

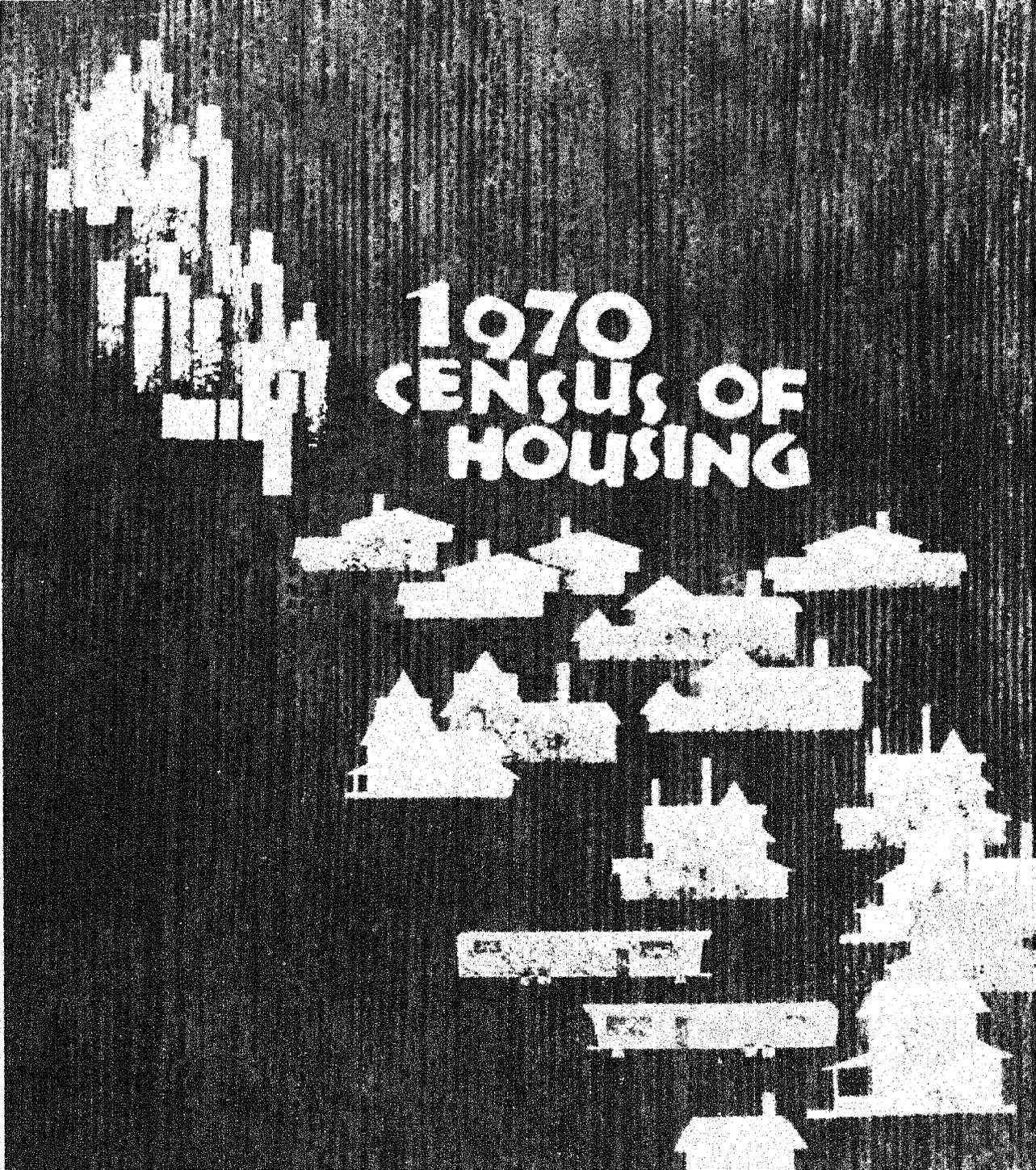
A UNITED STATES  
DEPARTMENT OF  
**COMMERCE**  
PUBLICATION



# Metropolitan Housing Characteristics

WEST PALM BEACH, FLA.  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-235

The background of the lower half of the cover is a dark, textured field. On the left side, there is a stylized, white silhouette of a city skyline with various building heights. In the center and right, there are several white silhouettes of houses of different shapes and sizes, some with gabled roofs and others with flat roofs. The text "1970 CENSUS OF HOUSING" is printed in large, bold, white, sans-serif capital letters across the middle of the image.

1970  
CENSUS OF  
HOUSING

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

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**1970  
CENSUS OF  
HOUSING**

Metropolitan  
Housing  
Characteristics

**WEST PALM BEACH, FLA.  
STANDARD METROPOLITAN  
STATISTICAL AREA**

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129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, Oreg.-Wash. SMSA	213	Steubenville-Weirton, Ohio- W. Va. SMSA
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133	Midland, Tex. SMSA	175	Racine, Wis. SMSA	217	Tallahassee, Fla. SMSA
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## TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

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

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	9 <sup>1</sup>	9	9	—	—	—	9
<b>UTILIZATION CHARACTERISTICS</b>										
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†	—	—
<b>PLUMBING CHARACTERISTICS</b>										
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†	—	—
<b>STRUCTURAL CHARACTERISTICS</b>										
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*	—	—	—	—	—	—	—	—
<b>EQUIPMENT AND APPLIANCES</b>										
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*	—	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>										
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 <sup>1</sup>	—	—	—	—	9	—
Rent asked	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
Inclusion of utilities in rent	—	—	—	—	—	—	—	—	—	10
<b>HOUSEHOLD CHARACTERISTICS</b>										
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†	—	—

<sup>1</sup> Vacant units tabulated by plumbing facilities only.

# INTRODUCTION

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## GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

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

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

#### PROCESSING PROCEDURES

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

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

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

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

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**West Palm Beach, Fla.**  
STANDARD METROPOLITAN STATISTICAL AREA

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# Counties, Standard Metropolitan Statistical Areas, and Selected Places

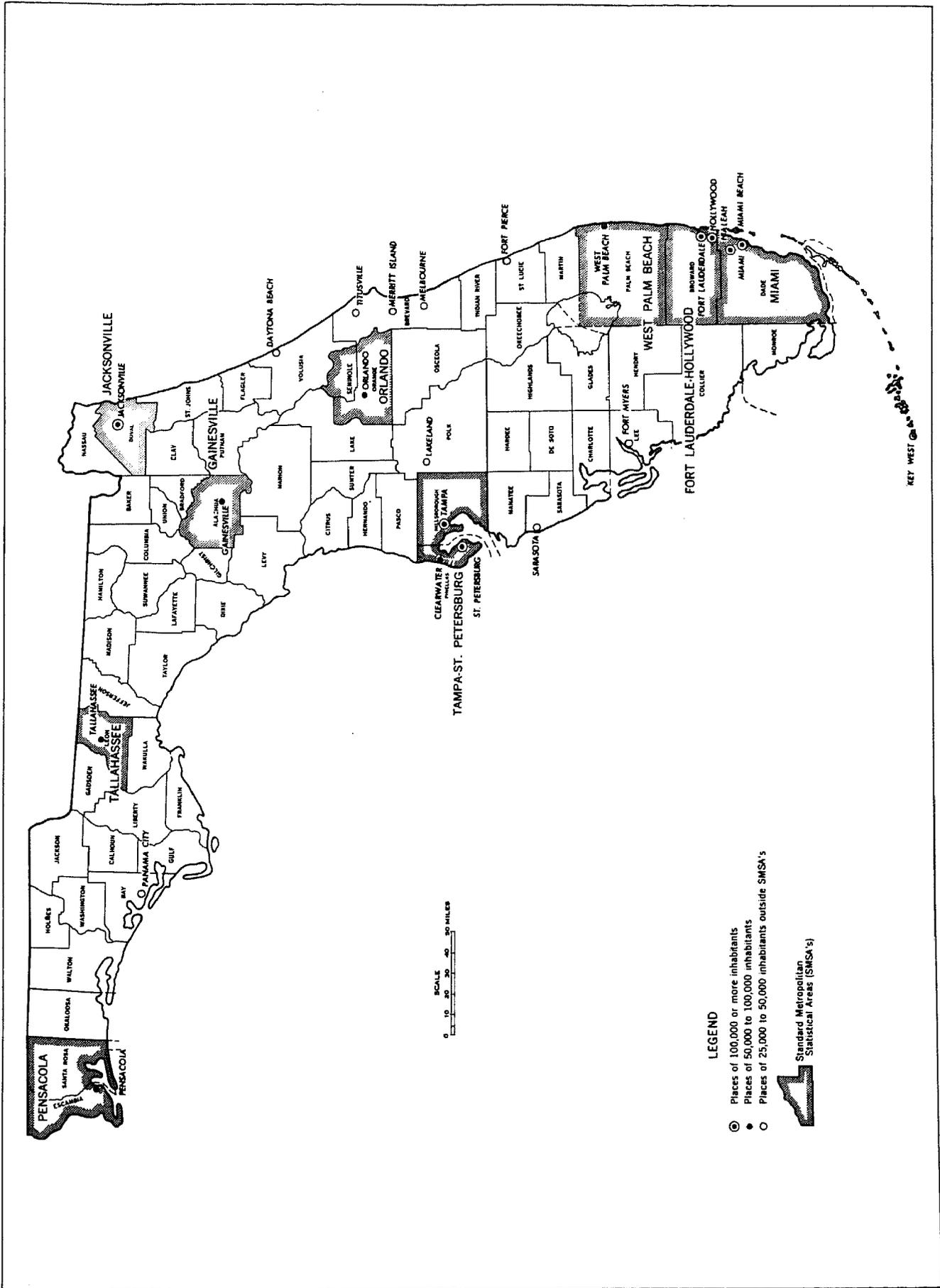


Table A-1. Value of Owner Occupied Housing Units: 1970

[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)
<b>Specified owner occupied<sup>1</sup></b>	<b>64 515</b>	<b>1 122</b>	<b>2 760</b>	<b>4 543</b>	<b>8 170</b>	<b>8 062</b>	<b>13 962</b>	<b>8 926</b>	<b>7 673</b>	<b>4 940</b>	<b>4 357</b>	<b>17 600</b>
<b>ROOMS</b>												
1 and 2 rooms	645	127	75	112	120	38	98	37	9	5	24	10 200
3 rooms	2 240	191	374	437	380	293	341	100	53	49	22	10 800
4 rooms	11 250	390	1 058	1 756	2 393	1 888	2 013	811	611	198	132	12 500
5 rooms	21 777	252	829	1 550	3 558	3 552	5 750	2 988	1 946	944	408	15 900
6 rooms	15 799	85	290	495	1 289	1 748	3 968	3 161	2 542	1 322	899	20 000
7 rooms	7 876	54	110	143	323	384	1 304	1 357	1 686	1 384	1 131	26 600
8 rooms or more	4 928	23	24	50	107	159	488	472	826	1 038	1 741	39 600
Median	5.3	4.1	4.4	4.5	4.8	5.0	5.3	5.7	6.0	6.5	7.1	...
<b>PERSONS</b>												
1 person	8 364	336	725	1 025	1 420	1 169	1 575	808	584	290	432	13 900
2 persons	23 880	319	1 093	1 688	3 027	3 125	5 347	3 151	2 647	1 743	1 740	17 200
3 persons	10 489	170	336	648	1 227	1 267	2 434	1 511	1 345	817	734	18 200
4 persons	9 715	92	234	448	931	1 188	2 175	1 634	1 534	872	605	19 500
5 persons	6 286	68	114	320	684	656	1 391	1 052	839	703	459	19 700
6 persons or more	5 781	137	258	414	861	657	1 040	770	722	515	387	17 600
Median	2.5	2.2	2.1	2.2	2.4	2.4	2.5	2.8	3.0	3.0	2.5	...
Units with roomers, boarders, or lodgers	1 197	38	98	157	217	153	245	103	92	66	28	13 900
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>63 655</b>	<b>904</b>	<b>2 567</b>	<b>4 422</b>	<b>8 086</b>	<b>8 006</b>	<b>13 873</b>	<b>8 890</b>	<b>7 658</b>	<b>4 919</b>	<b>4 330</b>	<b>17 700</b>
0.50 or less	36 788	452	1 570	2 566	4 402	4 503	7 917	4 817	4 376	2 888	3 297	17 900
0.51 to 1.00	23 429	323	765	1 361	2 901	2 955	5 331	3 766	3 065	1 962	1 000	18 200
1.01 to 1.50	2 599	79	158	344	582	391	511	252	185	64	33	13 400
1.51 or more	839	50	74	151	201	157	114	55	32	5	—	11 800
<b>Locking some or all plumbing facilities</b>	<b>860</b>	<b>218</b>	<b>193</b>	<b>121</b>	<b>84</b>	<b>56</b>	<b>89</b>	<b>34</b>	<b>15</b>	<b>21</b>	<b>27</b>	<b>7 900</b>
0.50 or less	495	103	106	63	43	46	60	26	15	16	17	9 000
0.51 to 1.00	223	71	50	31	21	10	25	10	—	5	—	7 000
1.01 to 1.50	48	13	15	5	5	—	4	—	—	—	—	—
1.51 or more	94	31	22	22	15	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None and 1	2 671	324	499	518	491	234	258	116	148	20	63	10 000
2	25 850	542	1 801	2 664	4 152	3 807	5 970	3 090	2 113	1 101	610	15 000
3	29 243	222	738	1 060	3 177	3 418	7 430	4 923	3 717	2 717	1 832	18 900
4 or more	7 356	41	138	104	379	182	834	1 214	1 380	1 339	1 745	30 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	3 062	11	20	33	31	119	441	531	604	695	577	30 700
1965 to 1968	7 184	22	44	143	380	477	1 293	1 256	1 415	1 227	927	24 900
1960 to 1964	16 788	61	242	629	1 750	1 962	4 123	2 811	2 714	1 479	1 017	19 500
1950 to 1959	24 502	354	1 013	1 913	3 718	3 839	5 988	3 512	2 185	1 037	943	16 100
1940 to 1949	5 913	248	626	731	1 143	888	1 083	354	339	211	290	13 100
1939 or earlier	7 066	426	815	1 094	1 148	777	1 034	462	416	291	603	12 700
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	32 535	836	2 262	4 129	7 010	6 462	8 078	2 361	1 023	272	102	13 300
2 and 2 1/2	26 313	43	108	254	910	1 687	5 573	6 198	6 264	3 770	1 506	23 700
3 or more	4 382	—	7	8	90	25	77	195	405	821	2 754	50 000+
None or also used by another household	1 005	209	183	180	152	59	94	40	27	26	35	9 000
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>56 151</b>	<b>786</b>	<b>2 035</b>	<b>3 518</b>	<b>6 750</b>	<b>6 893</b>	<b>12 387</b>	<b>8 118</b>	<b>7 089</b>	<b>4 650</b>	<b>3 925</b>	<b>18 200</b>
Male head, wife present, no nonrelatives	48 331	560	1 498	2 756	5 598	5 796	10 823	7 304	6 369	4 263	3 364	18 600
Under 25 years	811	19	41	40	140	194	184	123	45	25	—	14 600
25 to 34 years	6 768	48	79	340	877	847	1 748	1 108	995	569	157	18 500
35 to 44 years	9 555	98	178	409	1 022	1 073	1 955	1 647	1 574	945	654	20 100
45 to 64 years	19 604	234	647	1 112	2 079	2 320	4 445	2 796	2 558	1 882	1 531	18 700
65 years and over	11 593	161	553	855	1 480	1 362	2 491	1 630	1 197	842	1 022	17 500
Other male head	2 168	45	132	220	266	288	404	193	161	119	340	16 500
Under 65 years	1 404	19	74	161	166	197	317	120	122	88	138	16 200
65 years and over	764	26	56	59	100	91	87	73	39	31	202	17 500
Female head	5 652	181	405	542	886	809	1 160	621	559	268	221	15 000
Under 65 years	4 266	130	240	395	668	622	888	518	449	185	171	15 400
65 years and over	1 386	51	165	147	218	187	272	103	110	83	50	14 000
<b>One-person households</b>	<b>8 364</b>	<b>336</b>	<b>725</b>	<b>1 025</b>	<b>1 420</b>	<b>1 169</b>	<b>1 575</b>	<b>808</b>	<b>584</b>	<b>290</b>	<b>432</b>	<b>13 900</b>
Under 65 years	3 328	115	234	340	542	506	642	367	287	146	149	14 600
65 years and over	5 036	221	491	685	878	663	933	441	297	144	283	13 400
<b>INCOME IN 1969</b>												
Less than \$2,000	5 786	359	708	805	978	749	1 041	420	371	120	235	12 600
\$2,000 to \$2,999	3 410	107	312	516	700	530	662	314	167	40	62	12 800
\$3,000 to \$3,999	3 382	146	299	409	658	552	665	327	188	79	59	13 300
\$4,000 to \$4,999	3 349	84	260	384	580	543	727	380	211	123	57	14 200
\$5,000 to \$5,999	3 427	93	173	369	670	517	852	421	168	113	51	14 500
\$6,000 to \$6,999	3 385	63	215	388	542	522	853	361	308	83	50	14 800
\$7,000 to \$9,999	11 181	159	333	755	1 826	1 779	2 895	1 489	1 197	546	202	16 200
\$10,000 to \$14,999	14 955	89	342	644	1 642	2 059	3 936	2 595	2 142	1 030	476	18 400
\$15,000 to \$24,999	10 666	22	96	242	486	744	2 051	2 168	2 145	1 813	899	23 900
\$25,000 or more	4 974	—	22	31	88	67	280	451	776	993	2 266	46 700
Median	\$9 600	\$3 700	\$4 200	\$5 400	\$6 900	\$8 000	\$9 300	\$11 400	\$12 900	\$16 900	\$26 600	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	9 694	69	131	300	638	901	1 841	1 471	1 754	1 306	1 283	23 300
1968	6 164	34	117	260	705	707	1 252	964	975	634	516	20 000
1967	4 519	32	134	280	548	612	843	667	644	487	272	19 000
1965 and 1966	8 059	109	234	605	913	993	1 797	1 077	1 112	686	533	18 200
1960 to 1964	15 142	168	433	1 071	1 980	1 963	3 711	2 232	1 797	975	812	17 400
1950 to 1959	15 884	378	887	1 329	2 553	2 509	3 595	2 049	1 186	666	732	15 400
1949 or earlier	4 773	298	624	726	825	548	783	334	251	135	249	12 200
<b>HEATING EQUIPMENT</b>												
Steam or hot water	325	9	4	30	34	15	83	29	38	36	47	19 300
Warm-air furnace	16 509	22	105	138	401	655	2 098	2 860	4 016	3 349	2 865	29 900
Built-in electric units	14 922	69	199	703	1 504	1 957	4 072	2 425	1 951	978	1 064	18 700
Floor, wall, or pipeless furnace	4 029	24	77	238	660	595	1 337	742	296	46	14	16 600
Other means	27 454	894	2 224	3 228	5 334	4 671	6 178	2 748	1 331	503	343	13 600
None	1 276	104	151	206	237</							

