	19	—	—	12 600
6 persons or more	1 934	92	158	321	544	483	293	18	25	—	—	11 800
Median	3.1	2.2	2.6	2.8	3.5	3.7	3.3	3.0	3.4	—	—	—
Units with roomers, boarders, or lodgers	791	72	136	159	166	106	143	—	9	—	—	10 400
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities												
0.50 or less	10 880	531	1 314	1 922	2 453	2 281	1 852	326	157	30	14	11 700
0.51 to 1.00	5 403	300	748	1 034	1 015	942	1 013	220	101	21	9	11 500
1.01 to 1.50	4 446	152	434	669	1 158	1 137	725	101	58	9	5	12 100
1.51 or more	898	58	107	182	258	188	100	5	—	—	—	11 000
Median	1.33	21	25	37	22	14	14	—	—	—	—	8 900
Lacking some or all plumbing facilities												
0.50 or less	245	90	72	45	15	4	19	—	—	—	—	6 100
0.51 to 1.00	147	58	44	32	—	—	13	—	—	—	—	5 900
1.01 to 1.50	66	18	19	8	—	—	6	—	—	—	—	—
1.51 or more	9	—	—	—	—	—	—	—	—	—	—	—
Median	23	5	—	5	—	—	—	—	—	—	—	—
BEDROOMS												
None and 1	558	148	180	75	92	37	26	—	—	—	—	6 800
2	3 897	275	741	717	942	534	494	121	56	—	—	10 600
3	4 141	121	550	453	737	1 124	833	206	98	19	—	13 000
4 or more	2 544	21	167	424	567	537	672	71	66	19	—	12 900
YEAR STRUCTURE BUILT												
1969 to March 1970	28	—	—	—	4	—	14	6	—	4	—	—
1965 to 1968	314	—	9	13	35	—	83	—	—	—	—	—
1960 to 1964	428	15	11	49	130	193	146	29	32	5	—	15 700
1950 to 1959	1 844	10	95	215	461	518	402	95	43	5	—	13 900
1940 to 1949	2 459	72	247	403	641	535	455	95	5	6	—	13 200
1939 or earlier	5 852	524	1 024	1 287	1 197	956	746	54	55	5	4	10 200
COMPLETE BATHROOMS												
1 and 1 1/2	9 587	509	1 131	1 858	2 304	2 016	1 473	218	59	13	6	11 400
2 and 2 1/2	1 211	8	57	172	213	268	345	69	66	13	—	14 000
3 or more	54	—	—	—	—	6	12	13	—	—	—	—
None or also used by another household	348	131	109	68	16	8	16	—	—	—	—	6 000
HOUSEHOLD COMPOSITION												
Two-or-more-person households												
Male head, wife present, no nonrelatives	9 832	455	1 126	1 674	2 252	2 128	1 720	292	147	24	14	11 800
Under 25 years	7 455	254	744	1 196	1 759	1 745	1 361	255	108	19	14	12 200
25 to 34 years	1 115	—	—	14	47	32	—	—	—	—	—	12 300
35 to 44 years	1 011	14	44	102	217	367	209	39	19	—	—	13 400
45 to 64 years	1 729	40	99	252	449	454	338	67	25	5	—	12 600
65 years and over	3 549	135	373	606	869	725	656	119	42	14	10	11 900
Other male head	1 051	65	228	222	177	136	30	22	—	—	—	10 100
Under 65 years	492	36	89	83	92	101	73	15	3	—	—	11 000
65 years and over	371	28	49	57	77	91	54	15	—	—	—	11 700
Female head	1 221	8	40	26	15	10	19	—	—	—	—	8 700
Under 65 years	1 885	165	293	395	401	282	286	22	36	5	—	10 600
65 years and over	1 294	121	130	249	328	212	205	18	26	5	—	11 100
One-person households	1 293	166	260	293	216	157	151	34	10	6	—	9 000
Under 65 years	712	71	136	175	144	65	91	24	6	—	—	9 400
65 years and over	581	95	124	118	72	92	60	10	10	—	—	9 600
INCOME IN 1969												
Less than \$2,000	1 324	163	291	304	215	162	157	15	8	5	4	9 200
\$2,000 to \$2,999	713	98	144	156	125	78	85	15	12	—	—	9 300
\$3,000 to \$3,999	681	88	135	175	115	89	61	6	6	—	—	9 200
\$4,000 to \$4,999	699	19	123	154	193	106	93	5	6	—	—	10 700
\$5,000 to \$5,999	803	65	147	155	229	111	82	9	—	—	—	10 400
\$6,000 to \$6,999	848	52	130	124	201	234	96	5	6	—	—	11 500
\$7,000 to \$9,999	2 594	58	242	449	702	561	483	63	31	—	—	12 000
\$10,000 to \$14,999	2 447	65	131	343	486	697	549	149	27	—	—	13 200
\$15,000 to \$24,999	921	13	38	98	191	237	238	59	42	—	—	13 800
\$25,000 or more	95	—	5	9	10	10	19	—	—	—	—	—
Median	\$7 600	\$3 600	\$5 000	\$6 300	\$7 700	\$8 900	\$9 200	\$11 500	\$11 800	—	—	—
YEAR MOVED INTO UNIT												
1969 to March 1970	813	5	39	55	189	270	203	40	7	5	—	13 600
1968	977	9	52	92	303	318	150	33	12	8	—	12 800
1967	734	6	28	65	155	277	153	24	26	—	—	13 500
1965 and 1966	1 372	5	97	212	338	353	295	35	24	7	6	12 700
1960 to 1964	1 783	81	137	364	461	367	280	74	13	—	—	11 700
1950 to 1959	3 533	230	494	789	791	542	549	88	44	6	—	10 800
1949 or earlier	1 988	312	450	521	296	171	216	6	16	—	—	8 600
HEATING EQUIPMENT												
Steam or hot water	3 323	15	150	319	711	963	874	193	84	14	—	13 700
Warm-air furnace	2 678	64	217	397	640	703	514	98	30	5	10	12 600
Built-in electric units	351	8	14	51	38	76	96	26	17	5	—	14 300
Floor, wall, or pipeless furnace	1 436	35	89	303	502	347	150	10	10	—	—	11 400
Other means	3 346	499	916	897	572	196	237	9	10	6	4	8 200
None	11	—	—	—	5	—	—	—	6	—	—	—
AIR CONDITIONING												
Room unit(s)	3 815	55	178	591	913	1 008	828	173	50	13	6	12 900
Central system	353	—	—	20	59	99	79	33	44	13	6	15 000
None	7 032	593	1 119	1 487	1 561	1 191	939	94	48	—	—	10 500