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)
<b>Specified renter occupied<sup>1</sup></b>	<b>39 156</b>	<b>2 620</b>	<b>1 509</b>	<b>2 341</b>	<b>2 729</b>	<b>6 701</b>	<b>5 722</b>	<b>5 542</b>	<b>5 199</b>	<b>2 886</b>	<b>1 351</b>	<b>2 556</b>	<b>108</b>
<b>ROOMS</b>													
1 room	3 644	1 353	448	365	298	365	210	125	53	53	56	318	57
2 rooms	5 762	497	337	671	755	1 290	741	563	397	145	58	308	86
3 rooms	9 967	449	391	726	908	1 961	1 583	1 368	1 271	558	281	471	104
4 rooms	11 815	248	207	397	524	2 012	2 026	2 173	2 014	1 110	515	589	123
5 rooms	4 946	44	77	139	181	839	698	813	939	628	204	384	131
6 rooms	2 044	20	20	43	52	196	352	325	393	278	101	264	139
7 rooms	613	4	12	-	11	27	64	138	94	72	69	122	148
8 rooms or more	365	5	17	-	-	11	48	37	38	42	67	100	169
Median	3.5	1.5	2.4	2.7	2.8	3.4	3.7	3.8	3.9	4.1	4.0	3.8	...
<b>PERSONS</b>													
1 person	12 064	1 591	803	1 106	1 036	1 949	1 476	1 218	1 026	613	325	921	90
2 persons	12 308	451	358	600	822	1 947	1 739	1 801	1 971	1 157	647	815	118
3 persons	5 384	186	135	258	311	1 038	736	1 043	872	396	136	273	117
4 persons	3 958	153	51	142	196	684	656	656	729	393	97	177	120
5 persons	2 375	83	47	90	139	432	466	362	302	196	94	264	113
6 persons or more	3 067	156	115	145	225	655	621	462	299	131	52	206	104
Median	2.1	1.3	1.4	1.6	1.9	2.2	2.3	2.4	2.3	2.2	2.0	1.9	...
Units with roomers, boarders, or lodgers	1 177	80	66	64	143	234	167	143	141	80	6	53	98
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>35 269</b>	<b>1 139</b>	<b>1 068</b>	<b>1 898</b>	<b>2 406</b>	<b>6 270</b>	<b>5 539</b>	<b>5 500</b>	<b>5 155</b>	<b>2 854</b>	<b>1 318</b>	<b>2 122</b>	<b>114</b>
0.50 or less	15 378	482	505	838	1 044	2 596	2 215	2 093	2 225	1 434	741	1 205	115
0.51 to 1.00	14 755	447	377	805	917	2 385	2 297	2 680	2 477	1 236	484	650	118
1.01 to 1.50	2 850	83	100	134	187	657	530	446	385	139	51	138	107
1.51 or more	2 286	127	86	121	258	632	497	281	68	45	42	129	95
<b>Lacking some or all plumbing facilities</b>	<b>3 887</b>	<b>1 481</b>	<b>441</b>	<b>443</b>	<b>323</b>	<b>431</b>	<b>183</b>	<b>42</b>	<b>44</b>	<b>32</b>	<b>33</b>	<b>434</b>	<b>56</b>
0.50 or less	695	122	75	152	83	66	36	13	15	16	25	92	67
0.51 to 1.00	1 924	994	197	143	72	168	56	9	19	10	8	248	50
1.01 to 1.50	251	10	30	44	41	66	27	16	-	-	-	17	78
1.51 or more	1 017	355	139	104	127	131	64	4	10	6	-	77	58
<b>BEDROOMS</b>													
None	4 361	1 570	514	561	323	401	212	179	80	95	27	399	58
1	15 609	766	667	1 438	1 471	3 240	2 087	2 304	1 745	967	353	571	100
2	14 356	266	262	499	582	2 716	2 432	2 640	2 205	1 471	640	643	121
3 or more	4 792	40	171	125	136	516	518	958	797	578	265	688	137
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	2 303	107	61	56	22	137	73	204	625	723	194	101	185
1965 to 1968	5 447	222	105	107	145	429	739	969	1 293	873	380	185	147
1960 to 1964	6 353	140	120	222	368	821	930	1 204	1 327	511	343	367	130
1950 to 1959	10 227	598	345	599	771	2 023	1 711	1 483	1 135	492	269	801	104
1940 to 1949	6 378	622	378	563	560	1 412	1 053	787	443	140	43	377	92
1939 or earlier	8 448	931	500	794	863	1 879	1 216	895	376	147	122	725	88
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	2 001	159	23	-	90	64	63	44	63	585	725	185	269
With elevator	2 001	159	23	-	90	64	63	44	63	585	725	185	269
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 3 floors	37 117	2 483	1 591	2 623	2 422	6 809	5 186	6 037	4 764	2 526	560	2 116	106
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	30 614	1 097	986	1 769	2 287	6 094	5 434	4 876	4 398	1 586	401	1 686	108
2 or more	4 308	62	29	8	66	67	177	381	859	1 191	931	537	220
None or also used by another household	4 263	1 454	444	477	434	524	257	113	57	45	19	439	60
<b>INCOME IN 1969</b>													
Less than \$2,000	6 745	1 113	520	718	647	1 293	733	505	288	209	98	621	81
\$2,000 to \$2,999	3 676	444	225	303	383	743	564	353	290	134	46	191	89
\$3,000 to \$3,999	3 671	368	236	350	365	725	543	410	256	88	49	281	91
\$4,000 to \$4,999	3 486	188	179	279	336	746	624	465	308	105	28	228	97
\$5,000 to \$5,999	3 438	192	133	160	243	748	590	575	370	212	17	198	105
\$6,000 to \$6,999	3 018	115	63	151	216	624	496	549	386	178	42	198	110
\$7,000 to \$7,999	6 588	116	118	223	365	1 199	1 159	1 224	1 211	551	94	328	119
\$10,000 to \$14,999	5 253	52	35	130	127	467	796	1 060	1 415	684	204	283	145
\$15,000 to \$24,999	2 251	24	-	2	37	121	200	299	56	503	348	131	182
\$25,000 or more	1 030	8	-	5	10	35	17	102	109	222	425	97	281
Median	\$5 600	\$2 400	\$3 000	\$3 400	\$3 900	\$4 800	\$5 700	\$6 800	\$8 700	\$9 800	\$17 800	\$4 800	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	18 029	837	394	753	968	2 614	2 503	2 824	3 352	2 123	804	857	125
1968	5 868	284	133	320	499	1 055	1 003	950	843	253	174	354	109
1967	3 451	242	141	197	255	604	667	472	398	180	82	213	105
1965 and 1966	4 636	400	261	437	415	936	665	602	326	152	120	322	94
1960 to 1964	4 009	460	243	291	404	851	680	307	217	60	83	413	89
1950 to 1949	2 358	235	203	221	170	495	279	157	171	36	88	303	88
1949 or earlier	834	155	84	35	76	130	71	58	7	18	-	200	76
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	2 601	558	161	264	224	415	316	267	148	122	126	...	84
10 to 14 percent	5 532	372	250	360	459	1 119	1 015	824	701	246	186	...	104
15 to 19 percent	6 051	318	248	332	396	1 251	990	999	1 018	408	91	...	110
20 to 24 percent	4 840	284	159	268	360	791	692	814	926	397	149	...	116
25 to 34 percent	5 856	317	189	281	359	989	967	1 072	892	558	232	...	116
35 percent or more	11 079	691	465	761	868	2 015	1 670	1 493	1 479	1 111	526	...	109
Not computed	3 197	80	37	75	63	121	72	73	35	44	41	2 556	88
<b>AIR CONDITIONING</b>													
Room unit(s)	12 827	159	140	249	572	1 711	2 265	2 968	2 618	808	408	929	129
Central system	5 236	-	39	47	50	55	129	339	1 694	1 653	880	350	205
None	21 122	2 454	1 280	1 958	2 165	4 919	3 474	2 063	1 002	361	63	1 383	88

<sup>1</sup>Excludes 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)
<b>Owner occupied housing units</b> .....	<b>83 405</b>	<b>8 071</b>	<b>4 992</b>	<b>5 019</b>	<b>4 765</b>	<b>4 789</b>	<b>4 573</b>	<b>14 385</b>	<b>17 895</b>	<b>12 476</b>	<b>6 440</b>	<b>9 000</b>
<b>ROOMS</b>												
1 and 2 rooms .....	2 305	549	266	301	185	135	127	337	243	132	30	4 200
3 rooms .....	8 238	1 489	906	960	796	690	524	1 173	994	429	277	5 000
4 rooms .....	18 728	2 580	1 778	1 541	1 370	1 295	1 225	3 253	3 253	1 524	838	6 700
5 rooms .....	24 349	1 940	1 327	1 398	1 444	1 580	1 539	5 112	5 628	3 266	1 115	8 700
6 rooms .....	16 509	951	438	560	601	743	843	2 901	4 636	3 482	1 354	11 300
7 rooms or more .....	13 276	562	277	259	369	346	315	1 609	3 070	3 643	2 826	14 700
<b>PERSONS</b>												
1 person .....	13 269	4 632	1 842	1 443	1 045	881	557	1 187	849	467	366	3 100
2 persons .....	34 671	2 371	2 584	2 710	2 677	2 429	2 294	6 280	6 498	3 986	2 842	8 100
3 and 4 persons .....	22 676	776	419	590	698	999	1 208	4 410	6 738	4 894	1 944	11 700
5 persons .....	6 641	163	71	138	138	184	245	1 289	2 041	1 724	648	12 700
6 persons or more .....	6 148	129	76	138	207	296	269	1 219	1 769	1 405	640	12 100
Units with roomers, boarders, or lodgers .....	1 437	316	133	126	89	114	94	188	238	87	52	5 500
<b>BEDROOMS</b>												
Less than 3 .....	44 836	6 316	3 577	4 342	3 029	3 388	3 010	7 348	7 325	3 946	2 555	6 600
3 .....	30 817	1 697	880	851	1 055	1 357	1 380	6 066	8 685	6 402	2 444	11 200
4 or more .....	7 735	338	88	143	354	206	228	762	1 555	2 373	1 688	15 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	6 930	466	285	261	353	398	413	1 301	1 474	1 262	717	10 000
1960 to 1968 .....	33 982	2 129	1 588	1 844	1 773	1 754	1 964	6 212	7 963	5 686	3 069	9 900
1950 to 1959 .....	27 350	2 671	1 747	1 671	1 594	1 688	1 411	4 798	6 112	4 029	1 629	8 800
1949 or earlier .....	15 143	2 805	1 372	1 243	1 045	949	785	2 074	2 346	1 499	1 025	6 200
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	16 183	1 117	791	673	816	862	1 010	3 060	3 393	2 805	1 656	9 800
1968 .....	9 078	560	455	488	582	538	508	1 513	2 258	1 444	732	9 800
1960 to 1967 .....	34 909	2 849	2 005	2 072	1 941	1 977	2 009	6 331	8 010	5 083	2 632	9 200
1959 or earlier .....	23 224	3 465	1 899	1 713	1 526	1 314	1 046	3 580	4 352	3 008	1 321	7 500
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	55 333	3 331	1 993	2 486	2 468	2 603	2 681	9 694	13 919	10 380	5 778	10 900
Clothes dryer .....	28 371	961	563	794	826	895	874	4 100	7 198	7 191	4 969	13 600
Dishwasher .....	24 475	970	461	550	713	675	633	3 347	5 803	6 300	5 023	14 200
Home food freezer .....	15 249	753	380	411	763	550	723	2 616	3 592	3 239	2 222	12 600
Owned second home .....	7 819	523	329	353	345	368	382	822	1 283	1 232	1 957	12 200
With air conditioning .....	60 280	4 028	3 029	2 945	3 062	3 045	2 957	10 122	14 219	10 846	6 027	10 300
Room unit(s) .....	35 785	2 867	2 097	1 986	2 075	2 093	1 930	6 685	8 980	5 350	1 722	9 200
Central system .....	24 495	1 161	932	959	987	952	1 027	3 437	5 239	5 496	4 305	12 700
Automobiles available:												
1 .....	42 021	4 643	3 611	3 739	3 627	3 289	3 030	8 017	7 226	3 365	1 474	6 700
2 .....	29 920	762	460	641	772	969	1 275	5 633	9 023	6 864	3 521	12 500
3 or more .....	5 919	85	23	49	91	188	105	553	1 537	1 992	1 296	16 600
<b>Renter occupied housing units</b> .....	<b>39 942</b>	<b>6 835</b>	<b>3 737</b>	<b>3 762</b>	<b>3 571</b>	<b>3 567</b>	<b>3 085</b>	<b>6 739</b>	<b>5 336</b>	<b>2 276</b>	<b>1 034</b>	<b>5 600</b>
<b>ROOMS</b>												
1 room .....	3 701	1 281	564	501	411	220	238	238	131	60	57	3 000
2 rooms .....	5 860	1 598	688	721	583	622	425	710	336	119	58	3 900
3 rooms .....	10 077	1 880	1 043	1 028	955	959	740	1 634	1 126	484	228	5 100
4 rooms .....	12 026	1 426	1 041	964	1 062	1 042	1 049	2 409	1 900	760	373	6 500
5 rooms .....	5 117	359	281	359	414	444	384	1 216	1 062	435	163	7 800
6 rooms or more .....	3 161	291	120	189	146	280	249	532	781	418	155	8 700
<b>PERSONS</b>												
1 person .....	12 166	4 055	1 577	1 501	1 208	899	717	1 104	618	286	201	3 300
2 persons .....	12 487	1 365	1 120	1 051	1 101	1 175	1 016	2 237	2 015	877	530	6 400
3 and 4 persons .....	9 573	942	619	746	766	830	2 182	1 764	1 764	687	216	7 100
5 persons .....	2 470	151	140	135	202	287	225	567	483	240	40	7 500
6 persons or more .....	3 246	322	281	329	294	385	297	649	456	186	47	6 000
Units with roomers, boarders, or lodgers .....	1 200	380	173	116	118	131	76	118	73	10	5	3 400
<b>BEDROOMS</b>												
None .....	4 446	1 796	675	591	409	246	218	403	58	-	50	2 600
1 .....	15 790	3 025	1 803	1 635	1 988	1 988	1 248	2 248	1 236	686	281	4 900
2 .....	14 601	1 713	948	1 127	1 216	987	1 226	3 297	2 769	944	374	7 100
3 or more .....	5 122	363	247	249	392	446	460	968	1 225	508	264	8 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	2 357	241	217	158	137	233	168	416	395	289	103	7 200
1960 to 1968 .....	12 006	1 477	807	948	992	951	971	2 217	2 212	1 015	416	6 900
1950 to 1959 .....	10 419	1 709	982	1 041	933	943	789	1 819	1 398	487	318	5 600
1949 or earlier .....	15 160	3 408	1 731	1 615	1 509	1 440	1 157	2 287	1 331	485	197	4 500
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	18 308	2 436	1 537	1 607	1 548	1 592	1 662	3 525	2 815	1 111	475	6 300
1968 .....	5 980	963	556	432	499	546	495	857	1 054	435	143	6 000
1960 to 1967 .....	12 369	2 470	1 293	1 382	1 153	1 085	750	1 948	1 341	633	314	4 900
1959 or earlier .....	3 296	964	401	314	348	311	193	342	190	112	121	3 900
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied:	39 156	6 745	3 676	3 671	3 486	3 438	3 018	6 588	5 253	2 251	1 030	5 600
Less than 15 percent .....	8 133	5	40	196	244	432	479	2 031	2 492	1 394	820	11 300
15 to 19 percent .....	6 051	10	130	327	451	635	851	1 815	1 446	337	49	8 000
20 to 24 percent .....	4 840	67	276	435	675	748	563	1 252	592	204	28	6 400
25 to 34 percent .....	5 856	284	511	1 100	1 128	886	640	839	310	128	30	4 900
35 percent or more .....	11 079	5 117	2 528	1 332	760	539	287	323	130	57	6	2 200
Not computed .....	3 197	1 262	191	281	228	198	198	328	283	131	97	3 500
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	9 818	562	451	436	608	1 028	833	2 138	2 289	987	486	8 400
Clothes dryer .....	4 148	248	198	100	166	333	192	720	1 260	505	426	10 500
Dishwasher .....	3 562	168	126	119	167	330	166	602	920	566	398	10 600
Home food freezer .....	3 295	399	227	178	238	407	245	677	558	261	105	6 800
Owned second home .....	2 548	373	63	120	228	187	103	301	507	400	266	9 000
With air conditioning .....	18 286	1 927	1 176	1 172	1 229	1 428	1 420	3 385	3 821	1 801	927	7 700
Room unit(s) .....	12 991	1 499	878	921	1 073	1 073	1 085	2 644	2 652	940	368	7 100
Central system .....	5 295	428	298	251	298	355	335	641	1 169	861	559	9 800
Automobiles available:												
1 .....	21 401	2 428	1 713	2 117	2 239	2 325	2 001	4 136	2 838	1 049	555	5 900