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

Table B-12. Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970

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

Richmond	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	17 320	1 001	1 352	1 722	1 614	4 171	4 125	2 507	606	70	-	152	94
ROOMS													
1 room	181	91	24	31	5	12	6	-	7	-	-	5	50
2 rooms	396	29	82	42	60	121	52	5	-	-	-	5	77
3 rooms	3 573	376	452	616	603	849	550	93	-	-	-	29	75
4 rooms	7 587	340	606	400	625	2 010	2 116	1 335	123	5	-	27	98
5 rooms	3 111	84	145	395	222	798	759	522	162	-	-	24	98
6 rooms	1 698	74	38	203	87	284	420	326	192	42	-	32	107
7 rooms	497	7	-	30	7	71	155	129	78	13	-	7	117
8 rooms or more	277	-	5	5	5	26	67	97	44	5	-	23	126
Median	4.1	3.5	3.7	3.9	3.7	4.0	4.2	4.4	5.6	...	-	4.9	...
PERSONS													
1 person	3 385	341	331	476	504	903	479	264	36	5	-	46	80
2 persons	4 263	278	346	355	459	1 032	1 066	587	88	10	-	42	93
3 persons	3 057	143	299	163	216	830	758	536	81	10	-	21	97
4 persons	2 319	85	204	151	178	601	623	394	78	-	-	5	98
5 persons	1 650	69	78	183	138	300	466	274	111	9	-	22	102
6 persons or more	2 646	85	94	394	119	505	733	452	212	36	-	16	103
Median	2.8	2.1	2.5	2.7	2.2	2.7	3.2	3.3	4.7	...	-	2.2	...
Units with roomers, boarders, or lodgers	1 118	55	63	92	105	262	278	219	35	5	-	4	99
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	16 064	793	1 174	1 514	1 439	3 916	3 995	2 429	606	70	-	128	94
0.50 or less	6 035	324	361	500	714	1 638	1 408	643	149	25	-	73	92
0.51 to 1.00	7 109	384	656	604	503	1 685	1 760	1 157	310	15	-	35	97
1.01 to 1.50	2 304	70	120	339	147	424	698	347	114	30	-	15	101
1.51 or more	616	15	37	71	75	169	129	82	33	-	-	5	93
Lacking some or all plumbing facilities	1 256	208	178	208	175	255	130	78	-	-	-	24	71
0.50 or less	538	66	111	96	80	91	36	41	-	-	-	17	69
0.51 to 1.00	475	114	62	87	59	77	49	20	-	-	-	7	67
1.01 to 1.50	119	5	-	6	15	56	24	13	-	-	-	-	93
1.51 or more	124	23	5	19	21	31	21	4	-	-	-	-	77
BEDROOMS													
None	201	157	26	18	-	-	-	-	-	-	-	-	...
1	3 561	268	459	633	564	999	449	103	20	-	-	66	77
2	8 951	327	698	525	788	2 175	2 620	1 662	118	-	-	38	100
3 or more	4 620	149	189	670	298	1 025	1 108	726	306	130	-	19	99
YEAR STRUCTURE BUILT													
1969 to March 1970	557	4	14	70	12	108	161	172	16	-	-	-	109
1965 to 1968	1 489	4	17	33	19	248	551	568	44	5	-	-	115
1960 to 1964	1 613	80	126	143	54	275	605	287	38	5	-	-	104
1950 to 1959	2 545	351	481	348	211	453	389	208	73	12	-	19	74
1940 to 1949	2 436	246	234	249	269	561	462	285	102	6	-	22	88
1939 or earlier	8 680	316	480	879	1 049	2 526	1 957	987	333	42	-	111	92
ELEVATOR IN STRUCTURE													
4 floors or more	26	-	-	-	26	-	-	-	-	-	-	-	...
With elevator	-	-	-	-	-	-	-	-	-	-	-	-	...
Walk-up	26	-	-	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	17 307	901	1 372	1 846	1 624	4 199	4 177	2 491	444	130	-	123	94
COMPLETE BATHROOMS													
1 and 1/2	15 253	845	1 079	1 446	1 418	3 790	3 754	2 239	535	36	-	111	95
2 or more	511	-	19	35	-	49	126	147	103	19	-	13	124
None or also used by another household	1 550	199	247	213	216	335	179	110	15	-	-	36	75
INCOME IN 1969													
Less than \$2,000	3 839	434	516	546	532	801	519	369	59	21	-	42	78
\$2,000 to \$2,999	2 246	216	325	340	190	561	383	174	39	9	-	9	82
\$3,000 to \$3,999	2 130	140	224	275	203	574	409	207	74	5	-	19	88
\$4,000 to \$4,999	1 922	72	83	184	214	494	536	271	53	-	-	15	96
\$5,000 to \$5,999	1 713	58	58	107	159	471	462	297	80	11	-	10	100
\$6,000 to \$6,999	1 267	26	67	52	65	357	402	239	43	5	-	11	103
\$7,000 to \$9,999	2 550	55	50	155	184	573	858	529	107	14	-	25	106
\$10,000 to \$14,999	1 287	-	23	50	62	274	428	329	107	-	-	14	111
\$15,000 to \$24,999	309	-	6	13	5	41	105	87	40	5	-	7	116
\$25,000 or more	57	-	-	-	-	25	23	5	4	-	-	-	...
Median	\$4 200	\$2 300	\$2 500	\$2 900	\$3 400	\$4 300	\$5 500	\$5 800	\$6 000	...	-	\$4 400	...
YEAR MOVED INTO UNIT													
1969 to March 1970	5 298	282	462	448	243	1 152	1 334	1 023	293	30	-	31	101
1968	2 351	133	150	182	190	465	614	504	101	5	-	7	102
1967	1 704	91	139	204	165	444	392	183	70	7	-	9	91
1965 and 1966	2 654	127	178	192	128	652	640	332	100	-	-	5	92
1960 to 1964	2 601	205	197	309	254	689	627	240	59	-	-	21	89
1950 to 1959	1 954	160	129	242	242	573	342	178	30	13	-	45	86
1949 or earlier	752	46	90	117	112	199	110	36	-	-	-	42	79
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	872	139	74	129	84	204	167	65	10	-	-	...	81
10 to 14 percent	2 184	143	139	178	217	606	574	267	40	-	-	...	94
15 to 19 percent	2 643	188	147	263	214	627	740	376	83	5	-	...	97
20 to 24 percent	2 455	150	241	210	206	553	610	409	76	-	-	...	95
25 to 34 percent	2 909	99	255	285	217	660	803	462	118	10	-	...	98
35 percent or more	5 724	247	473	591	622	1 394	1 190	886	266	55	-	...	93
Not computed	533	15	23	66	54	127	41	42	13	-	-	152	84
AIR CONDITIONING													
Room unit(s)	2 158	34	64	105	132	499	625	537	97	5	-	60	107
Central system	696	-	19	-	-	150	224	256	47	-	-	-	116
None	14 460	1 010	1 262	1 589	1 502	3 525	3 210	1 703	509	50	-	100	90

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

Table B-13. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

Richmond	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	12 119	1 546	850	747	787	897	914	2 722	2 574	987	95	7 400
ROOMS												
1 and 2 rooms	23	—	5	4	5	—	—	9	—	—	—	...
3 rooms	333	128	49	66	27	17	23	17	—	6	—	2 800
4 rooms	1 518	269	164	116	119	133	135	363	142	77	—	5 700
5 rooms	3 486	450	271	199	282	315	348	787	679	139	16	6 600
6 rooms	3 180	361	183	181	177	209	197	765	808	274	25	8 100
7 rooms or more	3 579	338	178	181	177	223	211	781	945	491	54	8 800
PERSONS												
1 person	1 507	727	257	150	110	76	43	103	41	—	—	2 100
2 persons	3 194	471	316	303	289	310	272	624	428	168	13	5 700
3 and 4 persons	4 025	230	203	179	225	240	343	1 025	1 121	424	35	8 700
5 persons	1 361	53	29	53	71	98	83	403	376	168	27	9 200
6 persons or more	2 032	65	45	62	92	173	173	567	608	227	20	9 100
Units with roomers, boarders, or lodgers	919	230	105	94	83	96	53	158	85	15	—	4 400
BEDROOMS												
Less than 3	5 024	896	279	386	453	427	628	1 132	595	212	16	6 100
3	4 428	297	131	72	232	245	361	1 092	1 523	452	23	9 400
4 or more	2 689	192	121	138	131	204	284	578	667	312	62	8 400
YEAR STRUCTURE BUILT												
1969 to March 1970	40	5	—	—	—	—	—	21	10	—	—	...
1960 to 1968	1 000	55	24	30	50	79	69	239	311	126	17	9 400
1950 to 1959	1 954	110	110	70	117	128	112	592	552	159	4	8 700
1949 or earlier	9 125	1 376	716	647	620	690	733	1 870	1 701	702	70	6 700
YEAR MOVED INTO UNIT												
1969 to March 1970	968	90	40	40	90	65	93	280	222	36	12	7 700
1968	1 042	63	33	76	98	92	48	329	243	52	8	8 000
1960 to 1967	4 165	300	215	223	185	326	267	1 119	1 040	465	25	8 500
1959 or earlier	6 006	1 161	629	480	415	440	388	970	1 036	437	50	5 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	6 644	569	204	227	374	403	764	1 536	1 851	638	78	8 500
Clothes dryer	752	54	40	—	—	36	53	56	307	128	58	11 900
Dishwasher	1 711	19	—	18	—	—	—	—	73	—	—	...
Home food freezer	2 295	214	101	18	54	154	293	576	577	257	51	8 600
Owned second home	352	38	—	41	—	27	44	72	72	58	—	...
With air conditioning	4 449	278	163	236	246	217	242	1 033	1 312	653	69	9 400
Room unit(s)	4 065	255	156	221	246	180	215	952	1 210	574	56	9 400
Central system	384	23	7	15	—	37	27	81	102	79	13	10 100
Automobiles available:												
1	5 938	527	336	317	430	495	474	1 555	1 400	388	16	7 800
2	2 134	53	22	28	61	45	90	636	704	463	32	10 900
3 or more	245	—	7	6	14	6	—	32	91	62	27	13 200
Renter occupied housing units	17 728	3 937	2 297	2 203	1 950	1 759	1 278	2 614	1 317	316	57	4 200
ROOMS												
1 room	181	49	22	22	49	—	10	29	—	—	—	3 900
2 rooms	396	133	38	50	50	35	50	20	13	—	—	3 500
3 rooms	3 625	1 329	597	411	315	325	167	362	97	10	12	2 800
4 rooms	7 800	1 430	977	1 004	840	817	587	1 348	666	95	36	4 600
5 rooms	3 202	580	398	414	389	299	272	440	301	104	5	4 500
6 rooms or more	2 524	416	265	295	307	283	192	415	240	107	4	4 900
PERSONS												
1 person	3 419	1 609	590	367	320	166	114	202	51	—	—	2 200
2 persons	4 341	976	525	592	552	414	336	559	313	54	20	4 100
3 and 4 persons	5 556	792	695	686	616	632	455	1 048	513	99	20	5 000
5 persons	1 683	236	185	232	198	213	136	258	164	50	11	5 000
6 persons or more	2 729	324	302	326	264	334	237	547	276	113	6	5 400
Units with roomers, boarders, or lodgers	1 118	395	181	124	167	80	80	51	25	15	—	2 900
BEDROOMS												
None	201	90	—	26	85	—	—	—	—	—	—	...
1	3 626	1 382	646	387	218	277	165	367	184	—	—	2 700
2	9 114	1 862	999	961	1 165	1 032	622	1 587	753	95	38	4 600
3 or more	4 794	818	583	633	612	588	365	603	403	189	—	4 600
YEAR STRUCTURE BUILT												
1969 to March 1970	561	86	50	63	62	68	76	95	55	6	—	5 300
1960 to 1968	3 209	377	272	309	367	367	271	709	436	75	26	5 800
1950 to 1959	2 692	634	469	482	254	225	136	309	142	34	7	3 500
1949 or earlier	11 266	2 840	1 506	1 349	1 267	1 099	795	1 501	684	201	24	4 000
YEAR MOVED INTO UNIT												
1969 to March 1970	5 399	1 164	725	738	656	508	430	751	334	77	16	4 100
1968	2 423	427	242	245	308	295	208	387	235	50	26	5 000
1960 to 1967	7 156	1 489	950	917	791	659	474	1 118	592	149	17	4 300
1959 or earlier	2 759	815	400	372	199	245	202	335	146	45	—	3 400
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	17 320	3 839	2 246	2 130	1 922	1 713	1 267	2 550	1 287	309	57	4 200
Less than 15 percent	3 056	—	32	59	81	153	211	1 083	1 083	297	57	9 700
15 to 19 percent	2 643	30	77	180	281	396	445	1 057	172	5	—	6 800
20 to 24 percent	2 455	58	182	388	436	571	480	322	178	—	—	5 300
25 to 34 percent	2 909	104	541	711	861	518	115	59	—	—	—	4 100
35 percent or more	5 724	3 224	1 405	773	248	65	5	4	—	—	—	2000—
Not computed	533	423	9	19	15	10	11	25	14	7	—	2000—
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	3 931	636	410	434	410	433	296	795	379	138	—	5 200
Clothes dryer	368	79	24	22	38	79	—	85	20	21	—	...
Dishwasher	114	19	30	—	—	—	20	—	25	—	—	...
Home food freezer	921	186	133	207	20	138	—	179	17	41	—	3 700
Owned second home	205	78	57	—	—	21	—	—	29	—	—	...
With air conditioning	2 903	382	183	277	359	325	267	521	447	109	33	5 800
Room unit(s)	2 192	310	160	202	266	213	175	404	348	88	26	5 700
Central system	711	72	23	75	93	112	92	117	99	21	7	5 800
Automobiles available:												
1	5 072	406	318	468	536	679	569	1 239	679	143	35	6 200
2	720	29	22	19	92	28	20	163	247	93	7	9 800
3 or more	58	12	—	14	5	—	—	6	7	7	—	...