**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	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
<b>Owner occupied housing units</b>	<b>83 405</b>	<b>81 984</b>	<b>47 925</b>	<b>29 983</b>	<b>3 034</b>	<b>1 042</b>	<b>1 421</b>	<b>829</b>	<b>426</b>	<b>53</b>	<b>113</b>
<b>PERSONS</b>											
1 person	13 269	12 793	12 624	169	-	-	476	455	21	-	-
2 persons	34 671	34 101	28 842	5 141	-	118	570	348	198	-	24
3 persons	12 068	11 951	5 123	6 744	75	9	117	15	86	12	4
4 persons	10 608	10 516	996	9 195	275	50	92	6	76	5	5
5 persons	6 641	6 570	340	5 718	419	93	71	5	20	16	30
6 persons or more	6 148	6 053	-	3 016	2 265	772	95	-	25	20	50
Median	2.3	2.3	1.9	3.8	6.3	7.3	1.9	1.4	2.5	...	5.3
Units with roomers, boarders, or lodgers	1 437	1 388	601	631	129	27	49	22	23	4	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	6 963	6 911	3 998	2 646	191	76	52	19	33	-	-
1965 to 1968	13 725	13 584	7 810	5 363	285	126	141	85	56	-	-
1960 to 1964	20 179	19 981	10 324	8 436	870	351	198	77	91	9	21
1950 to 1959	27 294	26 880	15 626	9 646	1 185	423	414	251	116	23	24
1940 to 1949	6 784	6 540	4 318	1 984	211	27	27	244	136	82	15
1939 or earlier	8 449	8 108	6 056	1 770	206	76	341	214	60	20	47
<b>INCOME IN 1969</b>											
Less than \$2,000	8 071	7 697	6 351	1 196	95	55	374	264	68	28	14
\$2,000 to \$2,999	4 992	4 834	3 956	775	62	41	158	103	55	-	-
\$3,000 to \$3,999	5 019	4 833	3 470	1 201	109	53	186	91	72	-	23
\$4,000 to \$4,999	4 765	4 623	3 197	1 211	124	91	142	72	63	-	7
\$5,000 to \$5,999	4 789	4 696	2 909	1 540	186	61	93	62	26	-	5
\$6,000 to \$6,999	4 573	4 473	2 591	1 600	174	108	100	54	33	5	8
\$7,000 to \$9,999	14 385	14 254	7 339	5 907	724	284	131	54	51	5	21
\$10,000 to \$14,999	17 895	17 743	8 229	8 327	961	226	152	80	45	5	28
\$15,000 to \$24,999	12 476	12 413	5 731	6 098	470	114	63	27	13	10	13
\$25,000 or more	6 440	6 418	4 152	2 128	129	9	22	22	-	-	2
Median	\$9 000	\$9 100	\$7 600	\$10 900	\$10 200	\$8 200	\$4 000	\$3 500	\$4 300	...	\$6 900
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied	64 515	63 655	36 788	23 429	2 599	839	860	495	223	48	94
Less than 1.5	20 500	20 185	8 932	9 498	1 368	387	315	121	111	14	69
1.5 to 1.9	11 332	11 239	5 349	5 207	527	162	93	45	26	7	15
2.0 to 2.4	7 595	7 524	4 076	3 057	287	104	71	40	19	6	6
2.5 to 2.9	5 340	5 298	3 020	2 046	142	90	42	30	12	-	-
3.0 to 3.9	6 435	6 320	4 504	1 624	146	44	115	92	17	6	-
4.0 or more	12 488	12 248	10 231	1 860	125	52	220	163	38	15	4
Not computed	825	821	680	137	4	-	4	4	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	466	462	321	103	-	-	-	-	-	-	-
Warm-air furnace	24 038	23 808	14 347	8 883	470	108	4	-	-	4	-
Built-in electric units	21 224	20 996	12 961	7 165	637	233	230	153	73	-	4
Floor, wall, or pipeless furnace	4 507	4 466	2 204	1 986	229	47	228	171	57	-	4
Other means	31 651	30 807	17 245	11 360	1 591	611	41	34	3	-	4
None	1 519	1 445	847	486	91	21	844	435	273	38	98
							74	36	20	11	7
<b>Renter occupied housing units</b>	<b>39 942</b>	<b>35 934</b>	<b>15 535</b>	<b>15 072</b>	<b>2 944</b>	<b>2 383</b>	<b>4 008</b>	<b>726</b>	<b>1 965</b>	<b>270</b>	<b>1 047</b>
<b>PERSONS</b>											
1 person	12 166	10 228	8 867	1 361	-	-	1 938	598	1 340	-	-
2 persons	12 487	11 629	6 123	5 117	-	389	858	119	407	-	332
3 persons	5 538	5 202	483	4 228	449	42	336	9	126	122	79
4 persons	4 035	3 809	35	2 970	524	280	226	-	56	23	147
5 persons	2 470	2 281	27	1 072	793	389	189	-	17	44	128
6 persons or more	3 246	2 785	-	324	1 578	1 283	461	-	19	81	361
Median	2.1	2.2	1.4	2.8	5.1	5.9	1.6	1.1	1.2	4.1	4.3
Units with roomers, boarders, or lodgers	1 200	1 030	299	547	110	74	170	-	40	7	123
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	2 256	2 211	1 003	959	163	86	45	8	29	-	8
1965 to 1968	5 440	5 374	2 445	2 288	367	274	66	16	41	-	9
1960 to 1964	6 671	6 347	2 612	2 678	551	506	324	110	134	35	45
1950 to 1959	10 555	9 449	3 682	4 072	942	753	1 106	155	540	90	321
1940 to 1949	6 530	5 468	2 178	2 249	609	432	1 062	205	471	65	321
1939 or earlier	8 501	7 296	3 798	2 730	359	409	1 205	191	611	58	345
<b>INCOME IN 1969</b>											
Less than \$2,000	6 835	5 423	3 238	1 662	202	321	1 412	351	716	81	264
\$2,000 to \$2,999	3 737	3 091	1 597	1 015	214	265	646	80	363	36	167
\$3,000 to \$3,999	3 762	3 094	1 456	1 128	247	263	668	121	361	47	139
\$4,000 to \$4,999	3 571	3 203	1 462	1 178	313	250	368	54	165	21	128
\$5,000 to \$5,999	3 567	3 259	1 253	1 358	378	270	308	26	146	14	122
\$6,000 to \$6,999	3 085	2 867	1 079	1 298	279	211	218	32	94	9	83
\$7,000 to \$9,999	6 739	6 485	2 246	3 101	686	452	254	33	87	35	99
\$10,000 to \$14,999	5 336	5 248	1 859	2 742	421	226	88	5	26	17	40
\$15,000 to \$24,999	2 276	2 240	776	1 227	168	69	36	19	7	5	5
\$25,000 or more	1 034	1 024	569	363	36	56	10	5	-	-	-
Median	\$5 600	\$6 000	\$5 000	\$6 900	\$6 400	\$5 300	\$2 900	\$2 200	\$2 700	\$3 400	\$3 700
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied	39 154	35 269	15 378	14 755	2 850	2 284	3 887	695	1 924	251	1 017
Less than 10 percent	2 601	2 284	750	1 079	239	216	317	11	154	15	137
10 to 14 percent	5 532	5 059	1 638	2 597	476	348	473	58	211	27	177
15 to 19 percent	6 051	5 587	1 975	2 609	579	424	464	59	264	31	110
20 to 24 percent	4 840	4 445	1 919	1 905	416	205	395	52	185	30	128
25 to 34 percent	5 856	5 365	2 352	2 299	428	284	491	99	254	22	116
35 percent or more	11 079	9 872	5 192	3 459	569	652	1 207	57	559	103	248
Not computed	3 197	2 657	1 552	807	143	155	540	119	297	23	101
<b>HEATING EQUIPMENT</b>											
Steam or hot water	394	368	129	138	43	58	26	-	11	6	9
Warm-air furnace	4 613	4 471	2 131	2 044	195	101	142	18	108	-	16
Built-in electric units	9 287	9 135	4 435	3 755	560	385	152	45	69	-	38
Floor, wall, or pipeless furnace	923	901	341	447	72	41	22	10	-	-	12
Other means	19 222	16 866	6 847	7 008	1 634	1 377	2 356	479	1 092	209	576
None	5 503	4 193	1 652	1 680	440	421	1 310	174	685	55	396

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

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

Table A-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
<b>Owner occupied housing units</b>	83 405	373	1 932	8 238	18 728	24 349	16 509	8 089	5 187	5.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	81 586	269	1 696	7 847	18 132	24 057	16 596	7 987	5 002	5.0
<b>PERSONS</b>										
1 person	13 269	190	837	2 832	4 016	3 129	1 479	444	342	4.2
2 persons	34 671	142	930	4 409	10 537	10 657	5 279	1 775	949	4.6
3 persons	12 068	13	87	418	2 288	4 124	2 935	1 442	761	5.3
4 persons	10 608	23	32	280	1 046	3 140	3 222	1 863	1 002	5.7
5 persons	6 641	—	29	94	435	1 760	1 951	1 382	990	6.0
6 persons or more	6 148	5	17	205	406	1 546	1 643	1 183	1 143	6.0
Median	2.3	1.5	1.6	1.8	2.0	2.3	3.0	3.7	4.0	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	81 984	324	1 760	7 891	18 280	24 085	16 438	8 042	5 144	5.0
0.50 or less	47 925	—	755	2 685	14 215	13 618	9 646	3 639	3 367	5.0
0.51 to 1.00	29 983	169	878	4 665	3 263	8 940	6 059	4 274	1 735	5.2
1.01 to 1.50	3 034	—	75	275	618	1 267	618	139	42	4.9
1.51 or more	1 042	155	52	266	184	260	115	10	—	3.8
Lacking some or all plumbing facilities	1 421	49	172	347	448	264	71	27	43	3.8
0.50 or less	829	—	82	147	338	161	47	22	32	4.0
0.51 to 1.00	426	21	52	162	71	84	20	5	11	3.4
1.01 to 1.50	53	—	12	5	26	10	—	—	—	...
1.51 or more	113	28	26	33	13	9	4	—	—	2.6
<b>BEDROOMS</b>										
None and 1	9 821	367	1 889	5 919	1 306	256	46	19	19	2.9
2	35 015	—	—	2 271	16 270	12 447	3 347	525	155	4.4
3	30 817	—	—	—	1 130	11 724	11 146	5 109	1 708	5.7
4 or more	7 735	—	—	—	—	65	1 394	2 605	3 671	7.4
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	6 930	33	212	1 087	2 244	1 387	824	651	492	4.5
1960 to 1968	33 982	103	716	4 023	7 439	8 939	7 132	3 715	1 915	5.0
1950 to 1959	27 350	132	551	1 893	5 820	9 657	5 832	2 299	1 166	5.0
1949 or earlier	15 143	105	453	1 235	3 225	4 366	2 721	1 424	1 614	5.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	45 218	246	1 615	6 902	12 919	14 762	6 416	1 702	656	4.6
2 or more	36 495	43	102	957	5 240	9 323	10 188	6 285	4 357	5.8
None or also used by another household	1 681	82	253	376	502	331	88	14	35	3.8
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	64 515	111	534	2 240	11 250	21 777	15 799	7 876	4 928	5.3
Less than 1.5	20 500	44	172	596	3 104	7 465	5 149	2 377	1 593	5.3
1.5 to 1.9	11 332	25	75	268	1 625	3 647	3 282	1 626	784	5.5
2.0 to 2.9	12 935	10	76	437	1 937	4 101	3 325	1 864	1 185	5.5
3.0 or more	18 923	32	205	882	4 479	6 249	3 841	1 932	1 303	5.1
Not computed	825	—	6	57	105	315	202	77	63	5.3
<b>Renter occupied housing units</b>	39 942	3 701	5 860	10 077	12 026	5 117	2 116	654	391	3.5
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	34 812	1 356	4 502	9 112	11 647	4 987	2 128	727	353	3.7
<b>PERSONS</b>										
1 person	12 166	2 701	2 723	3 926	2 062	470	177	45	62	2.7
2 persons	12 487	721	1 595	3 929	4 295	1 366	427	97	57	3.5
3 persons	5 538	121	571	974	2 305	1 075	353	84	55	4.0
4 persons	4 035	87	340	547	1 540	880	456	150	35	4.2
5 persons	2 470	21	259	237	837	594	312	132	78	4.4
6 persons or more	3 246	50	372	464	987	732	391	146	104	4.2
Median	2.1	1.2	1.6	1.8	2.4	3.2	3.7	4.2	4.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	35 934	1 855	4 746	9 615	11 619	5 021	2 054	649	375	3.7
0.50 or less	15 535	—	2 371	3 782	6 188	1 801	947	226	220	3.8
0.51 to 1.00	15 072	1 361	1 296	4 726	3 750	2 520	890	374	155	3.5
1.01 to 1.50	2 944	—	449	524	1 185	573	179	34	—	3.9
1.51 or more	2 383	494	630	583	496	127	38	15	—	2.6
Lacking some or all plumbing facilities	4 008	1 846	1 114	462	407	96	62	5	16	1.6
0.50 or less	726	—	352	144	169	35	10	—	16	2.6
0.51 to 1.00	1 965	1 340	299	177	95	29	25	—	—	1.2
1.01 to 1.50	270	—	122	23	87	22	—	—	—	3.1
1.51 or more	1 047	506	341	118	56	16	5	5	—	1.6
<b>BEDROOMS</b>										
None	4 446	4 090	301	55	—	—	—	—	—	1.0
1	15 790	—	5 191	8 743	1 794	62	—	—	—	2.8
2	14 601	—	—	1 942	9 527	2 683	385	42	22	4.1
3 or more	5 122	—	—	—	313	2 503	1 499	398	409	5.4
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	2 357	80	248	774	789	303	95	47	21	3.6
1960 to 1968	12 006	504	1 516	2 996	4 834	1 425	542	141	48	3.7
1950 to 1959	10 419	1 016	1 723	2 315	2 937	1 588	585	189	66	3.6
1949 or earlier	15 160	2 101	2 373	3 992	3 466	1 801	894	277	256	3.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	31 162	1 690	4 614	8 941	10 259	3 861	1 272	390	135	3.5
2 or more	4 388	67	41	275	1 424	1 142	869	337	233	4.8
None or also used by another household	4 403	1 802	1 304	591	511	105	67	8	15	1.8
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	39 156	3 644	5 782	9 967	11 815	4 946	2 044	613	365	3.5
Less than 10 percent	2 601	354	402	706	616	322	128	46	27	3.3
10 to 14 percent	5 532	486	640	1 328	1 714	924	299	91	50	3.7
15 to 19 percent	6 051	422	699	1 466	2 058	918	342	89	57	3.7
20 to 24 percent	4 840	342	616	1 201	1 559	622	356	111	29	3.7
25 to 34 percent	5 856	493	870	1 436	1 966	726	289	50	30	3.6
35 percent or more	11 079	1 089	2 073	3 257	3 182	982	331	99	66	3.2
Not computed	3 197	458	462	573	720	452	299	127	106	3.6

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

All occupied housing units

ROOMS

1 room  
2 rooms  
3 rooms  
4 rooms  
5 rooms  
6 rooms  
7 rooms  
8 rooms or more  
Median

PLUMBING FACILITIES BY PERSONS PER ROOM

With all plumbing facilities  
0.50 or less  
0.51 to 1.00  
1.01 to 1.50  
1.51 or more  
Lacking some or all plumbing facilities  
0.50 or less  
0.51 to 1.00  
1.01 to 1.50  
1.51 or more

BEDROOMS

None  
1  
2  
3  
4 or more

YEAR STRUCTURE BUILT

1969 to March 1970  
1965 to 1968  
1960 to 1964  
1950 to 1959  
1940 to 1949  
1939 or earlier

INCOME IN 1969

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

YEAR MOVED INTO UNIT

1969 to March 1970  
1968  
1967  
1965 and 1966  
1960 to 1964  
1950 to 1959  
1949 or earlier

GROSS RENT

Specified renter occupied:  
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

HEATING EQUIPMENT

Steam or hot water  
Worm-air furnace  
Built-in electric units  
Floor, wall, or pipeless furnace  
Other means  
None

AIR CONDITIONING

Room unit(s)  
Central system  
None

AUTOMOBILES AVAILABLE

1  
2  
3 or more  
None

	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	83 405	65 795	11 498	6 112	39 942	14 845	5 863	4 494	3 709	4 188	6 153	690
<b>ROOMS</b>												
1 room	373	123	114	136	3 701	555	228	269	456	871	1 295	27
2 rooms	1 932	574	761	597	5 860	1 266	678	816	946	946	1 053	155
3 rooms	8 238	2 424	3 714	2 100	10 077	2 552	1 737	1 421	1 215	1 243	1 707	202
4 rooms	18 728	11 583	4 856	2 289	12 026	4 226	2 532	1 568	833	975	1 665	227
5 rooms	24 349	22 119	1 438	792	5 117	3 511	546	315	206	129	336	74
6 rooms	16 509	15 968	392	149	2 116	1 782	104	96	44	5	80	5
7 rooms	8 089	7 965	98	26	654	596	38	5	4	7	4	-
8 rooms or more	5 187	5 039	125	23	391	357	-	4	5	12	13	-
Median	5.0	5.3	3.7	3.6	3.5	4.2	3.6	3.3	2.9	2.7	2.9	3.3
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	81 984	64 915	11 281	5 788	35 934	13 916	5 533	4 274	3 308	3 267	5 000	636
0.50 or less	47 925	37 557	7 553	2 815	15 535	5 491	2 294	1 899	1 536	1 342	2 610	363
0.51 to 1.00	29 983	23 815	3 526	2 642	15 072	6 279	2 326	1 756	1 264	1 397	1 843	207
1.01 to 1.50	3 034	2 667	143	224	2 944	1 326	2 383	332	244	248	230	35
1.51 or more	1 042	876	59	107	2 383	820	384	287	264	280	317	31
Lacking some or all plumbing facilities	1 421	880	217	324	4 008	929	330	220	401	921	1 153	54
0.50 or less	829	495	151	183	726	254	102	70	75	98	102	25
0.51 to 1.00	426	239	66	121	1 965	281	120	86	190	520	739	29
1.01 to 1.50	53	48	-	5	270	117	17	30	19	72	15	-
1.51 or more	113	98	-	15	1 047	277	91	34	117	231	297	-
<b>BEDROOMS</b>												
None	452	145	189	118	4 446	650	285	435	587	1 117	1 335	37
1	9 369	2 671	4 304	2 394	15 790	3 806	2 269	2 422	1 996	2 293	2 673	331
2	35 015	26 262	6 063	2 690	14 601	5 667	2 971	1 707	898	1 191	1 902	265
3	30 817	29 518	552	747	4 272	3 504	303	128	124	38	123	52
4 or more	7 735	7 474	194	67	850	737	59	-	20	-	34	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	6 930	3 248	2 547	1 135	2 357	429	220	183	193	309	983	40
1965 to 1968	13 814	7 358	4 377	2 079	5 536	905	814	604	465	774	1 815	159
1960 to 1964	20 168	16 970	1 729	1 469	6 470	2 103	1 200	730	609	609	999	229
1950 to 1959	27 350	24 905	1 377	1 068	10 419	4 647	1 573	1 042	873	1 011	1 061	212
1940 to 1949	6 824	6 056	560	208	6 584	3 186	709	577	728	506	27	27
1939 or earlier	8 319	7 258	908	153	8 576	3 575	1 205	1 226	1 001	757	789	23
<b>INCOME IN 1969</b>												
Less than \$2,000	8 071	5 910	1 325	836	6 835	2 190	928	858	781	933	989	156
\$2,000 to \$2,999	4 992	3 498	894	600	3 737	1 150	563	470	364	460	634	96
\$3,000 to \$3,999	5 019	3 488	878	653	3 762	1 212	548	468	472	425	561	76
\$4,000 to \$4,999	4 765	3 380	841	544	3 571	1 312	516	484	344	416	440	59
\$5,000 to \$5,999	4 789	3 524	770	495	3 567	1 481	645	271	398	345	404	23
\$6,000 to \$6,999	4 573	3 472	624	477	3 085	1 129	521	391	286	330	367	61
\$7,000 to \$9,999	14 385	11 425	1 803	1 157	6 739	2 788	1 087	819	481	634	792	138
\$10,000 to \$14,999	17 895	15 136	1 783	976	5 336	2 449	786	504	363	372	803	59
\$15,000 to \$24,999	12 476	10 871	1 314	291	2 276	842	250	158	155	195	659	17
\$25,000 or more	6 440	5 091	1 266	83	1 034	292	19	71	65	78	504	5
Median	\$9 000	\$9 500	\$7 700	\$5 900	\$5 600	\$6 100	\$5 600	\$4 900	\$4 700	\$4 700	\$6 100	\$4 300
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	16 183	10 082	3 842	2 259	18 308	6 583	2 506	1 978	1 630	1 868	3 337	406
1968	9 078	6 243	2 035	800	5 980	2 274	934	650	444	646	955	77
1967	6 550	4 657	1 292	601	3 512	1 341	520	467	412	274	463	35
1965 and 1966	10 756	8 187	1 632	937	4 744	1 688	837	618	457	479	635	30
1960 to 1964	17 603	15 338	1 368	897	4 113	1 680	572	487	523	373	393	85
1950 to 1959	17 299	15 795	1 025	479	2 313	1 069	327	150	172	310	254	31
1949 or earlier	5 925	5 355	430	140	983	488	157	29	55	115	107	32
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	39 156	14 059	5 863	4 494	3 709	4 188	6 153	690
Less than \$50	...	...	...	...	2 620	515	386	309	296	481	586	47
\$50 to \$59	...	...	...	...	1 509	398	229	183	241	190	186	82
\$60 to \$69	...	...	...	...	2 341	963	320	295	234	266	182	81
\$70 to \$79	...	...	...	...	2 729	935	485	373	373	275	251	37
\$80 to \$99	...	...	...	...	6 701	2 723	1 271	881	698	633	373	122
\$100 to \$119	...	...	...	...	5 722	2 121	1 122	927	552	493	419	88
\$120 to \$149	...	...	...	...	5 542	2 165	851	765	554	653	492	62
\$150 to \$199	...	...	...	...	5 199	1 679	763	498	415	596	1 214	34
\$200 to \$299	...	...	...	...	2 886	787	182	189	179	303	1 226	20
\$300 or more	...	...	...	...	1 351	335	51	25	35	104	801	-
No cash rent	...	...	...	...	2 556	1 438	203	49	132	194	423	117
Median	...	...	...	...	\$108	\$107	\$102	\$104	\$98	\$106	\$165	\$87
<b>HEATING EQUIPMENT</b>												
Steam or hot water	466	351	109	6	394	130	51	53	30	36	86	8
Worm-air furnace	24 038	16 850	3 681	3 507	4 613	1 021	305	362	284	561	1 875	205
Built-in electric units	21 224	15 265	5 572	387	9 287	2 300	1 432	1 261	908	1 301	2 064	21
Floor, wall, or pipeless furnace	4 507	4 065	131	311	923	548	175	50	32	43	33	42
Other means	31 651	27 985	1 879	1 787	19 222	9 094	3 168	2 016	1 807	1 475	1 327	335
None	1 519	1 279	126	114	5 503	1 752	732	752	648	772	768	79
<b>AIR CONDITIONING</b>												
Room unit(s)	35 785	29 509	4 032	2 244	12 991	5 098	1 989	1 676	1 215	1 238	1 543	232
Central system	24 495	17 152	6 526	817	5 295	989	314	339	316	621	2 705	11
None	23 114	18 996	1 066	3 052	21 667	9 036	3 550	2 364	2 162	2 206	1 896	453
<b>AUTOMOBILES AVAILABLE</b>												
1	42 021	29 990	7 879	4 152	21 401	8 087	3 259	2 462	1 763	1 927	3 436	467
2	29 920	26 114	2 591	1 215	7 659	3 727	1 095	652	459	601	1 046	79
3 or more	5											