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

Table B-14. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

Richmond	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	12 119	11 825	5 937	4 785	966	137	294	178	79	14	23
PERSONS											
1 person.....	1 507	1 407	1 407	—	—	—	100	100	—	—	—
2 persons.....	3 194	3 131	3 037	94	—	—	63	58	5	—	—
3 persons.....	2 281	2 226	1 196	1 021	9	—	55	16	39	—	—
4 persons.....	1 744	1 714	213	1 484	17	—	30	—	25	5	—
5 persons.....	1 361	1 342	84	1 157	81	20	19	4	10	—	5
6 persons or more.....	2 032	2 005	—	1 029	859	117	27	—	—	9	18
Median.....	3.1	3.1	2.0	4.4	6.9	7.5+	2.2	1.4	...	...	...
Units with roomers, boarders, or lodgers.....	919	888	387	423	78	—	31	11	11	4	5
YEAR STRUCTURE BUILT											
1969 to March 1970.....	48	48	30	18	—	—	—	—	—	—	—
1965 to 1968.....	357	352	147	188	17	—	5	5	—	—	—
1960 to 1964.....	623	616	259	315	42	—	7	—	—	—	—
1950 to 1959.....	1 878	1 873	775	926	157	15	5	—	—	—	5
1940 to 1949.....	2 712	2 682	1 331	1 101	239	11	30	14	16	—	—
1939 or earlier.....	6 563	6 303	3 463	2 191	521	128	260	181	54	12	13
INCOME IN 1969											
Less than \$2,000.....	1 546	1 430	1 173	229	28	—	116	106	5	5	—
\$2,000 to \$2,999.....	850	810	618	166	16	10	40	34	6	—	—
\$3,000 to \$3,999.....	747	714	470	207	22	15	33	13	20	—	—
\$4,000 to \$4,999.....	787	770	465	255	50	—	17	4	4	—	9
\$5,000 to \$5,999.....	897	880	478	302	95	5	17	5	8	4	—
\$6,000 to \$6,999.....	914	914	412	397	82	23	—	—	—	—	—
\$7,000 to \$9,999.....	2 722	2 687	1 008	1 330	294	55	35	11	10	—	14
\$10,000 to \$14,999.....	2 574	2 545	864	1 380	277	24	29	5	19	5	—
\$15,000 to \$24,999.....	987	980	405	472	98	5	7	—	7	—	—
\$25,000 or more.....	95	95	44	47	4	—	—	—	—	—	—
Median.....	\$7 400	\$7 400	\$5 500	\$8 900	\$8 900	\$7 800	\$2 800	\$2000-	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	11 125	10 880	5 403	4 446	898	133	245	147	66	9	23
Less than 1.5.....	5 034	4 946	1 880	2 477	513	76	88	24	32	9	23
1.5 to 1.9.....	1 902	1 883	843	808	204	28	19	7	12	—	—
2.0 to 2.4.....	1 230	1 206	643	461	92	10	24	12	12	—	—
2.5 to 2.9.....	630	616	343	231	32	10	14	4	10	—	—
3.0 to 3.9.....	626	610	408	174	19	9	16	16	—	—	—
4.0 or more.....	1 500	1 431	1 125	268	38	—	69	69	—	—	—
Not computed.....	203	188	161	27	—	—	15	15	—	—	—
HEATING EQUIPMENT											
Steam or hot water.....	3 657	3 639	1 955	1 460	215	9	18	4	14	—	—
Warm-air furnace.....	2 867	2 842	1 405	1 213	204	20	25	15	5	5	—
Built-in electric units.....	355	355	163	163	29	—	—	—	—	—	—
Floor, wall, or pipeless furnace.....	1 490	1 469	591	703	153	22	21	17	—	—	4
Other means.....	3 739	3 509	1 823	1 240	360	86	230	142	60	9	19
None.....	11	11	—	6	5	—	—	—	—	—	—
Renter occupied housing units	17 728	16 472	6 123	7 338	2 386	625	1 256	538	475	119	124
PERSONS											
1 person.....	3 419	2 956	2 889	67	—	—	463	373	90	—	—
2 persons.....	4 341	3 987	2 898	1 084	—	5	354	161	174	—	19
3 persons.....	3 155	3 043	279	2 744	20	—	112	4	108	—	—
4 persons.....	2 401	2 317	41	2 041	216	19	84	—	40	33	11
5 persons.....	1 683	1 596	16	841	634	105	87	—	43	23	21
6 persons or more.....	2 729	2 573	—	561	1 516	496	156	—	20	63	73
Median.....	2.8	2.9	1.6	3.4	6.0	7.1	2.0	1.2	2.3	5.7	6.8
Units with roomers, boarders, or lodgers.....	1 118	1 017	363	538	68	48	101	19	65	13	4
YEAR STRUCTURE BUILT											
1969 to March 1970.....	504	496	181	278	37	—	8	8	—	—	—
1965 to 1968.....	1 501	1 474	618	728	128	—	27	13	14	—	—
1960 to 1964.....	1 749	1 740	579	853	251	57	9	—	—	—	—
1950 to 1959.....	2 785	2 679	706	1 375	488	110	106	22	64	6	14
1940 to 1949.....	2 570	2 381	936	1 079	284	82	189	79	56	23	31
1939 or earlier.....	8 628	7 757	3 076	3 146	1 090	445	871	420	307	75	69
INCOME IN 1969											
Less than \$2,000.....	3 937	3 423	1 900	1 123	311	89	514	327	164	17	6
\$2,000 to \$2,999.....	2 297	2 142	916	871	287	68	155	64	74	6	11
\$3,000 to \$3,999.....	2 203	2 096	745	991	292	68	107	46	42	10	9
\$4,000 to \$4,999.....	1 950	1 812	710	797	263	42	138	29	69	12	28
\$5,000 to \$5,999.....	1 759	1 657	449	803	340	65	102	27	41	6	28
\$6,000 to \$6,999.....	1 278	1 218	358	604	198	58	60	22	5	19	14
\$7,000 to \$9,999.....	2 614	2 485	650	1 246	425	164	129	18	45	38	28
\$10,000 to \$14,999.....	1 317	1 264	519	700	207	40	51	5	35	11	—
\$15,000 to \$24,999.....	316	316	58	177	56	25	—	—	—	—	—
\$25,000 or more.....	57	57	18	26	7	6	—	—	—	—	—
Median.....	\$4 200	\$4 300	\$3 300	\$4 900	\$5 100	\$5 700	\$2 700	\$2000-	\$3 000	\$6 400	\$5 300
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	17 320	16 064	6 035	7 109	2 304	616	1 256	538	475	119	124
Less than 10 percent.....	872	772	173	422	119	58	100	24	56	10	10
10 to 14 percent.....	2 184	2 047	500	1 040	399	108	137	19	66	32	20
15 to 19 percent.....	2 643	2 475	664	1 293	384	134	168	51	65	32	40
20 to 24 percent.....	2 455	2 306	731	1 122	382	71	149	32	58	32	27
25 to 34 percent.....	2 909	2 793	1 039	1 268	376	110	116	52	37	10	17
35 percent or more.....	5 724	5 191	2 658	1 837	569	127	533	330	170	23	10
Not computed.....	533	480	270	127	75	8	53	30	23	—	—
HEATING EQUIPMENT											
Steam or hot water.....	4 246	4 127	1 180	2 076	770	101	119	25	75	15	4
Warm-air furnace.....	2 781	2 721	1 116	1 252	295	58	60	34	16	5	5
Built-in electric units.....	624	624	252	326	46	—	—	—	—	—	—
Floor, wall, or pipeless furnace.....	688	688	298	301	76	13	—	—	—	—	—
Other means.....	9 272	8 214	3 245	3 335	1 195	439	1 058	473	375	99	111
None.....	117	98	32	48	4	14	19	6	9	—	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-15. Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

Richmond	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	12 119	--	23	333	1 518	3 486	3 180	2 096	1 483	5.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	11 754	--	15	280	1 373	3 400	3 155	2 078	1 453	5.8
PERSONS										
1 person	1 507	--	5	166	292	507	344	107	86	5.1
2 persons	3 194	--	--	99	625	1 083	666	439	282	5.3
3 persons	2 281	--	9	12	305	743	657	321	234	5.6
4 persons	1 744	--	--	22	137	474	532	366	213	5.9
5 persons	1 361	--	5	20	81	285	426	292	252	6.2
6 persons or more	2 032	--	4	14	78	394	555	571	416	6.4
Median	3.1	--	...	1.5	2.2	2.7	3.4	4.0	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	11 825	--	18	298	1 416	3 426	3 111	2 081	1 475	5.7
0.50 or less	5 937	--	5	141	841	1 575	1 622	858	895	5.8
0.51 to 1.00	4 785	--	--	106	421	1 474	1 235	1 029	520	5.8
1.01 to 1.50	966	--	9	17	126	357	231	166	60	5.4
1.51 or more	137	--	4	34	28	20	23	28	--	4.6
Lacking some or all plumbing facilities	294	--	5	35	102	60	69	15	8	4.6
0.50 or less	178	--	--	25	76	15	45	9	8	4.3
0.51 to 1.00	79	--	--	5	21	28	19	6	--	...
1.01 to 1.50	14	--	--	5	--	9	--	--	--	...
1.51 or more	23	--	5	--	5	8	5	--	--	...
BEDROOMS										
None and 1	722	--	14	206	306	102	19	18	57	4.0
2	4 302	--	--	61	1 136	2 309	579	163	54	4.9
3	4 428	--	--	77	77	1 088	2 105	780	378	6.0
4 or more	2 689	--	--	--	--	108	363	1 071	1 147	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	40	--	--	--	--	25	5	4	6	...
1960 to 1968	1 000	--	--	4	69	495	216	131	85	5.4
1950 to 1959	1 954	--	--	25	259	759	475	329	107	5.4
1949 or earlier	9 125	--	23	304	1 190	2 207	2 484	1 632	1 285	5.8
COMPLETE BATHROOMS										
1 and 1 1/2	10 266	--	10	235	1 286	3 319	2 910	1 655	851	5.6
2 or more	1 508	--	5	45	87	88	253	428	602	7.1
None or also used by another household	407	--	7	76	103	83	96	24	18	4.7
VALUE-INCOME RATIO										
Specified owner occupied¹	11 125	--	14	263	1 237	3 232	3 007	2 020	1 352	5.8
Less than 1.5	5 034	--	9	76	568	1 355	1 531	888	607	5.8
1.5 to 1.9	1 902	--	5	34	227	577	417	387	255	5.8
2.0 to 2.9	1 860	--	--	46	185	608	439	401	181	5.7
3.0 or more	2 126	--	--	101	243	623	585	315	259	5.7
Not computed	203	--	--	6	14	69	35	29	50	5.9
Renter occupied housing units	17 728	181	396	3 625	7 800	3 202	1 738	503	283	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	15 914	28	264	2 970	7 358	2 984	1 543	497	270	4.1
PERSONS										
1 person	3 419	157	237	1 452	1 162	301	86	15	9	3.4
2 persons	4 341	24	86	1 172	2 245	557	162	67	28	3.9
3 persons	3 155	--	20	532	1 819	501	210	45	28	4.1
4 persons	2 401	--	30	249	1 357	496	197	31	41	4.2
5 persons	1 683	--	9	117	657	568	227	67	38	4.6
6 persons or more	2 729	--	14	103	560	779	856	278	139	5.4
Median	2.8	1.1	1.3	1.8	2.8	4.0	5.4	5.9	5.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	16 472	72	278	3 118	7 537	3 042	1 654	488	283	4.1
0.50 or less	6 123	--	165	1 221	3 257	811	428	119	122	4.0
0.51 to 1.00	7 338	67	60	1 493	3 129	1 496	701	256	136	4.2
1.01 to 1.50	2 386	--	20	216	919	648	488	77	18	4.6
1.51 or more	625	5	33	188	232	87	37	36	7	3.9
Lacking some or all plumbing facilities	1 256	109	118	507	263	160	84	15	--	3.3
0.50 or less	538	--	72	231	150	47	30	8	--	3.4
0.51 to 1.00	475	90	26	211	47	69	25	7	--	3.1
1.01 to 1.50	119	--	--	33	40	22	24	--	--	4.2
1.51 or more	124	19	20	32	26	22	5	--	--	3.2
BEDROOMS										
None	201	183	18	--	--	--	--	--	--	...
1	3 626	--	277	2 444	806	99	--	--	--	3.1
2	9 114	--	--	1 030	6 823	1 140	121	--	--	4.0
3 or more	4 794	--	--	--	320	1 945	1 877	368	284	5.6
YEAR STRUCTURE BUILT										
1969 to March 1970	561	--	--	69	302	121	54	11	4	4.2
1960 to 1968	3 209	10	106	296	2 303	387	84	10	13	4.0
1950 to 1959	2 692	18	20	402	1 318	571	303	60	--	4.2
1949 or earlier	11 266	153	270	2 858	3 877	2 123	1 297	422	266	4.1
COMPLETE BATHROOMS										
1 and 1 1/2	15 653	58	264	3 022	7 306	2 980	1 474	389	160	4.1
2 or more	518	11	--	61	82	38	101	115	110	6.2
None or also used by another household	1 566	108	158	632	359	165	118	12	14	3.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	17 320	181	396	3 573	7 587	3 111	1 698	497	277	4.1
Less than 10 percent	872	33	14	137	334	205	107	38	4	4.3
10 to 14 percent	2 184	37	30	384	1 083	388	174	47	41	4.1
15 to 19 percent	2 643	12	66	480	1 214	492	268	74	37	4.1
20 to 24 percent	2 455	40	57	443	1 128	460	245	68	14	4.1
25 to 34 percent	2 909	15	61	547	1 337	506	302	104	37	4.1
35 percent or more	5 724	39	149	1 460	2 323	975	525	138	115	4.0
Not computed	533	5	19	122	168	85	77	28	29	4.2