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		
<b>Owner occupied housing units</b> .....	<b>83 403</b>	<b>1 204</b>	<b>7 578</b>	<b>10 367</b>	<b>24 071</b>	<b>17 700</b>	<b>1 690</b>	<b>947</b>	<b>4 884</b>	<b>1 693</b>	<b>5 239</b>	<b>8 030</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> .....	<b>81 984</b>	<b>1 182</b>	<b>7 539</b>	<b>10 305</b>	<b>23 857</b>	<b>17 357</b>	<b>1 658</b>	<b>911</b>	<b>4 759</b>	<b>1 623</b>	<b>5 087</b>	<b>7 706</b>
0.50 or less .....	47 925	530	1 797	1 923	13 169	12 867	805	582	2 500	1 128	5 004	7 620
0.51 to 1.00 .....	29 983	588	5 121	6 978	9 472	4 324	683	272	1 938	438	83	86
1.01 to 1.50 .....	3 034	40	461	1 096	919	112	120	39	204	43	-	-
1.51 or more .....	1 042	24	160	308	297	54	50	18	117	14	-	-
<b>Lacking some or all plumbing facilities</b> .....	<b>1 421</b>	<b>22</b>	<b>39</b>	<b>62</b>	<b>214</b>	<b>343</b>	<b>32</b>	<b>34</b>	<b>127</b>	<b>70</b>	<b>152</b>	<b>334</b>
0.50 or less .....	829	5	10	5	48	209	-	10	46	41	146	309
0.51 to 1.00 .....	426	17	23	22	105	122	21	20	46	29	6	15
1.01 to 1.50 .....	53	-	-	16	4	7	5	-	21	-	-	-
1.51 or more .....	113	-	6	19	57	5	6	14	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	65 795	831	6 840	9 682	20 034	11 901	1 439	774	4 326	1 418	3 446	5 104
2 or more .....	11 498	79	153	301	2 674	4 282	168	104	318	237	1 107	2 075
Mobile home or trailer .....	6 112	294	585	384	1 363	1 517	83	69	242	38	686	851
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	8 071	61	116	106	610	1 167	73	163	711	432	1 089	3 543
\$2,000 to \$2,999 .....	4 992	58	53	54	458	1 792	43	127	310	255	530	1 312
\$3,000 to \$3,999 .....	5 019	36	76	130	639	1 988	75	94	416	122	546	897
\$4,000 to \$4,999 .....	4 765	66	134	138	857	1 756	69	53	500	147	560	485
\$5,000 to \$5,999 .....	4 789	74	299	236	1 033	1 455	146	64	506	95	496	385
\$6,000 to \$6,999 .....	4 573	136	361	352	4 213	1 223	116	29	413	113	296	261
\$7,000 to \$9,999 .....	14 385	369	1 906	1 889	4 413	3 009	369	73	994	176	744	443
\$10,000 to \$14,999 .....	17 895	320	2 879	3 609	6 673	2 269	394	103	622	177	555	294
\$15,000 to \$24,999 .....	12 476	80	1 534	2 848	5 372	1 471	226	69	301	108	240	227
\$25,000 or more .....	6 440	4	220	1 005	2 743	1 570	179	172	113	68	183	183
Median .....	\$9 000	\$8 400	\$11 500	\$13 200	\$12 100	\$6 600	\$9 600	\$5 600	\$6 000	\$4 300	\$4 800	\$2 400
<b>VALUE-INCOME RATIO</b>												
<b>Specified owner occupied<sup>1</sup></b> .....	<b>44 515</b>	<b>811</b>	<b>6 768</b>	<b>9 555</b>	<b>19 604</b>	<b>11 593</b>	<b>1 404</b>	<b>764</b>	<b>4 266</b>	<b>1 384</b>	<b>3 328</b>	<b>5 036</b>
Less than 1.5 .....	20 500	265	2 525	4 034	8 696	2 220	534	256	934	239	498	299
1.5 to 1.9 .....	11 532	184	1 742	2 363	3 899	1 497	279	48	583	140	401	194
2.0 to 2.4 .....	7 595	115	998	1 334	2 266	1 355	169	65	505	162	341	285
2.5 to 2.9 .....	5 340	98	641	877	1 360	1 103	119	64	420	84	264	310
3.0 to 3.9 .....	6 435	58	527	534	1 516	1 842	154	101	519	172	436	576
4.0 or more .....	12 488	80	319	391	1 707	3 477	145	225	1 163	573	1 237	3 171
Not computed .....	825	11	16	22	160	99	4	5	142	16	151	199
<b>Renter occupied housing units</b> .....	<b>39 942</b>	<b>3 170</b>	<b>5 663</b>	<b>3 336</b>	<b>5 091</b>	<b>3 404</b>	<b>1 761</b>	<b>234</b>	<b>4 516</b>	<b>601</b>	<b>7 565</b>	<b>4 601</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> .....	<b>35 934</b>	<b>3 031</b>	<b>5 389</b>	<b>3 116</b>	<b>4 643</b>	<b>3 240</b>	<b>1 558</b>	<b>222</b>	<b>3 957</b>	<b>550</b>	<b>6 122</b>	<b>4 106</b>
0.50 or less .....	15 535	655	860	384	1 475	1 532	511	75	975	201	5 358	3 509
0.51 to 1.00 .....	15 072	1 952	3 200	1 547	2 383	1 554	753	135	1 872	315	764	597
1.01 to 1.50 .....	2 944	265	859	697	351	37	191	12	529	15	-	-
1.51 or more .....	2 383	159	470	488	434	117	103	12	581	19	-	-
<b>Lacking some or all plumbing facilities</b> .....	<b>4 008</b>	<b>139</b>	<b>274</b>	<b>220</b>	<b>448</b>	<b>164</b>	<b>203</b>	<b>12</b>	<b>559</b>	<b>51</b>	<b>1 443</b>	<b>495</b>
0.50 or less .....	726	-	4	-	19	41	-	-	40	24	-	-
0.51 to 1.00 .....	1 965	59	63	50	163	107	56	-	116	11	1 087	253
1.01 to 1.50 .....	270	11	18	49	61	5	18	-	103	5	-	-
1.51 or more .....	1 047	69	189	121	205	11	12	12	300	11	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	14 845	1 195	2 635	1 776	2 500	1 075	650	76	1 783	244	1 789	1 122
2 to 4 .....	10 357	950	1 600	717	1 167	750	500	48	1 369	142	1 882	1 232
5 to 19 .....	7 897	629	871	483	731	644	324	59	897	94	1 944	1 201
20 or more .....	6 153	339	500	336	602	833	274	51	432	104	1 726	956
Mobile home or trailer .....	690	57	57	24	91	102	13	-	35	17	204	90
<b>GROSS RENT</b>												
<b>Specified renter occupied<sup>2</sup></b> .....	<b>39 156</b>	<b>3 096</b>	<b>5 502</b>	<b>3 223</b>	<b>4 882</b>	<b>3 365</b>	<b>1 753</b>	<b>227</b>	<b>4 443</b>	<b>601</b>	<b>7 480</b>	<b>4 584</b>
Less than \$50 .....	2 620	69	149	104	224	69	76	28	246	64	1 069	522
\$50 to \$59 .....	1 509	30	75	34	119	107	86	21	200	34	529	274
\$60 to \$69 .....	2 341	176	129	138	304	206	112	23	295	28	666	440
\$70 to \$79 .....	2 729	187	273	513	846	444	324	31	407	43	657	379
\$80 to \$99 .....	6 701	563	824	575	617	372	249	30	752	102	1 187	762
\$100 to \$119 .....	5 722	550	1 002	526	667	428	239	29	581	57	779	439
\$120 to \$149 .....	5 542	692	1 105	569	726	425	273	21	389	61	729	297
\$150 to \$199 .....	5 199	574	1 135	330	410	466	183	10	204	34	339	274
\$200 to \$299 .....	2 886	134	502	101	276	430	51	23	54	26	131	194
\$300 or more .....	1 351	6	59	222	446	257	72	11	210	53	458	463
No cash rent .....	2 556	115	249	-	-	-	-	-	-	-	-	-
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
<b>Specified renter occupied<sup>2</sup></b> .....	<b>39 156</b>	<b>3 096</b>	<b>5 502</b>	<b>3 223</b>	<b>4 882</b>	<b>3 365</b>	<b>1 753</b>	<b>227</b>	<b>4 443</b>	<b>601</b>	<b>7 480</b>	<b>4 584</b>
Less than \$5,000 .....	17 578	985	874	580	1 204	1 365	770	145	2 992	393	4 511	3 759
5 to 9 percent .....	1 403	79	89	59	147	97	56	16	153	25	562	120
10 to 14 percent .....	1 453	62	58	106	180	108	79	10	128	22	490	210
15 to 19 percent .....	3 023	264	252	136	218	242	94	22	478	37	750	530
20 to 24 percent .....	9 737	517	378	240	558	786	468	77	2 000	262	2 115	2 336
25 to 34 percent .....	1 962	63	97	39	101	132	73	20	233	47	594	563
35 percent or more .....	13 044	1 597	2 491	1 361	1 877	1 036	709	33	1 116	130	2 131	563
Not computed .....	6 243	748	1 330	620	975	340	318	11	504	47	1 153	197
\$5,000 to \$9,999 .....	6 243	748	1 330	620	975	340	318	11	199	27	407	90
Less than 20 percent .....	2 563	402	497	325	335	173	98	10	242	18	305	136
20 to 24 percent .....	2 365	307	399	267	277	251	123	6	134	11	190	108
25 to 34 percent .....	1 149	88	152	51	108	178	13	-	37	27	76	32
35 percent or more .....	724	52	113	98	182	94	187	10	210	38	499	114
Not computed .....	5 253	473	1 539	844	1 010	329	204	10	159	28	371	42
\$10,000 to \$14,999 .....	3 938	404	1 279	608	699	429	23	-	21	10	77	15
Less than 20 percent .....	592	53	157	81	111	44	18	-	10	-	32	51
20 to 24 percent .....	440	16	61	86	90	76	12	-	20	-	19	6
25 percent or more .....	283	-	42	69	110	5	12	-	-	-	-	-
Not computed .....	3 281	41	598	438	791	635	87	39	125	40	339	148
\$15,000 or more .....	2 600	-	563	367	636	394	67	39	109	30	268	86
Less than 20 percent .....	232	-	20	34								

**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
<b>Owner occupied housing units</b>	<b>83 405</b>	<b>13 269</b>	<b>34 671</b>	<b>12 068</b>	<b>10 608</b>	<b>6 641</b>	<b>3 256</b>	<b>1 866</b>	<b>1 026</b>	<b>2.3</b>
<b>BEDROOMS</b>										
None and 1	9 821	3 576	5 384	353	200	101	104	31	72	1.7
2	35 015	7 556	19 846	4 535	1 844	669	370	131	64	2.0
3	30 817	1 850	7 912	6 347	7 059	4 374	1 759	986	530	3.4
4 or more	7 735	331	1 037	951	1 595	1 459	1 225	670	467	4.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	6 930	895	3 535	909	777	435	204	93	82	2.2
1965 to 1968	13 814	1 990	6 684	1 642	1 687	1 049	508	159	95	2.2
1960 to 1964	20 168	2 226	7 406	3 294	3 292	2 045	1 000	599	306	2.6
1950 to 1959	27 350	4 247	10 773	4 158	3 668	2 299	1 090	744	371	2.4
1940 to 1949	6 824	1 607	2 805	1 036	621	375	188	112	80	2.1
1939 or earlier	8 319	2 304	3 468	1 029	563	438	266	159	92	2.0
<b>UNITS IN STRUCTURE</b>										
1	65 795	8 550	24 485	10 713	9 802	6 361	3 111	1 785	988	2.5
2 or more	11 498	3 182	7 095	703	287	136	44	26	25	1.9
Mobile home or trailer	6 112	1 537	3 091	652	519	144	101	55	13	2.0
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	45 218	9 378	20 360	5 907	4 329	2 510	1 184	963	587	2.1
2 and 2 1/2	31 585	2 959	12 087	5 171	5 395	3 426	1 570	709	268	2.6
3 or more	4 910	409	1 623	795	774	639	388	151	131	3.0
None or also used by another household	1 681	595	652	160	95	103	36	28	12	1.9
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>70 136</b>									
Male head, wife present, no nonrelatives	60 920	34 671	12 068	10 608	6 441	3 256	1 866	1 026	2.5	
Under 25 years	1 204	30 136	9 941	9 425	5 981	2 940	1 638	859	2.5	
25 to 34 years	7 578	515	354	243	62	5	6	19	2.7	
35 to 44 years	10 367	912	1 684	2 663	1 462	494	259	104	3.9	
45 to 64 years	24 071	1 044	1 326	2 864	2 528	1 411	802	392	4.5	
65 years and over	17 700	12 055	5 057	3 334	1 797	976	538	314	2.5	
Other male head	2 637	15 610	1 520	321	132	54	33	30	2.1	
Under 65 years	1 690	1 223	589	334	214	111	96	70	2.7	
65 years and over	947	727	321	263	157	87	74	61	2.9	
Female head	6 579	496	268	71	57	24	22	9	2.5	
Under 65 years	4 886	3 312	1 538	849	446	205	132	97	2.5	
65 years and over	1 693	2 059	1 303	754	403	174	100	93	2.8	
<b>One-person households</b>	<b>13 269</b>									
2 or more	13 269	13 269	235	95	43	31	32	4	2.2	
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	64 515	8 364	23 880	10 489	9 715	6 286	3 048	1 759	974	2.5
Less than 1.5	20 500	797	6 415	4 239	3 862	2 488	1 333	875	491	3.2
1.5 to 1.9	11 332	597	3 781	2 039	2 188	1 506	684	339	198	3.1
2.0 to 2.4	7 595	626	2 792	1 262	1 342	885	389	198	101	2.8
2.5 to 2.9	5 340	574	2 054	763	913	592	235	117	92	2.6
3.0 to 3.9	6 435	1 012	3 064	894	729	352	213	111	60	2.2
4.0 or more	12 488	4 408	5 493	1 199	618	435	184	119	32	1.8
Not computed	825	350	281	93	63	28	10	-	-	1.7
<b>Renter occupied housing units</b>	<b>39 942</b>	<b>12 166</b>	<b>12 487</b>	<b>5 538</b>	<b>4 035</b>	<b>2 470</b>	<b>1 413</b>	<b>1 094</b>	<b>739</b>	<b>2.1</b>
<b>BEDROOMS</b>										
None	4 446	3 330	802	120	110	23	40	21	-	1.2
1	15 790	6 758	6 144	1 258	746	369	130	164	221	1.7
2	14 601	1 740	5 016	3 129	2 226	1 195	644	319	332	2.7
3 or more	5 122	286	1 011	869	918	847	469	373	349	3.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	2 357	683	903	304	191	120	63	45	48	2.0
1965 to 1968	5 536	1 426	2 056	916	573	227	130	116	92	2.2
1960 to 1964	6 470	1 489	2 108	1 045	798	508	278	184	60	2.3
1950 to 1959	10 419	2 844	3 193	1 565	1 122	667	441	364	223	2.2
1940 to 1949	6 584	2 118	1 851	781	675	528	271	197	163	2.1
1939 or earlier	8 576	3 606	2 376	927	676	420	230	188	153	1.8
<b>UNITS IN STRUCTURE</b>										
1	14 845	2 911	4 087	2 496	2 119	1 424	762	583	463	2.7
2	5 863	1 557	1 858	1 022	646	313	183	172	112	2.2
3 and 4	4 494	1 557	1 334	694	382	229	144	110	44	2.0
5 to 9	3 709	1 571	1 150	324	298	148	104	83	31	1.7
10 to 19	4 188	1 594	1 515	459	246	160	103	75	36	1.8
20 or more	6 153	2 682	2 295	475	314	173	104	57	53	1.7
Mobile home or trailer	690	294	248	68	30	23	13	14	-	1.7
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	31 162	9 477	9 954	4 293	3 209	1 821	1 071	802	535	2.1
2 or more	4 388	623	1 453	897	573	408	205	158	71	2.6
None or also used by another household	4 403	2 017	996	381	261	235	183	223	107	1.7
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>27 776</b>									
Male head, wife present, no nonrelatives	20 664	12 487	5 538	4 035	2 470	1 413	1 094	739	2.8	
Under 25 years	3 170	9 184	4 038	3 140	1 912	1 033	789	568	2.8	
25 to 34 years	5 663	1 416	1 076	477	103	28	48	22	2.7	
35 to 44 years	3 336	1 424	1 269	1 415	833	333	240	149	3.6	
45 to 64 years	5 091	712	470	614	561	414	331	234	4.3	
65 years and over	3 404	2 602	959	586	384	232	165	163	2.5	
Other male head	1 995	3 030	264	48	31	26	5	-	2.1	
Under 65 years	1 761	1 123	444	208	97	58	42	23	2.4	
65 years and over	234	971	382	188	97	58	42	23	2.4	
Female head	5 117	152	62	20	-	-	-	-	2.3	
Under 65 years	4 516	2 180	1 056	687	461	322	263	148	2.9	
65 years and over	601	1 757	978	628	439	312	258	144	3.0	
<b>One-person households</b>	<b>12 166</b>									
2 or more	12 166	12 166	78	59	22	10	5	4	2.2	
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	39 156	12 064	12 308	5 384	3 958	2 375	1 338	1 026	703	2.1
Less than 10 percent	2 601	597	877	370	307	179	107	101	63	2.3
10 to 14 percent	5 532	999	1 971	907	712	430	216	173	124	2.4
15 to 19 percent	6 051	1 203	1 963	1 031	762	537	247	180	128	2.4
20 to 24 percent	4 840	1 308	1 557	655	578	350	193	88	111	2.2
25 to 34 percent	5 856	1 821	1 846	806	657	346	140	157	83	2.1
35 percent or more	11 079	4 803	3 141	1 306	737	353	310	266	163	1.7
Not computed	3 197	1 333	953	309	205	180	125	61	31	1.8