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

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

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

Richmond	Owner occupied				Renter occupied							Mobile home or trailer
	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	
All occupied housing units	12 119	11 378	707	34	17 728	7 293	4 389	2 542	1 870	1 068	566	
ROOMS												
1 room	—	—	—	—	181	9	33	46	48	15	30	
2 rooms	23	14	9	—	396	85	55	96	60	29	71	
3 rooms	333	268	65	—	3 625	1 092	1 291	758	245	167	72	
4 rooms	1 518	1 260	241	17	7 800	2 501	1 879	1 358	1 019	714	329	
5 rooms	3 486	3 306	168	12	3 202	1 584	842	382	382	108	52	
6 rooms	3 180	3 081	99	—	1 738	1 356	207	41	91	31	12	
7 rooms	2 096	2 070	26	—	503	434	54	4	11	—	—	
8 rooms or more	1 483	1 379	99	5	283	232	28	5	14	4	—	
Median	5.7	5.8	4.7	...	4.1	4.5	3.9	3.8	4.1	4.0	3.8	
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	11 825	11 133	662	30	16 472	6 775	4 055	2 301	1 762	1 036	543	
0.50 or less	5 937	5 524	395	18	6 123	2 143	1 686	1 008	599	453	234	
0.51 to 1.00	4 785	4 543	230	12	7 338	3 155	1 631	930	873	482	267	
1.01 to 1.50	966	933	33	—	2 386	1 221	520	259	264	91	31	
1.51 or more	137	133	4	—	625	256	218	104	26	10	11	
Lacking some or all plumbing facilities	294	245	45	4	1 256	518	334	241	108	32	23	
0.50 or less	178	147	27	4	538	227	166	88	35	16	6	
0.51 to 1.00	79	66	13	—	475	158	126	112	51	11	17	
1.01 to 1.50	14	9	5	—	119	68	25	15	11	—	—	
1.51 or more	23	23	—	—	124	65	17	26	11	5	—	
BEDROOMS												
None	—	—	—	—	201	20	—	108	46	27	—	
1	722	577	128	17	3 626	1 018	1 081	901	431	137	58	
2	4 302	3 950	334	18	9 114	3 117	2 240	1 506	1 102	775	374	
3	4 428	4 216	212	—	3 494	2 098	637	180	433	146	—	
4 or more	2 689	2 592	97	—	1 300	1 015	119	47	119	—	—	
YEAR STRUCTURE BUILT												
1969 to March 1970	40	28	—	12	561	111	27	54	181	150	38	
1965 to 1968	336	314	17	5	1 534	408	63	126	324	379	234	
1960 to 1964	664	643	17	4	1 675	585	112	385	293	170	130	
1950 to 1959	1 954	1 883	71	—	2 692	1 396	330	304	559	70	33	
1940 to 1949	2 650	2 539	103	8	2 534	1 202	638	305	203	136	50	
1939 or earlier	6 475	5 971	499	5	8 732	3 591	3 219	1 368	310	163	81	
INCOME IN 1969												
Less than \$2,000	1 546	1 358	171	17	3 937	1 661	1 045	587	405	160	79	
\$2,000 to \$2,999	850	744	106	—	2 287	942	624	334	238	83	76	
\$3,000 to \$3,999	747	688	59	—	2 203	915	515	274	272	111	23	
\$4,000 to \$4,999	787	737	40	10	1 950	831	486	274	272	111	23	
\$5,000 to \$5,999	897	832	65	—	1 759	739	418	274	183	113	63	
\$6,000 to \$6,999	914	863	51	—	1 278	529	279	158	123	112	54	
\$7,000 to \$9,999	2 722	2 628	87	7	2 614	981	683	341	215	198	74	
\$10,000 to \$14,999	2 574	2 495	79	—	1 317	503	273	144	195	238	156	
\$15,000 to \$24,999	987	938	49	—	316	165	54	18	41	138	63	
\$25,000 or more	95	95	—	—	57	27	11	6	4	31	7	
Median	\$7 400	\$7 500	\$4 400	...	\$4 200	\$4 200	\$4 000	\$4 000	\$4 100	\$5 600	\$5 800	
YEAR MOVED INTO UNIT												
1969 to March 1970	968	848	106	14	5 399	1 896	1 177	734	718	558	316	
1968	1 042	996	46	—	2 423	1 006	454	326	315	208	114	
1967	777	746	31	—	1 732	682	442	297	190	66	55	
1965 and 1966	1 454	1 391	63	—	2 744	1 180	700	405	268	147	44	
1960 to 1964	1 934	1 843	84	7	2 680	1 213	794	381	181	96	25	
1950 to 1959	3 419	3 225	188	6	1 838	928	547	217	111	6	29	
1949 or earlier	2 587	2 439	148	—	921	374	352	154	19	6	16	
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	17 320	6 885	4 389	2 542	1 870	1 068	566	
Less than \$50	...	...	...	...	1 001	426	145	113	211	69	37	
\$50 to \$59	...	...	...	...	1 352	648	222	173	242	49	18	
\$60 to \$69	...	...	...	...	1 722	750	420	274	208	48	22	
\$70 to \$79	...	...	...	...	1 614	641	539	270	81	52	31	
\$80 to \$99	...	...	...	...	4 171	1 297	1 390	863	288	229	104	
\$100 to \$119	...	...	...	...	4 125	1 425	1 058	633	491	308	210	
\$120 to \$149	...	...	...	...	2 507	1 160	444	198	303	277	125	
\$150 to \$199	...	...	...	...	606	385	111	14	46	31	19	
\$200 to \$299	...	...	...	...	70	47	14	4	—	—	—	
\$300 or more	...	...	...	...	—	—	—	—	—	—	—
No cash rent	...	...	...	...	152	106	46	—	—	—	—	
Median	...	...	...	...	\$94	\$94	\$92	\$90	\$95	\$106	\$107	
HEATING EQUIPMENT												
Steam or hot water	3 657	3 371	286	—	4 246	1 917	725	447	817	242	98	
Warm-air furnace	2 867	2 743	114	10	2 781	861	239	341	510	535	295	
Built-in electric units	355	347	8	—	624	236	36	76	104	85	87	
Floor, wall, or pipeless furnace	1 490	1 471	19	—	698	280	110	150	71	62	15	
Other means	3 739	3 435	280	24	9 272	3 944	3 239	1 506	368	144	71	
None	11	11	—	—	117	55	40	22	—	—	—	
AIR CONDITIONING												
Room unit(s)	4 065	3 904	155	6	2 192	667	418	386	309	220	192	
Central system	384	363	14	7	711	226	19	23	155	187	101	
None	7 732	7 221	497	14	14 834	6 386	4 019	2 105	1 338	680	306	
AUTOMOBILES AVAILABLE												
1	5 938	5 631	300	7	5 072	1 882	1 223	701	554	437	275	
2	2 134	2 046	75	13	720	296	152	84	76	64	48	
3 or more	245	233	12	—	58	26	—	—	—	6	—	
None	3 864	3 578	279	7	11 887	5 075	3 055	1 729	1 172	580	276	

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

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

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

Richmond	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	12 119	141	1 068	1 845	3 752	1 154	408	139	1 443	662	834	673
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	11 825	132	1 058	1 812	3 699	1 133	390	139	1 424	631	779	628
0.50 or less	5 937	20	219	371	1 746	779	217	87	688	403	779	628
0.51 to 1.00	4 785	91	669	1 120	1 612	305	139	47	612	190	—	—
1.01 to 1.50	966	21	157	279	298	45	25	—	109	32	—	—
1.51 or more	137	—	13	42	43	4	9	5	15	6	—	—
Lacking some or all plumbing facilities	294	9	10	33	53	21	18	—	19	31	55	45
0.50 or less	178	4	—	6	24	10	5	—	6	23	55	45
0.51 to 1.00	79	—	10	22	11	11	4	—	13	8	—	—
1.01 to 1.50	14	5	—	5	—	—	4	—	—	—	—	—
1.51 or more	23	—	—	—	18	—	5	—	—	—	—	—
UNITS IN STRUCTURE												
1	11 378	119	1 027	1 768	3 629	1 073	371	124	1 355	600	726	586
2 or more	707	15	41	77	118	81	32	15	80	62	104	82
Mobile home or trailer	34	7	—	—	5	—	5	—	8	—	4	5
INCOME IN 1969												
Less than \$2,000	1 546	11	5	36	65	211	33	32	222	204	276	451
\$2,000 to \$2,999	850	9	14	18	100	156	9	36	167	84	131	126
\$3,000 to \$3,999	747	—	4	31	160	134	27	17	148	76	106	44
\$4,000 to \$4,999	787	11	51	51	176	154	40	—	137	57	90	20
\$5,000 to \$5,999	897	21	32	75	339	82	45	9	152	66	59	17
\$6,000 to \$6,999	914	15	70	146	322	110	34	5	137	32	43	—
\$7,000 to \$9,999	2 722	39	397	627	1 012	129	122	16	193	84	97	6
\$10,000 to \$14,999	2 574	27	378	622	1 056	121	73	—	209	47	32	9
\$15,000 to \$24,999	987	8	117	222	454	51	25	24	78	8	—	—
\$25,000 or more	95	—	—	17	68	6	—	—	—	4	—	—
Median	\$7 400	\$7 300	\$9 700	\$9 700	\$9 100	\$4 500	\$7 400	\$3 100	\$5 300	\$3 600	\$3 100	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied ¹	11 125	115	1 011	1 729	3 549	1 051	371	121	1 294	591	712	581
Less than 1.5	5 034	48	590	1 027	2 088	344	165	34	438	152	124	24
1.5 to 1.9	1 902	10	228	407	625	146	75	5	219	76	72	29
2.0 to 2.4	1 230	18	108	163	403	107	53	14	183	57	90	34
2.5 to 2.9	630	13	52	43	158	96	23	9	99	51	58	28
3.0 to 3.9	626	10	28	26	92	126	30	11	112	49	91	51
4.0 or more	1 500	—	5	63	163	227	15	—	201	186	221	371
Not computed	203	6	—	—	20	5	10	—	42	20	56	44
Renter occupied housing units	17 728	1 191	2 047	1 276	2 081	451	888	237	5 603	535	2 516	903
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	16 472	1 156	1 975	1 225	1 899	410	787	204	5 391	469	2 223	733
0.50 or less	6 123	241	247	209	529	193	329	79	1 194	213	2 172	717
0.51 to 1.00	7 338	739	1 140	553	934	164	408	102	3 022	209	51	16
1.01 to 1.50	2 386	139	477	367	285	48	34	14	988	34	—	—
1.51 or more	625	37	111	96	151	5	16	9	187	13	—	—
Lacking some or all plumbing facilities	1 256	35	72	51	182	41	101	33	212	66	293	170
0.50 or less	538	4	5	6	48	9	23	20	30	20	207	166
0.51 to 1.00	475	13	43	6	89	26	68	13	108	19	86	4
1.01 to 1.50	119	12	13	22	22	5	5	—	28	17	—	—
1.51 or more	124	6	11	17	23	6	5	—	46	10	—	—
UNITS IN STRUCTURE												
1	7 293	300	686	581	1 038	194	366	115	2 748	293	697	275
2 to 4	6 931	393	763	510	841	222	356	111	1 810	180	1 272	473
5 to 19	2 938	382	483	161	186	35	140	11	912	62	441	125
20 or more	566	116	115	24	16	—	26	—	133	—	106	30
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT												
Specified renter occupied ²	17 320	1 170	1 995	1 244	2 055	451	881	232	5 379	528	2 492	893
Less than \$50	1 001	17	25	27	77	14	45	18	376	61	179	162
\$50 to \$59	1 352	38	32	40	115	20	62	20	651	43	177	154
\$60 to \$69	1 722	39	83	85	187	43	90	23	629	67	318	158
\$70 to \$79	1 614	42	103	89	181	81	85	45	425	59	371	133
\$80 to \$99	4 171	312	514	286	529	120	192	55	1 134	126	718	185
\$100 to \$119	4 125	392	639	363	530	102	238	42	1 223	117	430	49
\$120 to \$149	2 507	278	513	255	294	50	119	25	670	39	245	19
\$150 to \$199	606	41	73	73	109	16	22	—	225	11	29	7
\$200 to \$299	70	7	5	15	11	—	14	—	13	—	5	—
\$300 or more	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	152	4	8	11	22	5	14	4	33	5	20	26
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	17 320	1 170	1 995	1 244	2 055	451	881	232	5 379	528	2 492	893
Less than \$5,000	10 137	352	354	319	802	318	426	180	4 087	442	1 983	874
Less than 20 percent	740	45	20	54	90	13	43	21	279	33	105	37
20 to 24 percent	1 064	38	55	60	104	51	41	—	465	41	177	32
25 to 34 percent	2 217	77	111	74	262	78	143	25	897	70	404	76
35 percent or more	5 650	181	146	127	346	170	177	130	2 263	273	1 163	674
Not computed	466	11	22	4	—	6	22	4	183	25	134	55
\$5,000 to \$9,999	5 530	654	1 143	638	948	117	391	36	1 051	75	465	12
Less than 20 percent	3 345	353	695	414	606	69	236	21	593	47	306	5
20 to 24 percent	1 373	223	317	128	220	18	84	15	251	14	96	7
25 to 34 percent	692	75	126	81	86	25	51	—	176	9	63	—
35 percent or more	74	3	5	15	14	—	6	—	31	—	—	—
Not computed	46	—	—	—	22	5	14	—	—	5	—	—
\$10,000 to \$14,999	1 287	128	418	239	195	10	54	16	165	11	44	7
Less than 20 percent	1 255	124	411	232	189	10	50	16	161	11	44	7
20 to 24 percent	18	—	4	—	6	—	4	—	4	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	14	4	3	7	—	—	—	—	—	—	—	—
\$15,000 or more	366	36	80	48	110	6	10	—	76	—	—	—
Less than 20 percent	359	36	80	48	110	6	10	—	69	—	—	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	7	—	—	—	—	—	—	—	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-18. Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