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

<sup>2</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
<b>Vacant for sale</b>	1 587	813	616	158	<b>Vacant for rent</b>	4 874	3 063	1 402	409
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	235	119	77	39	1 room	627	441	142	44
4 rooms	769	419	299	51	2 rooms	833	578	187	68
5 rooms	271	144	89	38	3 rooms	1 505	889	490	126
6 rooms	185	61	100	24	4 rooms	1 375	879	401	95
7 rooms or more	127	70	51	6	5 rooms	421	218	145	58
					6 rooms	87	50	28	9
					7 rooms or more	26	8	9	9
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities	1 577	807	612	158	With all plumbing facilities	4 616	2 934	1 309	373
Lacking some or all plumbing facilities	10	6	4	-	Lacking some or all plumbing facilities	258	129	93	36
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1	231	149	61	21	None	821	611	147	63
2	970	355	527	88	1	2 190	1 365	676	149
3	322	108	178	36	2	1 407	868	473	66
4 or more	100	27	73	-	3 or more	291	109	117	65
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970	835	526	248	61	1969 to March 1970	777	422	331	24
1960 to 1968	355	129	191	35	1960 to 1968	1 051	675	251	125
1950 to 1959	210	86	88	36	1950 to 1959	1 446	979	335	132
1949 or earlier	187	72	89	26	1949 or earlier	1 600	987	485	128
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1	680	293	289	98	1	1 086	608	329	149
2 or more	907	520	327	60	2 to 4	1 068	716	243	109
					5 to 9	645	436	147	62
					10 to 19	990	680	251	59
					20 or more	1 085	623	432	30
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water	6	6	-	-	<b>Specified vacant for rent<sup>2</sup></b>	4 861	3 056	1 401	404
Warm-air furnace	715	456	204	55	Less than \$50	237	133	81	23
Built-in electric units	438	146	244	48	\$50 to \$59	344	238	59	47
Floor, wall, or pipeless furnace	50	13	31	6	\$60 to \$79	726	390	238	98
Other means	334	178	114	42	\$80 to \$99	517	356	128	33
None	44	14	23	7	\$100 to \$119	459	311	107	41
					\$120 to \$149	746	525	178	43
					\$150 to \$199	698	406	267	25
					\$200 or more	1 134	697	343	94
					Median rent asked	\$126	\$126	\$135	\$100
<b>SALES PRICE ASKED</b>									
<b>Specified vacant for sale<sup>1</sup></b>	671	287	286	98					
Less than \$5,000	22	10	8	4					
\$5,000 to \$9,999	53	26	7	20					
\$10,000 to \$14,999	116	39	64	13					
\$15,000 to \$19,999	165	77	66	22					
\$20,000 to \$24,999	71	22	42	7					
\$25,000 to \$34,999	100	46	40	12					
\$35,000 to \$49,999	86	48	26	6					
\$50,000 or more	58	19	33	6					
Median price asked	\$19 400	\$19 400	\$19 800	...					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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 <sup>1</sup>							Rent asked - Vacant for rent <sup>2</sup>						
	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
<b>Total</b>	671	75	116	165	71	100	144	4 861	581	726	517	1 205	698	1 134
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities	589	60	121	121	67	136	84	4 418	380	612	447	1 116	841	1 022
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	291	149	82	60	-	-	-
<b>BEDROOMS</b>														
None and 1	18	-	18	-	-	-	-	3 011	432	533	386	706	436	518
2	244	50	65	84	-	14	31	1 407	97	108	87	338	359	418
3	249	10	38	26	49	88	38	258	-	53	34	72	30	69
4 or more	78	-	-	11	18	34	15	33	-	-	-	-	16	17
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970	164	-	12	48	18	37	49	772	32	30	26	77	247	360
1960 to 1968	230	10	34	49	32	50	55	1 049	70	116	89	306	183	285
1950 to 1959	166	24	35	56	16	11	24	1 441	245	161	166	423	141	305
1949 or earlier	111	41	35	12	5	2	16	1 599	234	419	236	399	127	184
<b>UNITS IN STRUCTURE</b>														
1	...	...	...	...	...	...	...	1 073	130	229	159	321	110	124
2 to 4	...	...	...	...	...	...	...	1 068	153	186	143	348	141	97
5 to 19	...	...	...	...	...	...	...	1 635	249	266	161	365	159	435
20 or more	...	...	...	...	...	...	...	1 085	49	45	54	171	288	478
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included	...	...	...	...	...	...	...	1 532	237	204	140	335	135	481
Some or no utilities included	...	...	...	...	...	...	...	3 329	344	522	377	870	563	653

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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)
<b>Specified owner occupied<sup>1</sup></b>	<b>5 218</b>	<b>393</b>	<b>662</b>	<b>833</b>	<b>1 335</b>	<b>777</b>	<b>788</b>	<b>212</b>	<b>115</b>	<b>71</b>	<b>32</b>	<b>11 466</b>
<b>ROOMS</b>												
1 and 2 rooms	109	16	17	22	25	12	5	12	—	—	—	9 900
3 rooms	463	48	93	95	90	41	75	16	5	—	—	9 900
4 rooms	1 072	155	232	230	215	106	108	17	—	4	5	9 100
5 rooms	1 834	96	215	276	566	299	266	49	57	—	5	11 500
6 rooms	1 118	30	66	160	302	233	218	64	19	16	10	12 500
7 rooms	384	25	27	44	108	42	84	39	—	15	—	12 200
8 rooms or more	238	23	12	6	29	44	32	15	34	31	12	15 500
Median	5.0	4.4	4.5	4.8	5.1	5.3	5.3	5.7	5.4	—	—	—
<b>PERSONS</b>												
1 person	658	100	95	121	134	60	90	33	15	5	5	10 200
2 persons	1 145	81	204	163	220	161	228	32	30	11	15	11 400
3 persons	927	59	117	158	225	161	109	33	39	21	5	11 400
4 persons	753	58	70	85	253	117	109	41	13	—	7	11 600
5 persons	541	22	49	97	151	73	97	33	4	15	—	11 700
6 persons or more	1 194	73	127	209	352	205	155	40	14	19	—	11 300
Median	3.4	2.8	2.8	3.3	3.8	3.6	3.2	3.7	2.8	—	—	—
Units with roomers, boarders, or lodgers	326	28	55	50	69	52	48	15	9	—	—	11 100
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>4 902</b>	<b>282</b>	<b>559</b>	<b>787</b>	<b>1 306</b>	<b>772</b>	<b>771</b>	<b>207</b>	<b>115</b>	<b>71</b>	<b>32</b>	<b>11 600</b>
0.50 or less	1 913	113	258	279	377	298	366	84	69	37	32	12 000
1.01 to 1.50	1 853	107	162	285	610	290	255	82	32	30	—	11 500
1.51 or more	652	37	81	128	202	88	83	20	9	4	—	11 000
<b>Lacking some or all plumbing facilities</b>	<b>484</b>	<b>25</b>	<b>58</b>	<b>95</b>	<b>117</b>	<b>96</b>	<b>67</b>	<b>21</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>11 400</b>
0.50 or less	316	111	103	46	29	5	17	—	—	—	—	6 100
0.51 to 1.00	124	54	40	18	4	—	8	—	—	—	—	5 500
1.01 to 1.50	123	41	40	17	10	5	5	—	—	—	—	6 300
1.51 or more	16	6	6	—	—	—	4	—	—	—	—	—
Median	53	10	17	11	15	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None and 1	393	18	129	85	78	18	20	25	20	—	—	—
2	1 672	150	526	389	284	172	132	—	—	—	19	8 500
3	2 737	106	284	333	946	416	419	117	64	28	24	11 700
4 or more	423	24	52	18	145	40	46	26	29	43	—	12 000
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	93	—	—	7	7	20	42	7	—	5	5	—
1965 to 1968	601	5	15	51	154	141	144	31	40	20	—	13 800
1960 to 1964	1 760	31	84	297	653	266	285	83	39	5	17	11 800
1950 to 1959	1 484	97	270	258	352	214	191	61	15	16	10	10 800
1940 to 1949	649	91	145	126	106	83	73	15	5	5	—	9 300
1939 or earlier	631	169	148	94	63	53	53	15	16	20	—	7 500
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	4 097	298	416	727	1 127	629	640	135	67	43	15	11 300
2 and 2 1/2	689	14	37	29	74	180	190	85	—	21	9	15 300
3 or more	122	—	—	8	66	6	—	—	18	17	—	—
None or also used by another household	318	104	71	62	39	6	23	13	—	—	—	6 900
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>4 560</b>	<b>293</b>	<b>567</b>	<b>712</b>	<b>1 201</b>	<b>717</b>	<b>698</b>	<b>179</b>	<b>100</b>	<b>64</b>	<b>27</b>	<b>11 500</b>
Male head, wife present, no nonrelatives	3 237	156	342	474	871	552	540	141	77	62	22	11 900
Under 25 years	53	9	5	15	4	5	10	—	—	—	—	—
25 to 34 years	621	10	12	59	254	124	107	45	5	5	5	12 300
35 to 44 years	775	17	34	107	247	147	141	42	19	16	5	12 300
45 to 64 years	1 379	91	204	217	273	216	245	44	47	30	12	11 600
65 years and over	409	29	87	76	93	60	37	10	6	11	—	10 300
Other male head	291	15	36	68	79	52	28	5	4	4	—	10 800
Under 65 years	211	—	26	62	59	37	23	—	—	—	—	10 700
65 years and over	80	15	10	6	20	15	5	—	—	—	—	—
Female head	1 032	122	189	170	251	113	130	33	19	4	5	10 300
Under 65 years	810	92	130	124	216	96	95	33	19	—	—	10 700
65 years and over	222	30	59	46	35	17	35	—	—	—	—	10 700
<b>One-person households</b>	<b>658</b>	<b>100</b>	<b>95</b>	<b>121</b>	<b>134</b>	<b>60</b>	<b>90</b>	<b>33</b>	<b>15</b>	<b>5</b>	<b>5</b>	<b>10 200</b>
Under 65 years	405	42	66	64	100	25	71	27	10	—	—	10 800
65 years and over	253	58	29	57	34	35	19	6	5	5	5	9 200
<b>INCOME IN 1969</b>												
Less than \$2,000	911	162	160	195	135	104	118	17	—	10	10	9 200
\$2,000 to \$2,999	401	31	74	75	91	48	30	33	15	4	—	10 600
\$3,000 to \$3,999	491	63	118	86	113	53	40	9	5	—	—	9 400
\$4,000 to \$4,999	394	16	68	67	134	47	48	14	4	—	—	11 400
\$5,000 to \$5,999	429	22	46	66	143	62	76	4	4	6	—	10 900
\$6,000 to \$6,999	459	33	70	69	152	55	58	7	7	5	10	10 900
\$7,000 to \$9,999	1 143	56	70	160	355	234	178	52	33	—	—	12 000
\$10,000 to \$14,999	693	10	45	79	198	134	144	47	26	5	5	12 800
\$15,000 to \$24,999	258	—	11	27	14	31	87	29	22	25	12	17 400
\$25,000 or more	39	—	—	9	—	9	5	—	5	11	—	—
Median	\$6 000	\$3 100	\$3 800	\$4 900	\$6 300	\$7 300	\$7 300	\$8 300	\$9 600	—	—	—
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	293	6	6	18	30	71	113	20	14	8	7	15 500
1968	224	—	7	27	60	39	59	26	6	—	—	13 700
1967	284	—	—	38	63	102	42	18	12	9	—	13 500
1965 and 1966	640	23	15	124	176	113	128	31	24	6	—	12 200
1960 to 1964	1 640	73	80	238	615	232	264	77	30	7	24	11 700
1950 to 1959	1 447	158	268	248	257	210	188	49	33	36	—	10 500
1949 or earlier	698	156	148	133	105	54	59	12	16	15	—	8 300
<b>HEATING EQUIPMENT</b>												
Steam or hot water	49	9	4	16	11	—	9	—	—	—	—	—
Warm-air furnace	285	—	5	21	45	24	75	44	23	31	17	18 400
Built-in electric units	977	15	46	169	234	157	261	34	52	9	—	12 900
Floor, wall, or pipeless furnace	348	8	22	34	135	38	83	8	10	5	5	12 000
Other means	3 433	349	567	558	900	547	346	110	25	21	10	10 700
None	126	12	18	35	10	11	14	16	5	5	—	9 900
<b>AIR CONDITIONING</b>												
Room unit(s)	906	24	70	96	182	108	313	58	31	16	8	14 400
Central system	303	6	—	20	44	50	65	49	24	29	16	18 200
None	4 017	386	454	710	1 080	663	475	126	80	36	7	11 100

<sup>1</sup>Limited 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)
<b>Specified renter occupied<sup>1</sup></b>	<b>10 319</b>	<b>1 854</b>	<b>756</b>	<b>831</b>	<b>1 055</b>	<b>2 552</b>	<b>1 732</b>	<b>809</b>	<b>260</b>	<b>31</b>	-	<b>439</b>	<b>83</b>
<b>ROOMS</b>													
1 room	1 696	1 050	290	118	55	66	33	9	-	-	-	75	50-
2 rooms	2 288	324	155	298	424	678	217	69	40	-	-	83	78
3 rooms	2 081	264	124	202	317	579	336	141	18	6	-	94	83
4 rooms	3 119	170	129	148	194	915	875	451	132	5	-	100	99
5 rooms	738	26	27	52	44	218	163	104	38	10	-	56	98
6 rooms	308	20	9	13	21	74	93	30	27	5	-	16	102
7 rooms	65	-	12	-	-	22	15	5	-	5	-	6	...
8 rooms or more	24	-	10	-	-	-	-	-	5	-	-	9	...
Median	3.1	1.4	2.1	2.5	2.7	3.4	3.8	3.9	4.0	...	-	3.2	...
<b>PERSONS</b>													
1 person	2 679	1 018	296	276	216	398	211	94	17	6	-	147	58
2 persons	2 198	330	182	212	280	613	338	97	63	5	-	78	82
3 persons	1 443	160	85	105	149	469	205	191	50	10	-	19	91
4 persons	1 305	132	45	79	128	346	350	111	70	-	-	44	93
5 persons	831	73	47	53	101	225	180	98	10	-	-	44	89
6 persons or more	1 863	141	101	106	181	501	448	218	50	10	-	107	94
Median	2.7	1.4	2.0	2.2	2.7	3.1	3.8	3.7	3.5	...	-	2.4	...
Units with roomers, boarders, or lodgers	540	58	61	47	70	146	90	41	11	4	-	12	84
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>7 391</b>	<b>639</b>	<b>394</b>	<b>473</b>	<b>824</b>	<b>2 189</b>	<b>1 590</b>	<b>780</b>	<b>248</b>	<b>31</b>	-	<b>219</b>	<b>92</b>
0.50 or less	1 940	188	126	145	217	606	364	141	62	11	-	80	90
0.51 to 1.00	2 685	287	123	181	275	784	570	313	100	10	-	42	92
1.01 to 1.50	1 261	64	84	72	133	340	280	172	62	5	-	49	94
1.51 or more	1 505	100	61	77	201	459	376	154	24	5	-	48	92
<b>Lacking some or all plumbing facilities</b>	<b>2 928</b>	<b>1 215</b>	<b>362</b>	<b>356</b>	<b>229</b>	<b>363</b>	<b>142</b>	<b>29</b>	<b>12</b>	<b>-</b>	-	<b>220</b>	<b>54</b>
0.50 or less	414	90	42	117	53	37	25	5	-	-	-	45	64
0.51 to 1.00	1 413	777	157	115	61	146	37	4	7	-	-	109	50-
1.01 to 1.50	199	10	30	37	30	49	21	16	-	-	-	6	77
1.51 or more	902	338	133	87	85	131	59	4	5	-	-	60	56
<b>BEDROOMS</b>													
None	2 096	1 214	403	117	21	123	54	16	-	-	-	148	50-
1	3 576	474	215	394	608	1 141	397	210	26	-	-	111	81
2	3 969	201	128	244	257	1 292	1 075	515	162	-	-	95	98
3 or more	775	19	90	84	39	186	167	95	37	22	-	36	93
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	370	82	48	16	11	76	32	45	42	6	-	12	90
1965 to 1968	1 234	209	47	54	83	193	335	224	56	-	-	33	101
1960 to 1964	1 633	98	51	81	215	438	405	207	54	16	-	68	96
1950 to 1959	2 954	503	215	271	357	856	485	135	35	9	-	88	82
1940 to 1949	2 031	450	213	217	235	450	263	89	42	-	-	72	74
1939 or earlier	2 097	512	182	192	154	539	212	109	31	-	-	166	75
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	-	-	-	-	-	-	-	-	-	-	-	-	-
With elevator	-	-	-	-	-	-	-	-	-	-	-	-	-
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 3 floors	10 416	1 908	836	839	925	2 742	1 693	836	225	22	-	390	83
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	7 089	590	347	471	796	2 102	1 593	711	230	33	-	216	92
2 or more	173	40	23	8	15	7	30	27	8	-	-	15	75
None or also used by another household	3 047	1 233	346	345	292	400	143	54	15	-	-	219	55
<b>INCOME IN 1969</b>													
Less than \$2,000	2 813	814	282	285	246	600	262	150	30	-	-	144	68
\$2,000 to \$2,999	1 527	298	143	140	179	387	215	89	18	5	-	53	79
\$3,000 to \$3,999	1 417	263	139	131	191	289	243	99	21	-	-	41	78
\$4,000 to \$4,999	1 186	143	88	94	150	307	206	84	58	-	-	56	88
\$5,000 to \$5,999	1 062	165	53	56	97	296	236	86	16	4	-	53	88
\$6,000 to \$6,999	667	66	6	51	70	245	128	65	11	5	-	20	92
\$7,000 to \$9,999	1 060	75	35	50	69	307	269	141	58	11	-	45	98
\$10,000 to \$14,999	483	25	10	19	53	90	148	68	42	6	-	22	105
\$15,000 to \$24,999	78	5	-	-	-	21	25	16	6	-	-	5	...
\$25,000 or more	26	-	-	5	-	10	-	11	-	-	-	-	...
Median	\$3 600	\$2 400	\$2 700	\$2 900	\$3 500	\$4 000	\$4 700	\$4 800	\$5 200	...	-	\$3 500	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	2 759	528	200	241	244	658	442	233	94	19	-	100	84
1968	1 395	207	81	82	189	335	268	165	27	-	-	41	87
1967	1 165	176	82	77	136	244	296	83	20	-	-	51	87
1965 and 1966	1 883	306	98	167	196	499	326	152	56	6	-	77	85
1960 to 1964	1 818	359	124	116	211	474	325	98	30	8	-	73	83
1950 to 1959	861	173	78	113	89	204	89	40	26	-	-	49	75
1949 or earlier	428	114	53	28	38	95	20	21	-	-	-	59	66
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	645	378	42	45	53	65	40	22	-	-	-	...	50-
10 to 14 percent	1 139	254	87	124	117	298	184	63	12	-	-	...	79
15 to 19 percent	1 459	221	119	88	168	460	254	107	36	6	-	...	86
20 to 24 percent	1 201	212	115	96	142	280	234	82	40	-	-	...	83
25 to 34 percent	1 587	213	116	130	183	421	348	136	29	11	-	...	87
35 percent or more	3 629	521	259	317	377	985	639	374	143	14	-	...	86
Not computed	659	55	18	31	15	43	33	25	-	-	-	439	74
<b>AIR CONDITIONING</b>													
Room unit(s)	664	18	6	6	70	81	172	146	116	14	-	35	116
Central system	118	-	-	-	8	6	22	23	37	14	-	8	...
None	9 527	1 845	710	818	1 025	2 422	1 572	623	100	5	-	407	81

<sup>1</sup>Excludes 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)
<b>Owner occupied housing units</b> .....	5 760	1 027	454	563	473	467	474	1 224	754	285	39	5 800
<b>ROOMS</b>												
1 and 2 rooms .....	159	49	16	20	27	-	11	24	5	7	-	3 700
3 rooms .....	547	145	67	75	44	37	65	77	26	11	-	3 800
4 rooms .....	1 221	304	123	144	117	70	101	253	87	22	-	4 300
5 rooms .....	1 957	287	109	152	158	241	156	460	324	66	4	6 200
6 rooms .....	1 204	171	72	81	96	91	89	274	206	110	14	7 000
7 rooms or more .....	672	71	67	91	31	28	52	136	106	69	21	6 900
<b>PERSONS</b>												
1 person .....	739	423	85	105	43	13	11	33	26	-	-	2000-
2 persons .....	1 281	288	162	134	155	91	83	245	82	37	4	4 400
3 and 4 persons .....	1 847	188	133	158	121	201	158	424	328	120	16	6 800
5 persons .....	585	59	27	73	46	21	66	141	96	42	14	7 000
6 persons or more .....	1 308	69	47	93	108	141	156	381	222	86	5	7 300
Units with roomers, boarders, or lodgers .....	370	141	32	69	14	20	16	44	34	-	-	3 200
<b>BEDROOMS</b>												
Less than 3 .....	2 374	809	168	383	186	145	185	252	146	100	-	3 500
3 .....	2 892	275	194	128	296	296	253	818	399	190	43	7 000
4 or more .....	476	57	29	44	-	48	73	87	71	43	24	6 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	121	5	-	11	7	5	-	40	36	17	-	9 400
1960 to 1968 .....	2 608	231	153	256	228	226	276	682	386	161	9	6 800
1950 to 1959 .....	1 639	252	135	144	159	159	123	345	231	70	21	5 800
1949 or earlier .....	1 392	539	166	152	79	77	75	157	101	37	9	2 900
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	373	28	29	33	33	40	9	103	75	23	-	7 400
1968 .....	272	5	6	8	25	69	13	73	52	21	-	7 400
1960 to 1967 .....	2 812	274	210	305	250	198	311	698	406	155	5	6 500
1959 or earlier .....	2 331	689	222	224	161	160	135	368	271	75	26	4 200
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	2 900	351	216	229	289	258	226	690	293	281	67	6 500
Clothes dryer .....	515	65	-	21	64	22	-	77	89	128	49	10 500
Dishwasher .....	302	42	-	-	94	-	22	60	22	38	24	...
Home food freezer .....	1 470	198	70	72	215	80	180	351	164	73	67	6 600
Owned second home .....	121	-	-	-	-	19	-	20	48	34	-	...
With air conditioning .....	1 340	104	74	123	86	71	98	285	316	164	19	8 200
Room unit(s) .....	1 010	90	49	85	73	48	98	215	259	80	13	7 900
Central system .....	330	14	25	38	13	23	-	70	57	84	6	9 200
Automobiles available:												
1 .....	2 806	383	262	314	280	247	287	689	303	41	-	5 700
2 .....	1 796	97	72	169	89	127	139	478	423	176	26	8 300
3 or more .....	207	7	-	13	14	24	14	34	53	48	-	9 800
<b>Renter occupied housing units</b> .....	10 666	2 876	1 562	1 447	1 207	1 142	701	1 123	504	78	26	3 600
<b>ROOMS</b>												
1 room .....	1 732	765	296	271	176	87	56	59	22	-	-	2 300
2 rooms .....	2 369	699	349	358	282	252	141	209	58	11	10	3 400
3 rooms .....	2 153	587	318	311	185	219	178	245	99	11	-	3 600
4 rooms .....	3 173	617	444	386	420	378	233	419	238	12	16	4 300
5 rooms .....	786	121	116	76	95	124	44	143	44	23	-	4 800
6 rooms or more .....	453	87	39	45	49	82	49	48	43	11	-	5 100
<b>PERSONS</b>												
1 person .....	2 728	1 315	445	421	211	145	99	79	8	-	5	2 100
2 persons .....	2 250	548	388	364	257	244	158	180	100	11	-	3 500
3 and 4 persons .....	2 838	593	379	331	393	326	187	404	185	35	5	4 300
5 persons .....	880	120	101	101	127	169	66	141	49	-	6	4 900
6 persons or more .....	1 970	300	249	230	219	258	191	319	162	32	10	4 900
Units with roomers, boarders, or lodgers .....	540	198	91	76	57	42	29	32	10	5	-	2 800
<b>BEDROOMS</b>												
None .....	2 137	1 067	319	301	214	127	64	45	-	-	-	2 000
1 .....	3 665	1 065	558	598	374	525	206	220	84	-	35	3 400
2 .....	4 030	840	538	470	459	333	324	646	365	34	21	4 400
3 or more .....	895	167	117	77	126	137	52	146	73	-	-	4 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	399	89	68	24	43	70	27	57	15	6	-	4 400
1960 to 1968 .....	2 936	556	337	377	354	369	273	409	226	19	16	4 600
1950 to 1959 .....	3 018	837	443	478	354	284	143	331	121	27	-	3 500
1949 or earlier .....	4 313	1 394	714	568	456	419	258	326	142	26	10	3 100
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	2 827	815	424	285	337	255	231	327	138	8	7	3 600
1968 .....	1 451	396	249	160	192	151	88	141	61	13	-	3 500
1960 to 1967 .....	5 001	1 123	686	790	538	594	327	613	264	60	6	3 900
1959 or earlier .....	1 370	479	212	198	146	134	70	87	38	6	-	3 000
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	10 319	2 813	1 527	1 417	1 186	1 062	667	1 060	483	78	26	3 600
Less than 15 percent .....	1 784	-	28	131	162	268	176	511	409	73	26	7 700
15 to 19 percent .....	1 459	10	73	197	185	253	303	386	52	-	-	6 000
20 to 24 percent .....	1 201	53	191	193	262	288	125	89	-	-	-	4 600
25 to 34 percent .....	1 587	186	257	506	391	180	38	29	-	-	-	3 700
35 percent or more .....	3 629	2 200	925	349	130	20	5	-	-	-	-	2000-
Not computed .....	659	364	53	41	56	53	20	45	22	5	-	2000-
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	1 262	234	162	105	122	240	52	205	121	-	21	5 000
Clothes dryer .....	207	21	24	-	45	44	32	20	21	-	-	...
Dishwasher .....	24	-	24	-	-	-	-	-	-	-	-	...
Home food freezer .....	1 389	278	161	113	127	212	98	245	155	-	-	...
Owned second home .....	301	90	-	37	64	23	21	24	21	-	-	5 100
With air conditioning .....	797	90	82	78	97	62	59	164	138	27	21	5 800
Room unit(s) .....	679	66	76	71	73	62	49	130	125	27	-	5 900
Central system .....	118	24	6	7	24	-	10	34	13	-	-	...
Automobiles available:												
1 .....	4 336	669	531	549	573	630	378	648	329	7	7	4 700
2 .....	1 025	71	74	78	155	162	85	248	108	38	6	5 800
3 or more .....	123	32	10	20	12	-	13	14	16	-	-	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	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	
<b>Owner occupied housing units</b> .....	5 760	5 395	2 091	2 020	753	531	365	131	152	21	61
<b>PERSONS</b>											
1 person .....	739	661	661	—	—	—	78	72	6	—	—
2 persons .....	1 281	1 195	1 061	134	—	—	86	49	28	—	9
3 persons .....	1 020	958	333	609	16	—	62	4	54	—	4
4 persons .....	827	772	27	635	93	17	55	6	39	5	5
5 persons .....	585	556	9	405	110	32	29	—	5	12	12
6 persons or more .....	1 308	1 253	—	237	534	482	55	—	20	4	31
Median .....	3.3	3.4	1.9	3.9	6.4	7.5+	2.8	1.4	3.3	...	...
Units with roomers, boarders, or lodgers .....	370	330	107	152	49	22	40	13	23	4	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	127	127	27	50	21	29	—	—	—	—	—
1965 to 1968 .....	718	702	225	324	98	53	16	—	16	—	—
1960 to 1964 .....	1 891	1 853	703	686	251	213	38	—	24	—	14
1950 to 1959 .....	1 611	1 562	564	546	258	194	49	14	21	—	14
1940 to 1949 .....	764	651	342	225	57	27	113	69	32	5	7
1939 or earlier .....	677	565	349	142	50	24	112	35	38	14	25
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	1 027	865	595	204	54	32	142	85	33	16	8
\$2,000 to \$2,999 .....	454	419	254	108	37	20	35	7	28	—	—
\$3,000 to \$3,999 .....	563	517	223	184	76	34	46	10	20	—	10
\$4,000 to \$4,999 .....	473	448	201	134	43	70	25	16	8	—	7
\$5,000 to \$5,999 .....	467	442	111	181	111	39	25	8	17	—	—
\$6,000 to \$6,999 .....	474	449	99	183	89	78	25	5	11	5	4
\$7,000 to \$9,999 .....	1 224	1 188	326	517	186	159	34	—	20	—	16
\$10,000 to \$14,999 .....	754	729	183	346	118	82	25	—	15	—	10
\$15,000 to \$24,999 .....	285	279	74	149	39	17	6	—	—	—	6
\$25,000 or more .....	39	39	25	14	—	—	—	—	—	—	—
Median .....	\$5 800	\$6 000	\$3 900	\$7 100	\$6 600	\$6 900	\$3 100	\$2000—	\$3 800	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	5 218	4 902	1 913	1 853	652	484	316	124	123	16	53
Less than 1.5 .....	1 709	1 598	333	796	268	201	111	16	52	—	43
1.5 to 1.9 .....	908	865	279	364	136	86	43	18	15	—	10
2.0 to 2.4 .....	583	567	207	209	85	66	16	5	5	6	—
2.5 to 2.9 .....	432	404	155	134	45	70	28	16	12	—	—
3.0 to 3.9 .....	420	380	211	84	56	29	40	28	12	—	—
4.0 or more .....	1 069	995	635	266	62	32	74	37	27	10	—
Not computed .....	97	93	93	—	—	—	4	4	—	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	49	45	9	19	6	11	4	—	—	4	—
Warm-air furnace .....	319	317	140	140	26	11	2	2	—	—	—
Built-in electric units .....	1 154	1 144	421	446	148	129	10	—	10	—	—
Floor, wall, or pipeless furnace .....	379	368	123	157	54	34	11	4	3	—	4
Other means .....	3 703	3 374	1 289	1 225	519	341	329	122	139	11	57
None .....	156	147	109	33	—	5	9	3	—	6	—
<b>Renter occupied housing units</b> .....	10 666	7 632	1 951	2 806	1 300	1 575	3 034	445	1 444	218	927
<b>PERSONS</b>											
1 person .....	2 728	1 373	1 195	178	—	—	1 355	379	976	—	—
2 persons .....	2 250	1 628	719	817	—	92	622	62	292	—	268
3 persons .....	1 509	1 239	37	929	268	5	270	4	93	100	73
4 persons .....	1 329	1 126	—	713	223	190	203	—	52	16	135
5 persons .....	880	707	—	135	294	278	173	—	12	33	128
6 persons or more .....	1 970	1 559	—	34	515	1 010	411	—	19	69	323
Median .....	2.7	3.2	1.3	2.9	5.0	6.6	1.8	1.1	1.2	4.1	4.4
Units with roomers, boarders, or lodgers .....	540	421	115	190	62	54	119	—	24	7	88
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	316	287	76	64	70	77	29	8	13	—	8
1965 to 1968 .....	1 281	1 244	273	507	240	224	37	—	28	—	9
1960 to 1964 .....	1 706	1 493	362	528	235	368	213	55	94	19	45
1950 to 1959 .....	3 049	2 087	413	735	388	551	962	113	476	68	305
1940 to 1949 .....	2 119	1 201	293	476	205	227	918	146	410	57	305
1939 or earlier .....	2 178	1 457	574	539	164	180	721	110	321	46	244
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	2 876	1 699	682	622	161	234	1 177	242	614	75	246
\$2,000 to \$2,999 .....	1 562	1 060	348	341	136	235	502	53	270	30	149
\$3,000 to \$3,999 .....	1 447	929	258	309	155	207	518	82	257	47	132
\$4,000 to \$4,999 .....	1 207	939	212	342	205	180	268	24	117	21	106
\$5,000 to \$5,999 .....	1 142	893	189	298	208	198	249	15	108	9	117
\$6,000 to \$6,999 .....	701	582	94	259	91	138	119	14	31	3	71
\$7,000 to \$9,999 .....	1 123	978	119	384	226	249	145	10	47	11	77
\$10,000 to \$14,999 .....	504	458	49	205	85	119	46	—	—	17	29
\$15,000 to \$24,999 .....	78	78	—	46	22	10	—	—	—	—	—
\$25,000 or more .....	26	16	—	—	11	5	10	5	—	5	—
Median .....	\$3 600	\$4 100	\$2 800	\$4 400	\$5 000	\$4 600	\$2 700	\$2000—	\$2 400	\$3 100	\$3 500
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	10 319	7 391	1 940	2 685	1 261	1 505	2 928	414	1 413	199	902
Less than 10 percent .....	645	459	63	183	95	118	186	5	51	10	120
10 to 14 percent .....	1 139	795	96	335	172	192	344	36	140	14	154
15 to 19 percent .....	1 459	1 093	182	418	201	292	366	25	216	20	105
20 to 24 percent .....	1 201	865	222	294	200	149	336	26	164	24	122
25 to 34 percent .....	1 587	1 195	355	446	205	189	392	56	216	22	98
35 percent or more .....	3 629	2 629	855	929	339	506	1 000	199	479	97	225
Not computed .....	659	355	167	80	—	49	304	67	147	12	78
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	138	123	32	37	32	22	15	—	—	6	9
Warm-air furnace .....	118	107	45	34	21	7	11	—	—	—	11
Built-in electric units .....	1 362	1 272	316	522	246	188	90	5	47	—	38
Floor, wall, or pipeless furnace .....	129	123	16	47	27	33	6	—	—	—	6
Other means .....	6 804	4 881	1 261	1 707	816	1 097	1 923	303	916	173	531
None .....	2 115	1 126	281	459	158	228	989	137	481	39	332

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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
<b>Owner occupied housing units</b>	5 760	24	135	547	1 221	1 957	1 204	405	267	5.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	5 393	7	119	411	1 093	1 869	1 237	378	279	5.1
<b>PERSONS</b>										
1 person	739	6	21	86	230	196	133	33	34	4.6
2 persons	1 281	9	49	113	343	454	227	56	30	4.8
3 persons	1 020	4	16	80	233	350	226	59	52	5.0
4 persons	827	—	22	98	148	325	158	43	33	4.9
5 persons	585	—	17	27	122	180	142	67	30	5.2
6 persons or more	1 308	5	10	143	145	452	318	147	88	5.3
Median	3.3	—	2.4	3.4	2.7	3.4	3.6	4.7	4.0	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	5 395	5	113	472	1 111	1 869	1 175	400	250	5.0
0.50 or less	2 091	—	16	72	523	610	570	148	152	5.2
0.51 to 1.00	2 020	—	44	154	339	820	346	229	88	5.1
1.01 to 1.50	753	—	16	93	172	261	184	17	10	4.9
1.51 or more	531	5	37	153	77	178	75	6	—	4.4
Lacking some or all plumbing facilities	365	19	22	75	110	88	29	5	17	4.1
0.50 or less	131	—	5	14	50	40	16	—	6	4.4
0.51 to 1.00	152	6	5	39	42	35	9	5	11	4.1
1.01 to 1.50	21	—	—	5	12	4	—	—	—	—
1.51 or more	61	13	12	17	6	9	4	—	—	—
<b>BEDROOMS</b>										
None and 1	507	23	111	330	17	26	—	—	—	2.9
2	1 867	—	—	396	958	379	134	—	—	4.1
3	2 892	—	—	—	228	1 470	813	278	103	5.3
4 or more	476	—	—	—	—	25	74	236	141	7.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	121	—	7	5	24	45	19	16	5	5.0
1960 to 1968	2 608	—	45	247	385	1 008	582	242	99	5.1
1950 to 1959	1 639	9	43	162	469	473	364	70	49	4.8
1949 or earlier	1 392	15	40	133	343	431	239	77	114	4.9
<b>COMPLETE BATHROOMS</b>										
1 and 1/2	4 518	7	119	355	1 010	1 649	1 008	231	139	5.0
2 or more	900	—	—	62	95	227	229	147	140	5.8
None or also used by another household	370	18	28	88	96	101	32	—	7	4.0
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	5 218	10	99	463	1 072	1 834	1 118	384	238	5.0
Less than 1.5	1 709	10	22	110	306	651	377	141	92	5.1
1.5 to 1.9	908	—	22	38	189	340	224	63	32	5.1
2.0 to 2.9	1 015	—	23	137	188	382	184	73	28	4.9
3.0 or more	1 489	—	32	178	380	424	306	89	80	4.9
Not computed	97	—	—	—	9	37	27	18	6	—
<b>Renter occupied housing units</b>	10 466	1 732	2 369	2 153	3 173	784	335	82	36	3.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	7 218	240	1 344	1 659	2 860	730	284	82	19	3.6
<b>PERSONS</b>										
1 person	2 728	1 154	654	465	341	73	24	6	11	1.8
2 persons	2 250	360	555	554	627	112	37	—	5	2.9
3 persons	1 509	78	368	352	555	115	19	18	4	3.4
4 persons	1 329	74	251	239	597	125	43	—	—	3.7
5 persons	880	16	219	171	327	101	29	12	5	3.6
6 persons or more	1 970	50	322	372	726	260	183	46	11	3.8
Median	2.7	1.3	2.5	2.7	3.6	4.2	6.0	—	—	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	7 632	320	1 493	1 818	2 866	738	289	82	26	3.6
0.50 or less	1 951	—	398	400	871	168	80	24	10	3.7
0.51 to 1.00	2 806	178	348	764	1 069	330	77	24	16	3.6
1.01 to 1.50	1 300	—	268	223	540	151	94	24	—	3.8
1.51 or more	1 575	142	479	431	386	89	38	10	—	2.9
Lacking some or all plumbing facilities	3 034	1 412	876	335	307	48	46	—	—	1.6
0.50 or less	445	—	256	65	97	17	—	—	10	2.4
0.51 to 1.00	1 444	976	207	142	83	11	25	—	—	1.2
1.01 to 1.50	218	—	100	16	76	10	16	—	—	3.1
1.51 or more	927	436	313	112	51	10	5	—	—	1.6
<b>BEDROOMS</b>										
None	2 137	1 960	122	55	—	—	—	—	—	1.0
1	3 665	—	2 119	1 243	283	20	—	—	—	2.4
2	4 030	—	—	989	2 650	332	59	—	—	3.9
3 or more	895	—	—	—	156	424	240	75	—	5.2
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	399	40	92	86	85	59	29	8	—	3.3
1960 to 1968	2 936	142	570	640	1 275	242	62	5	—	3.6
1950 to 1959	3 018	657	819	538	793	144	46	10	11	2.6
1949 or earlier	4 313	893	888	889	1 020	341	198	59	25	2.9
<b>COMPLETE BATHROOMS</b>										
1 and 1/2	7 300	299	1 396	1 719	2 817	709	252	74	34	3.6
2 or more	181	36	13	—	64	21	39	8	—	4.1
None or also used by another household	3 168	1 327	996	373	346	53	58	—	15	1.8
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	10 319	1 696	2 288	2 081	3 119	738	308	65	24	3.1
Less than 10 percent	645	139	143	172	134	31	21	5	—	2.7
10 to 14 percent	1 139	221	249	238	308	90	33	—	—	2.9
15 to 19 percent	1 459	229	294	278	520	90	33	10	5	3.2
20 to 24 percent	1 201	185	256	206	382	87	62	18	5	3.3
25 to 34 percent	1 587	249	364	267	540	120	42	5	—	3.2
35 percent or more	3 629	536	848	787	1 096	247	89	21	5	3.0
Not computed	659	137	134	133	139	73	28	6	9	2.9