Richmond	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	12 119	1 507	3 194	2 281	1 744	1 361	929	664	439	3.1
BEDROOMS										
None and 1	722	293	335	32	20	16	-	26	-	1.7
2	4 302	724	1 663	1 028	516	149	158	44	20	2.4
3	4 428	315	735	859	976	829	440	164	110	3.8
4 or more	2 689	148	310	287	470	437	384	387	266	4.8
YEAR STRUCTURE BUILT										
1969 to March 1970	40	9	5	6	20	-	-	-	-	...
1965 to 1968	336	27	65	74	78	51	33	8	4	3.5
1960 to 1964	664	35	139	191	131	63	63	28	14	3.3
1950 to 1959	1 954	180	434	420	296	290	168	127	39	3.4
1940 to 1949	2 650	255	734	471	419	291	200	193	87	3.2
1939 or earlier	6 475	1 001	1 817	1 119	800	666	465	308	299	2.9
UNITS IN STRUCTURE										
1	11 378	1 312	2 980	2 167	1 629	1 319	899	643	429	3.1
2 or more	707	186	201	114	108	37	30	21	10	2.3
Mobile home or trailer	34	9	13	-	7	5	-	-	-	...
COMPLETE BATHROOMS										
1 and 1/2	10 266	1 240	2 818	1 988	1 449	1 111	766	596	298	3.0
2 and 2 1/2	1 427	127	316	254	175	210	130	72	143	3.6
3 or more	81	5	29	12	9	14	12	-	-	...
None or also used by another household	407	133	112	69	27	33	6	6	21	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	10 612		3 194	2 281	1 744	1 361	929	664	439	3.4
Male head, wife present, no nonrelatives	7 960	...	2 162	1 662	1 392	1 105	758	515	366	3.6
Under 25 years	141	...	15	53	41	16	12	4	-	3.6
25 to 34 years	1 068	...	121	223	304	159	110	88	63	4.1
35 to 44 years	1 845	...	178	327	384	337	318	184	117	4.6
45 to 64 years	3 752	...	1 198	823	577	498	259	215	182	3.3
65 years and over	1 154	...	650	236	86	95	59	24	4	3.0
Other male head	547	...	204	152	58	55	46	18	14	2.4
Under 65 years	408	...	139	114	38	49	41	18	9	3.1
65 years and over	139	...	65	38	20	6	5	-	5	2.6
Female head	2 105	...	828	467	294	201	125	131	59	3.0
Under 65 years	1 443	...	515	300	229	157	96	92	54	3.2
65 years and over	662	...	313	167	65	44	29	39	5	2.6
One-person households	1 507	1 507								1.0
VALUE-INCOME RATIO										
Specified owner-occupied¹	11 125	1 293	2 896	2 122	1 583	1 297	887	633	414	3.1
Less than 1.5	5 034	148	1 102	1 082	885	679	567	334	237	3.7
1.5 to 1.9	1 902	101	506	370	278	316	133	127	71	3.4
2.0 to 2.4	1 230	124	351	254	178	130	52	76	65	3.1
2.5 to 2.9	630	86	178	142	72	60	59	20	13	2.9
3.0 to 3.9	626	142	229	89	48	37	25	38	18	2.2
4.0 or more	1 500	592	477	166	109	66	51	29	10	1.8
Not computed	203	100	53	19	13	9	-	9	-	1.5
Renter occupied housing units	17 728	3 419	4 341	3 155	2 401	1 683	1 193	945	591	2.8
BEDROOMS										
None	201	163	38	-	-	-	-	-	-	...
1	3 626	1 610	1 206	525	182	30	52	21	-	1.7
2	9 114	1 432	2 875	1 927	1 422	907	355	153	43	2.6
3 or more	4 794	263	385	649	761	550	779	1 003	404	5.1
YEAR STRUCTURE BUILT										
1969 to March 1970	561	96	121	136	95	37	40	21	15	3.0
1965 to 1968	1 534	216	477	447	242	71	71	10	-	2.7
1960 to 1964	1 675	227	433	310	326	163	91	93	32	3.1
1950 to 1959	2 692	341	518	561	491	305	187	175	114	3.4
1940 to 1949	2 534	455	643	468	338	238	165	149	78	2.9
1939 or earlier	8 732	2 084	2 149	1 233	909	869	639	497	352	2.6
UNITS IN STRUCTURE										
1	7 293	972	1 589	1 193	1 060	769	641	627	442	3.4
2	4 389	1 058	1 205	704	478	425	275	152	92	2.4
3 and 4	2 542	687	645	471	356	183	91	90	19	2.4
5 to 9	1 870	368	393	409	282	193	137	65	23	2.9
10 to 19	1 068	198	320	284	136	93	22	5	10	2.6
20 or more	566	136	189	94	89	20	27	6	5	2.3
Mobile home or trailer	-	-	-	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1/2	15 653	2 836	3 799	2 952	2 223	1 536	1 040	775	492	2.9
2 or more	518	55	67	67	67	87	63	48	64	4.5
None or also used by another household	1 566	549	425	148	154	94	75	50	71	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	14 309		4 341	3 155	2 401	1 683	1 193	945	591	3.4
Male head, wife present, no nonrelatives	7 046	...	1 913	1 581	1 241	802	627	550	332	3.5
Under 25 years	1 191	...	312	478	209	137	34	21	-	3.1
25 to 34 years	2 047	...	324	554	499	261	210	141	58	3.8
35 to 44 years	1 276	...	227	177	209	172	178	184	129	4.6
45 to 64 years	2 081	...	740	325	290	221	199	173	133	3.4
65 years and over	451	...	310	47	34	11	6	31	12	2.2
Other male head	1 125	...	618	261	87	105	21	25	8	2.4
Under 65 years	888	...	469	215	87	78	21	10	8	2.4
65 years and over	237	...	149	46	-	27	-	15	-	2.3
Female head	6 138	...	1 810	1 313	1 073	776	545	370	251	3.5
Under 65 years	5 603	...	1 507	1 235	990	765	522	345	239	3.6
65 years and over	535	...	303	78	83	11	23	25	12	2.4
One-person households	3 419	3 419								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	17 320	3 385	4 263	3 057	2 319	1 650	1 161	920	565	2.8
Less than 10 percent	872	86	221	105	160	100	80	80	40	3.7
10 to 14 percent	2 184	140	533	499	339	248	186	136	103	3.3
15 to 19 percent	2 643	278	593	584	430	279	216	169	94	3.3
20 to 24 percent	2 455	312	620	470	379	258	187	139	90	3.1
25 to 34 percent	2 909	543	671	542	419	290	195	158	91	2.9
35 percent or more	5 724	1 837	1 496	786	569	423	274	204	135	2.2
Not computed	533	189	129	71	23	52	23	34	12	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.

Appendix A.—AREA CLASSIFICATIONS

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

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

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <small>Average monthly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used</p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <small>Average monthly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used</p> <p>c. Water? <input checked="" type="checkbox"/> <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <small>Yearly cost</small> <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <small>Yearly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used</p>	<p>H19. Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p> <p><input checked="" type="checkbox"/></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 <input type="radio"/> In some other way—Describe → _____ <input type="radio"/> None, unit has no heating equipment</p>	<p>H20. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1940 to 1949 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does <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</p> <p><input checked="" type="checkbox"/></p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant:</p> <p><input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19 <input type="radio"/> On a place of less than 10 acres? <input type="radio"/> On a place of 10 acres or more?</p>	<p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 automobiles or more</p> <p><input checked="" type="checkbox"/></p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="checkbox"/> <input type="radio"/> \$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

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

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

	<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 .....	...	1.0	...
Rooms	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS			
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1
Bedrooms .....	...	...	2.1	Value-income ratio	1.0	1.2	...
PLUMBING CHARACTERISTICS				Gross rent	0.9	1.1	2.1
Complete bathrooms .....	...	1.1	...	Gross rent as percentage of income	1.0	1.2	...
Plumbing facilities	1.0	...	...	Sales price asked	1.1	...	2.5
STRUCTURAL CHARACTERISTICS				Rent asked	1.1	...	2.5
Units in structure	0.8	0.9	1.7	HOUSEHOLD CHARACTERISTICS			
Year structure built	0.9	1.0	...	Household composition	0.6	0.7	...
				Income in 1969	1.0	1.2	2.3
				ALL OTHERS	1.0	1.2	2.2

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

■ Series HC(1)-A.

GENERAL HOUSING CHARACTERISTICS

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

■ Series HC(1)-B.

DETAILED HOUSING CHARACTERISTICS

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

Volume II.

METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

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

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

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

■ Series PC(1)-A.

NUMBER OF INHABITANTS.

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

■ Series PC(1)-B.

GENERAL POPULATION CHARACTERISTICS

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

■ Series PC(1)-C.

GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume 11.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

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

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

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

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

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

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

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

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

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE



OFFICIAL BUSINESS

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