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

<sup>2</sup>Excludes 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
<b>All occupied housing units</b> .....	5 760	5 320	296	144	10 666	3 287	1 820	1 378	1 234	1 623	1 263	61
<b>ROOMS</b>												
1 room .....	24	14	6	4	1 732	157	76	97	226	594	582	-
2 rooms .....	135	109	15	11	2 369	558	255	270	336	499	439	12
3 rooms .....	547	485	29	33	2 153	716	490	306	287	201	136	17
4 rooms .....	1 221	1 094	94	33	3 173	1 015	828	629	295	304	88	14
5 rooms .....	1 957	1 839	78	40	786	476	125	68	67	20	12	18
6 rooms .....	1 204	1 147	46	11	335	280	31	4	14	-	6	-
7 rooms .....	405	388	5	12	82	63	15	-	4	5	-	-
8 rooms or more .....	267	244	23	-	36	22	-	4	5	5	-	-
Median .....	5.0	5.0	4.6	4.2	3.1	3.7	3.6	3.5	2.7	1.9	1.6	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> .....	5 395	4 995	267	133	7 632	2 564	1 580	1 209	930	819	473	57
0.50 or less .....	2 091	1 943	121	27	1 951	693	361	342	261	181	94	19
0.51 to 1.00 .....	2 020	1 881	87	52	2 806	986	619	469	325	300	101	6
1.01 to 1.50 .....	753	671	45	37	1 300	395	280	195	176	133	101	20
1.51 or more .....	531	500	14	17	1 575	490	320	203	168	205	177	12
<b>Lacking some or all plumbing facilities</b> .....	365	325	29	11	3 034	723	240	169	304	804	790	4
0.50 or less .....	131	124	5	2	445	169	57	50	36	64	65	4
0.51 to 1.00 .....	152	128	24	-	1 444	215	97	66	145	443	478	-
1.01 to 1.50 .....	21	16	-	5	218	90	11	24	12	66	15	-
1.51 or more .....	61	57	-	4	927	249	75	29	111	231	232	-
<b>BEDROOMS</b>												
None .....	23	-	23	-	2 137	145	142	186	308	739	617	-
1 .....	484	393	70	21	3 665	1 033	488	613	386	505	640	-
2 .....	1 867	1 693	116	58	4 030	1 246	991	788	383	452	115	55
3 .....	2 892	2 759	74	59	596	334	171	33	58	-	-	-
4 or more .....	476	423	53	-	299	220	59	-	20	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	121	93	12	16	399	94	82	101	42	37	37	6
1965 to 1968 .....	707	610	69	28	1 283	241	377	280	113	181	78	13
1960 to 1964 .....	1 901	1 785	71	45	1 653	367	370	219	198	271	215	13
1950 to 1959 .....	1 639	1 527	70	42	3 018	700	459	303	393	563	585	15
1940 to 1949 .....	719	654	52	13	2 142	896	264	233	184	307	250	8
1939 or earlier .....	673	651	22	-	2 171	989	268	242	304	264	98	6
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	1 027	935	58	34	2 876	798	340	382	378	554	394	30
\$2,000 to \$2,999 .....	454	410	28	16	1 562	464	260	190	164	241	237	6
\$3,000 to \$3,999 .....	563	511	24	28	1 447	386	221	186	178	240	226	10
\$4,000 to \$4,999 .....	473	394	51	28	1 207	371	201	172	136	180	139	8
\$5,000 to \$5,999 .....	467	429	15	23	1 142	399	303	65	174	118	83	-
\$6,000 to \$6,999 .....	474	465	4	5	701	242	153	125	67	75	39	-
\$7,000 to \$9,999 .....	1 224	1 172	42	10	1 123	360	231	173	97	157	98	7
\$10,000 to \$14,999 .....	754	702	52	-	504	212	101	79	34	52	26	-
\$15,000 to \$24,999 .....	285	263	22	-	78	39	10	6	6	6	11	-
\$25,000 or more .....	39	39	-	-	26	16	-	-	-	-	10	-
Median .....	\$5 800	\$6 000	\$4 700	\$3 800	\$3 600	\$4 000	\$4 400	\$3 600	\$3 400	\$3 100	\$3 000	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	373	316	7	50	2 827	773	377	395	340	494	413	35
1968 .....	272	229	20	23	1 451	420	281	211	159	232	134	14
1967 .....	324	291	21	12	1 204	404	227	153	118	126	176	-
1965 and 1966 .....	717	656	55	6	1 948	547	353	279	207	304	252	6
1960 to 1964 .....	1 771	1 667	77	27	1 849	627	351	182	280	236	173	-
1950 to 1959 .....	1 388	1 296	78	14	861	362	110	67	95	152	75	-
1949 or earlier .....	943	904	31	8	509	255	92	13	34	84	22	9
<b>GROSS RENT</b>												
<b>Specified renter occupied!</b> .....	...	...	...	...	10 319	2 940	1 820	1 378	1 234	1 623	1 263	61
Less than \$50 .....	...	...	...	...	1 854	308	321	179	209	412	425	-
\$50 to \$59 .....	...	...	...	...	756	147	82	114	145	144	120	4
\$60 to \$69 .....	...	...	...	...	831	292	111	92	66	151	119	-
\$70 to \$79 .....	...	...	...	...	1 055	326	184	122	125	161	133	4
\$80 to \$99 .....	...	...	...	...	2 552	879	551	305	300	340	177	-
\$100 to \$119 .....	...	...	...	...	1 732	504	405	321	237	172	86	7
\$120 to \$149 .....	...	...	...	...	809	223	104	183	65	122	94	18
\$150 to \$199 .....	...	...	...	...	260	80	16	46	28	46	44	-
\$200 to \$299 .....	...	...	...	...	31	14	5	-	-	-	12	-
\$300 or more .....	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent .....	...	...	...	...	439	167	41	16	59	75	53	28
Median .....	...	...	...	...	\$83	\$87	\$87	\$93	\$82	\$74	\$65	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water .....	49	49	-	-	138	51	39	31	-	8	9	-
Warm-air furnace .....	319	301	5	13	118	24	11	31	11	25	16	-
Built-in electric units .....	1 154	993	128	33	1 362	310	254	301	131	268	98	-
Floor, wall, or pipeless furnace .....	379	354	14	11	129	73	40	-	-	16	-	-
Other means .....	3 703	3 497	130	76	6 804	2 303	1 222	758	822	878	764	57
None .....	156	126	19	11	2 115	526	254	257	270	428	376	4
<b>AIR CONDITIONING</b>												
Room unit(s) .....	1 010	932	66	12	679	208	76	87	94	136	71	7
Central system .....	330	309	13	8	118	22	5	15	18	25	33	-
None .....	4 448	4 118	210	120	9 852	3 158	1 710	1 198	1 121	1 467	1 141	57
<b>AUTOMOBILES AVAILABLE</b>												
1 .....	2 806	2 575	141	90	4 336	1 474	946	590	435	525	340	26
2 .....	1 796	1 701	87	8	1 025	444	150	155	102	101	73	-
3 or more .....	207	194	7	6	123	57	12	-	12	32	10	-
None .....	979	889	54	36	5 165	1 413	683	555	684	970	822	38

<sup>1</sup>Excludes 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		
<b>Owner occupied housing units</b> .....	5 760	72	693	846	1 532	442	230	90	853	263	476	263
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	5 395	67	687	841	1 435	428	209	80	767	220	442	219
0.50 or less .....	2 091	25	86	105	513	216	77	30	269	109	442	219
0.51 to 1.00 .....	2 020	28	396	398	543	167	64	31	315	78	-	-
1.01 to 1.50 .....	753	5	122	203	205	40	33	15	106	24	-	-
1.51 or more .....	531	9	83	135	174	5	35	4	77	9	-	-
Lacking some or all plumbing facilities .....	365	5	6	5	97	14	21	10	86	43	34	44
0.50 or less .....	131	5	-	-	10	6	-	-	19	19	28	44
0.51 to 1.00 .....	152	-	-	-	42	8	21	10	41	24	6	-
1.01 to 1.50 .....	21	-	-	5	-	-	-	-	16	-	-	-
1.51 or more .....	61	-	6	-	45	-	-	-	10	-	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	5 320	57	632	794	1 403	415	216	85	814	227	424	253
2 or more .....	296	5	41	30	77	21	14	-	17	36	45	10
Mobile home or trailer .....	144	10	20	22	52	6	-	5	22	-	7	-
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	1 027	15	10	28	93	96	16	46	158	142	180	243
\$2,000 to \$2,999 .....	454	19	15	22	72	64	14	15	94	54	76	9
\$3,000 to \$3,999 .....	563	5	25	38	99	82	22	10	166	11	94	11
\$4,000 to \$4,999 .....	473	5	61	44	142	48	21	-	85	24	43	-
\$5,000 to \$5,999 .....	467	-	59	81	169	37	37	5	63	3	13	-
\$6,000 to \$6,999 .....	474	-	49	91	199	22	26	-	66	10	11	-
\$7,000 to \$7,999 .....	1 224	9	256	251	412	48	49	9	147	10	33	-
\$10,000 to \$14,999 .....	754	9	157	179	246	39	21	5	57	5	26	-
\$15,000 to \$24,999 .....	285	-	56	103	79	6	20	-	17	4	-	-
\$25,000 or more .....	39	-	9	9	21	4	-	-	-	-	-	-
Median .....	\$5 800	...	\$8 500	\$8 400	\$7 000	\$3 700	\$6 200	...	\$4 100	\$2000-	\$2 800	\$2000-
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied? .....	5 218	53	621	775	1 379	409	211	80	810	222	405	253
Less than 1.5 .....	1 709	18	266	343	616	122	74	9	208	18	35	-
1.5 to 1.9 .....	908	10	163	201	276	33	37	11	115	18	40	4
2.0 to 2.4 .....	583	5	82	110	161	36	29	-	90	24	34	12
2.5 to 2.9 .....	432	5	65	39	93	27	29	16	90	19	49	15
3.0 to 3.9 .....	420	5	15	44	94	29	26	-	92	20	50	15
4.0 or more .....	1 069	10	30	38	124	132	16	39	211	116	172	181
Not computed .....	97	-	-	-	15	-	-	5	4	7	25	41
<b>Renter occupied housing units</b> .....	10 666	637	1 513	968	1 297	307	595	75	2 337	209	2 171	557
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	7 432	527	1 283	788	917	232	449	69	1 832	162	1 111	262
0.50 or less .....	1 951	24	71	82	132	70	78	14	244	41	961	234
0.51 to 1.00 .....	2 806	275	553	213	376	110	213	55	731	102	150	28
1.01 to 1.50 .....	1 300	128	333	195	167	23	104	-	340	10	-	-
1.51 or more .....	1 575	100	326	298	242	29	54	-	517	9	-	-
Lacking some or all plumbing facilities .....	3 034	110	230	180	380	75	146	6	505	47	1 060	295
0.50 or less .....	445	-	4	-	14	4	-	-	24	20	276	103
0.51 to 1.00 .....	1 444	48	44	39	149	55	23	-	99	11	784	192
1.01 to 1.50 .....	218	5	11	31	51	5	18	-	92	5	-	-
1.51 or more .....	927	57	171	110	166	11	105	6	290	11	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	3 287	227	407	330	578	116	184	18	738	89	477	123
2 to 4 .....	3 198	188	609	277	366	104	171	16	824	60	434	149
5 to 19 .....	2 857	156	355	253	254	54	185	35	559	49	756	201
20 or more .....	1 263	66	128	108	85	33	55	6	206	11	487	78
Mobile home or trailer .....	61	-	14	-	14	-	-	-	10	-	17	6
<b>GROSS RENT</b>												
Specified renter occupied? .....	10 319	609	1 462	924	1 186	303	595	68	2 284	209	2 128	551
Less than \$50 .....	1 854	52	137	82	167	32	66	12	233	55	755	263
\$50 to \$59 .....	756	10	33	25	93	25	65	11	184	14	244	52
\$60 to \$69 .....	831	59	44	47	110	16	49	-	216	14	213	63
\$70 to \$79 .....	1 055	63	158	82	138	45	64	11	257	21	179	37
\$80 to \$99 .....	2 552	173	377	268	346	109	160	15	647	59	346	52
\$100 to \$119 .....	1 732	124	405	244	165	45	81	9	416	32	183	28
\$120 to \$149 .....	809	72	184	102	70	10	56	5	207	9	83	11
\$150 to \$199 .....	260	39	54	22	18	10	38	5	57	-	17	-
\$200 to \$299 .....	31	-	5	5	5	-	4	-	11	-	6	-
\$300 or more .....	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent .....	439	17	70	47	74	11	12	-	54	5	102	45
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied? .....	10 319	609	1 462	924	1 186	303	595	68	2 284	209	2 128	551
Less than \$5,000 .....	6 943	325	542	355	601	239	374	68	1 933	158	1 814	534
Less than 20 percent .....	786	48	82	36	93	16	51	11	133	21	284	11
20 to 24 percent .....	699	33	43	92	103	32	54	5	84	12	219	22
25 to 34 percent .....	1 340	94	176	86	129	62	50	11	333	13	278	108
35 percent or more .....	3 604	144	198	129	240	123	200	32	1 285	97	840	316
Not computed .....	514	6	43	12	36	6	19	9	98	15	193	77
\$5,000 to \$9,999 .....	2 789	233	698	470	482	64	181	-	296	47	301	17
Less than 20 percent .....	1 897	162	503	280	342	39	125	-	198	24	207	17
20 to 24 percent .....	502	49	123	96	90	10	10	-	55	23	46	-
25 to 34 percent .....	247	11	45	5	17	5	31	-	37	-	37	-
35 percent or more .....	25	-	-	-	-	-	15	-	-	-	-	-
Not computed .....	118	11	27	25	33	5	-	-	6	-	11	-
\$10,000 to \$14,999 .....	483	51	186	72	82	-	35	-	45	4	8	-
Less than 20 percent .....	461	51	186	67	77	-	23	-	45	4	8	-
20 to 24 percent .....	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more .....	-	-	-	-	-	-	-	-	-	-	-	-
Not computed .....	22	-	5	5	5	-	12	-	-	-	-	-
\$15,000 or more .....	104	-	36	27	21	-	5	-	10	-	5	-
Less than 20 percent .....	99	-	36	22	21	-	5	-	10	-	5	-
20 to 24 percent .....	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more .....	-	-	-	-	-	-	-	-	-	-	-	-
Not computed .....	5	-	-	5	-	-	-	-	-	-	-	-

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

<sup>2</sup>Excludes 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
<b>Owner occupied housing units</b> .....	<b>5 760</b>	<b>739</b>	<b>1 281</b>	<b>1 020</b>	<b>827</b>	<b>585</b>	<b>397</b>	<b>462</b>	<b>449</b>	<b>3.3</b>
<b>BEDROOMS</b>										
None and 1 .....	507	72	164	58	45	—	65	31	72	2.8
2 .....	1 867	352	648	341	197	88	146	73	22	2.4
3 .....	2 892	106	507	512	379	459	183	372	374	4.3
4 or more .....	476	29	27	42	89	22	143	71	53	5.7
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	121	5	5	27	36	11	11	5	21	4.2
1965 to 1968 .....	707	28	167	114	131	98	68	45	56	3.8
1960 to 1964 .....	1 901	200	394	283	324	214	116	185	185	3.7
1950 to 1959 .....	1 639	166	362	344	190	161	114	177	125	3.3
1940 to 1949 .....	719	172	165	130	96	60	43	18	35	2.7
1939 or earlier .....	673	168	188	122	50	41	45	32	27	2.4
<b>UNITS IN STRUCTURE</b>										
1 .....	5 320	677	1 156	954	764	549	362	424	434	3.4
2 or more .....	296	55	88	47	27	20	35	15	9	2.6
Mobile home or trailer .....	144	7	37	19	36	16	—	23	6	3.8
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	4 518	645	1 004	789	618	446	308	314	394	3.3
2 and 2 1/2 .....	778	52	159	161	134	112	44	73	43	3.6
3 or more .....	122	—	19	19	37	9	8	22	8	...
None or also used by another household .....	370	89	99	59	49	40	7	20	7	2.5
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>5 021</b>	...	<b>1 281</b>	<b>1 020</b>	<b>827</b>	<b>585</b>	<b>397</b>	<b>462</b>	<b>449</b>	<b>3.8</b>
Male head, wife present, no nonrelatives .....	3 585	...	783	734	614	437	335	343	339	3.9
Under 25 years .....	72	...	20	24	10	9	—	—	9	...
25 to 34 years .....	693	...	42	121	205	108	109	42	66	4.4
35 to 44 years .....	846	...	72	129	142	165	85	141	112	5.0
45 to 64 years .....	1 532	...	437	348	187	136	127	150	147	3.4
65 years and over .....	442	...	212	112	70	19	14	10	5	2.6
Other male head .....	320	...	116	50	47	31	10	17	49	3.4
Under 65 years .....	230	...	81	35	36	21	—	17	40	3.5
65 years and over .....	90	...	35	15	11	10	10	—	9	...
Female head .....	1 116	...	382	236	166	117	52	102	61	3.2
Under 65 years .....	853	...	234	173	157	112	44	76	57	3.6
65 years and over .....	263	...	148	63	9	5	8	26	4	2.4
<b>One-person households</b> .....	<b>739</b>	<b>739</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
Specified owner-occupied <sup>1</sup> .....	<b>5 218</b>	<b>658</b>	<b>1 145</b>	<b>927</b>	<b>753</b>	<b>541</b>	<b>357</b>	<b>412</b>	<b>425</b>	<b>3.4</b>
Less than 1.5 .....	1 709	35	196	408	311	218	142	187	212	4.2
1.5 to 1.9 .....	908	44	221	132	168	103	77	80	83	3.8
2.0 to 2.4 .....	583	46	137	111	82	48	60	50	49	3.5
2.5 to 2.9 .....	432	49	132	42	63	55	29	21	41	3.3
3.0 to 3.9 .....	420	65	125	86	42	34	15	22	31	2.7
4.0 or more .....	1 069	353	313	138	87	83	34	52	9	2.1
Not computed .....	97	66	21	10	—	—	—	—	—	...
<b>Renter occupied housing units</b> .....	<b>10 666</b>	<b>2 728</b>	<b>2 250</b>	<b>1 509</b>	<b>1 329</b>	<b>880</b>	<b>693</b>	<b>699</b>	<b>578</b>	<b>2.7</b>
<b>BEDROOMS</b>										
None .....	2 137	1 340	505	98	110	23	40	21	—	1.3
1 .....	3 665	1 143	907	486	452	261	112	104	200	2.3
2 .....	4 030	319	874	627	730	516	451	255	258	3.8
3 or more .....	895	42	111	127	89	15	97	192	222	6.2
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	399	130	72	37	40	29	17	26	48	2.5
1965 to 1968 .....	1 285	174	201	276	253	107	90	97	85	3.5
1960 to 1964 .....	1 653	323	341	242	272	176	134	109	56	3.2
1950 to 1959 .....	3 018	810	612	457	332	215	203	225	164	2.7
1940 to 1949 .....	2 142	621	519	237	226	209	127	104	99	2.4
1939 or earlier .....	2 171	670	505	260	206	144	122	138	126	2.3
<b>UNITS IN STRUCTURE</b>										
1 .....	3 287	600	692	442	392	315	234	297	315	3.3
2 .....	1 820	255	429	337	266	155	123	147	108	3.2
3 and 4 .....	1 378	328	273	213	215	120	103	82	44	2.9
5 to 9 .....	1 234	352	297	160	164	85	89	56	31	2.4
10 to 19 .....	1 623	605	338	222	156	111	84	71	36	2.1
20 or more .....	1 263	565	221	135	122	83	53	40	44	1.8
Mobile home or trailer .....	61	23	—	—	14	11	7	6	—	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	7 300	1 296	1 604	1 177	1 045	704	498	556	420	3.1
2 or more .....	181	22	42	24	23	—	21	8	41	3.6
None or also used by another household .....	3 168	1 362	629	295	234	200	159	190	99	1.9
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>7 938</b>	...	<b>2 250</b>	<b>1 509</b>	<b>1 329</b>	<b>880</b>	<b>693</b>	<b>699</b>	<b>578</b>	<b>3.7</b>
Male head, wife present, no nonrelatives .....	4 722	...	1 260	875	808	522	405	432	420	3.8
Under 25 years .....	637	...	129	213	160	65	22	32	16	3.4
25 to 34 years .....	1 513	...	221	269	387	223	138	154	121	4.2
35 to 44 years .....	968	...	217	142	110	94	118	126	161	4.7
45 to 64 years .....	1 297	...	492	195	133	124	111	120	122	3.3
65 years and over .....	307	...	201	56	18	16	16	—	—	2.3
Other male head .....	670	...	299	177	69	60	21	34	10	2.7
Under 65 years .....	595	...	257	155	58	60	21	34	10	2.8
65 years and over .....	75	...	42	22	11	—	—	—	—	...
Female head .....	2 546	...	691	457	452	298	267	233	148	3.8
Under 65 years .....	2 337	...	590	422	393	292	263	233	144	3.9
65 years and over .....	209	...	101	35	59	6	4	—	4	2.6
<b>One-person households</b> .....	<b>2 728</b>	<b>2 728</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup> .....	<b>10 319</b>	<b>2 679</b>	<b>2 198</b>	<b>1 443</b>	<b>1 305</b>	<b>831</b>	<b>648</b>	<b>656</b>	<b>559</b>	<b>2.7</b>
Less than 10 percent .....	645	118	126	72	112	57	49	66	45	3.6
10 to 14 percent .....	1 139	186	288	142	163	111	77	83	89	3.2
15 to 19 percent .....	1 459	228	338	254	190	146	83	117	103	3.1
20 to 24 percent .....	1 201	287	235	141	177	130	86	45	100	3.1
25 to 34 percent .....	1 587	423	331	257	220	145	77	74	60	2.7
35 percent or more .....	3 629	1 156	744	552	394	186	221	230	146	2.4
Not computed .....	659	281	136	25	49	56	55	41	16	1.9

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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)

West Palm Beach	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)
<b>Specified owner occupied<sup>1</sup></b>	<b>10 566</b>	<b>149</b>	<b>478</b>	<b>1 037</b>	<b>1 724</b>	<b>1 678</b>	<b>2 556</b>	<b>1 305</b>	<b>914</b>	<b>483</b>	<b>242</b>	<b>15 400</b>
<b>ROOMS</b>												
1 and 2 rooms	117	6	12	24	30	18	21	6	-	-	-	-
3 rooms	392	35	46	86	64	48	71	15	5	7	7	11 400
4 rooms	1 886	35	112	314	460	431	376	92	50	16	-	11 100
5 rooms	3 693	36	218	418	791	654	970	364	170	67	5	12 600
6 rooms	2 405	12	53	127	272	379	697	421	294	107	43	14 000
7 rooms	1 201	19	32	50	83	92	296	239	200	131	59	17 100
8 rooms or more	872	6	5	18	24	56	125	168	185	157	128	20 600
Median	5.3	4.5	4.8	4.7	4.9	5.0	5.3	5.9	6.3	6.9	7.5+	26 800
<b>PERSONS</b>												
1 person	2 051	68	161	303	391	335	434	211	85	35	28	13 300
2 persons	4 171	31	180	434	683	721	1 073	514	335	149	51	15 100
3 persons	1 762	40	60	135	265	279	444	213	167	121	38	16 200
4 persons	1 170	6	42	64	182	181	298	148	129	64	56	16 700
5 persons	730	4	5	49	102	101	167	116	90	52	44	18 000
6 persons or more	682	-	30	52	101	61	140	108	108	62	25	18 800
Median	2.3	1.7	1.9	2.0	2.2	2.2	2.3	2.4	2.7	3.0	3.6	...
Units with roomers, boarders, or lodgers	275	11	26	35	71	43	44	15	15	15	-	12 300
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>10 437</b>	<b>118</b>	<b>459</b>	<b>1 012</b>	<b>1 713</b>	<b>1 661</b>	<b>2 540</b>	<b>1 295</b>	<b>914</b>	<b>483</b>	<b>242</b>	<b>15 400</b>
0.50 or less	7 006	85	314	724	1 070	1 116	1 714	880	606	332	165	15 500
0.51 to 1.00	3 048	27	116	216	542	495	749	379	302	145	77	15 800
1.01 to 1.50	286	6	24	53	66	31	63	31	6	6	-	12 300
1.51 or more	97	-	5	19	35	19	14	5	-	-	-	...
<b>Lacking some or all plumbing facilities</b>	<b>119</b>	<b>31</b>	<b>19</b>	<b>25</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>9 000</b>
0.50 or less	102	25	19	15	5	17	11	10	-	-	-	8 700
0.51 to 1.00	21	6	-	4	6	-	-	-	-	-	-	...
1.01 to 1.50	21	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	6	-	-	6	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	494	43	92	91	111	65	22	26	44	-	-	10 500
2	4 720	44	257	602	975	947	1 152	333	253	87	70	13 800
3	4 412	21	134	214	616	555	1 338	817	354	280	83	16 900
4 or more	1 060	24	40	43	40	40	197	199	281	97	99	23 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	170	-	-	-	7	11	30	28	49	23	22	26 800
1965 to 1968	409	-	11	12	20	65	70	102	74	41	14	21 300
1960 to 1964	1 067	6	9	38	190	94	248	194	162	54	72	18 800
1950 to 1959	3 828	19	65	201	546	703	1 231	557	281	173	52	16 400
1940 to 1949	1 961	18	88	239	397	413	408	150	140	93	15	13 900
1939 or earlier	3 131	106	305	547	564	392	569	274	208	99	67	12 800
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	7 277	122	430	957	1 525	1 440	1 944	620	186	46	7	13 500
2 and 2 1/2	2 684	-	7	54	129	257	554	598	668	323	94	22 900
3 or more	396	-	-	-	8	6	13	45	69	117	138	42 300
None or also used by another household	184	23	27	34	41	20	19	13	7	-	-	10 500
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>8 515</b>	<b>81</b>	<b>317</b>	<b>734</b>	<b>1 333</b>	<b>1 343</b>	<b>2 122</b>	<b>1 094</b>	<b>829</b>	<b>448</b>	<b>214</b>	<b>15 900</b>
Male head, wife present, no nonrelatives	6 883	38	222	518	1 072	1 011	1 805	926	725	383	183	16 400
Under 25 years	46	-	-	4	-	14	-	24	-	4	-	...
25 to 34 years	608	-	5	50	91	96	168	72	82	28	16	17 400
35 to 44 years	998	-	13	28	135	124	217	175	150	91	65	19 600
45 to 64 years	3 461	4	95	265	486	536	1 013	421	375	184	82	16 400
65 years and over	1 770	34	109	171	360	241	407	234	118	76	20	14 700
Other male head	345	9	30	57	45	81	46	24	21	27	5	13 500
Under 65 years	226	9	25	36	30	44	30	14	10	11	27	13 200
65 years and over	119	-	5	21	15	37	16	10	10	-	5	13 800
Female head	1 287	34	65	122	159	251	271	144	83	38	26	14 200
Under 65 years	942	34	40	37	57	72	84	125	55	15	26	14 100
65 years and over	345	-	25	37	57	72	84	19	28	23	-	14 400
<b>One-person households</b>	<b>2 051</b>	<b>68</b>	<b>161</b>	<b>303</b>	<b>391</b>	<b>335</b>	<b>434</b>	<b>211</b>	<b>85</b>	<b>35</b>	<b>28</b>	<b>13 300</b>
Under 65 years	833	27	34	111	155	165	198	92	39	5	7	13 900
65 years and over	1 218	41	127	192	236	170	234	119	46	30	21	12 700
<b>INCOME IN 1969</b>												
Less than \$2,000	1 219	34	163	211	242	157	253	80	44	30	5	12 100
\$2,000 to \$2,999	707	48	40	90	156	87	150	89	31	4	12	13 100
\$3,000 to \$3,999	695	22	51	84	138	150	135	58	28	15	14	13 400
\$4,000 to \$4,999	669	6	20	62	123	112	164	80	9	27	12	13 100
\$5,000 to \$5,999	599	15	30	82	125	125	145	58	14	16	5	14 500
\$6,000 to \$6,999	635	24	55	195	319	344	446	233	121	34	5	13 800
\$7,000 to \$9,999	1 776	-	50	135	340	392	680	300	247	90	16	16 400
\$10,000 to \$14,999	2 250	-	16	78	111	179	342	261	256	122	49	19 700
\$15,000 to \$24,999	1 414	-	5	4	8	10	72	103	136	140	124	32 300
\$25,000 or more	602	-	-	-	-	-	-	-	-	-	-	...
Median	\$8 300	\$2 800	\$3 700	\$5 600	\$6 300	\$7 800	\$8 800	\$10 200	\$13 700	\$16 700	\$26 000	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	931	-	12	46	108	151	212	130	161	65	46	18 500
1968	592	-	15	60	87	55	158	109	59	43	6	17 400
1967	565	-	26	90	106	123	79	117	57	29	13	13 700
1965 and 1966	919	12	26	82	106	141	264	117	82	61	28	16 400
1960 to 1964	1 973	29	67	150	318	289	516	247	243	65	49	16 200
1950 to 1959	3 640	53	110	301	657	680	914	449	210	183	83	15 100
1949 or earlier	1 921	51	208	316	321	284	387	182	118	40	14	13 100
<b>HEATING EQUIPMENT</b>												
Steam or hot water	65	-	4	-	6	5	18	18	9	-	-	...
Warm-air furnace	1 409	-	15	26	79	100	176	267	321	255	170	26 300
Built-in electric units	1 680	7	29	83	213	323	502	245	175	79	24	16 700
Floor, wall, or pipeless furnace	473	-	11	16	94	108	161	43	40	-	-	15 300
Other means	6 596	132	389	838	1 259	1 100	1 650	697	353	130	48	14 000
None	343	10	30	74	73	42	49	35	20	10	-	12 000
<b>AIR CONDITIONING</b>												
Room unit(s)	5 799	32	164	551	920	1 090	1 679	699	452	162	50	15 400
Central system	1 444	-	-	33	48	125	162	281	348	284	163	27 100
None	3 298	113	300	461	735	508	689	296	130	40	26	12 700

<sup>1</sup>Limited 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]

West Palm Beach	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)
<b>Specified renter occupied<sup>1</sup></b>	<b>10 283</b>	<b>595</b>	<b>575</b>	<b>752</b>	<b>952</b>	<b>2 316</b>	<b>1 784</b>	<b>1 339</b>	<b>1 027</b>	<b>476</b>	<b>103</b>	<b>364</b>	<b>98</b>
<b>ROOMS</b>													
1 room	877	211	177	125	104	126	90	11	16	6	-	11	64
2 rooms	1 412	112	93	208	178	362	182	122	98	20	5	32	85
3 rooms	3 221	145	166	255	373	798	582	309	351	97	34	111	96
4 rooms	2 835	90	107	121	188	646	555	581	274	185	22	66	108
5 rooms	1 175	27	27	32	87	284	203	198	145	96	11	65	110
6 rooms	541	10	-	11	16	82	138	75	94	45	18	52	118
7 rooms	142	-	-	-	6	18	28	39	27	12	-	12	130
8 rooms or more	80	-	5	-	-	-	6	4	22	15	13	15	...
Median	3.4	2.3	2.6	2.7	3.0	3.3	3.6	3.9	3.7	4.1	4.1	3.9	...
<b>PERSONS</b>													
1 person	3 836	391	316	436	434	850	499	305	292	125	24	164	86
2 persons	3 210	106	131	207	287	692	628	471	335	185	43	125	104
3 persons	1 261	20	39	51	131	334	234	213	134	80	11	14	104
4 persons	909	51	35	26	49	168	177	165	153	48	6	31	112
5 persons	524	5	11	5	23	122	126	117	70	22	13	10	114
6 persons or more	543	22	43	27	28	150	120	68	43	16	6	20	99
Median	1.9	1.3	1.4	1.4	1.6	1.9	2.1	2.3	2.2	2.1	2.1	1.6	...
Units with roomers, boarders, or lodgers	416	21	36	42	45	105	82	34	30	11	6	4	94
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>													
0.50 or less	4 713	242	221	350	461	1 102	714	616	437	271	58	241	98
0.51 to 1.00	3 944	157	185	276	359	797	797	546	524	173	40	90	104
1.01 to 1.50	685	19	53	22	62	180	147	122	50	21	5	4	101
1.51 or more	437	19	36	22	37	141	101	50	16	-	-	15	93
<b>Lacking some or all plumbing facilities</b>													
0.50 or less	504	158	80	82	33	96	25	5	-	-	-	14	61
0.51 to 1.00	122	6	-	44	17	26	5	5	-	5	-	14	72
1.01 to 1.50	244	132	57	22	10	23	5	-	-	-	-	-	50-
1.51 or more	16	-	-	-	-	11	5	-	-	-	-	-	...
Median	122	20	23	16	6	36	15	-	-	6	-	-	73
<b>BEDROOMS</b>													
None	1 008	262	179	198	119	68	106	23	53	-	-	-	63
1	4 751	237	274	477	611	1 216	576	623	381	178	22	156	92
2	3 513	115	113	166	210	642	783	749	375	279	-	81	112
3 or more	1 013	-	38	20	39	211	144	199	105	123	40	94	121
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	385	-	-	-	-	-	11	33	183	130	11	17	188
1965 to 1968	959	43	56	27	37	85	159	139	186	161	35	31	132
1960 to 1964	790	11	8	53	50	185	138	157	131	46	11	-	113
1950 to 1959	2 081	34	108	94	187	494	432	335	206	69	34	88	104
1940 to 1949	1 943	137	130	142	208	418	416	264	121	21	6	80	95
1939 or earlier	4 125	370	273	436	470	1 134	628	411	200	49	6	148	88
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	335	-	23	-	27	-	-	23	22	174	44	22	...
With elevator	335	-	23	-	27	-	-	23	22	174	44	22	...
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	9 950	614	581	861	952	2 137	1 609	1 571	892	406	18	309	97
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	9 181	429	453	623	872	2 250	1 737	1 175	989	298	43	312	98
2 or more	496	22	6	-	34	16	28	64	70	134	74	46	189
None or also used by another household	617	132	92	103	50	125	43	26	-	24	-	22	67
<b>INCOME IN 1969</b>													
Less than \$2,000	1 933	300	175	199	232	435	190	131	90	44	6	131	80
\$2,000 to \$2,999	1 110	127	69	91	176	220	214	115	61	10	-	27	86
\$3,000 to \$3,999	968	56	68	109	112	260	188	84	43	11	-	37	90
\$4,000 to \$4,999	1 096	33	123	95	116	337	201	80	62	26	-	23	90
\$5,000 to \$5,999	998	16	63	57	77	275	191	144	114	50	-	11	101
\$6,000 to \$6,999	778	18	25	61	52	210	173	127	54	26	-	32	101
\$7,000 to \$9,999	1 672	16	18	80	117	386	360	290	241	94	11	30	110
\$10,000 to \$14,999	1 138	11	5	48	54	156	200	242	251	97	23	51	129
\$15,000 to \$24,999	430	10	-	12	11	18	67	77	90	34	18	156	...
\$25,000 or more	160	8	-	-	5	19	-	49	21	25	29	4	148
Median	\$5 100	\$2 000	\$3 600	\$3 800	\$3 600	\$4 700	\$5 500	\$6 900	\$8 100	\$9 300	\$18 400	\$3 600	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	4 153	112	137	171	278	831	759	631	691	346	90	107	113
1968	1 486	86	20	105	167	431	229	226	103	43	12	64	95
1967	870	74	69	72	85	204	177	81	55	32	-	21	94
1965 and 1966	1 561	109	129	197	165	408	240	135	117	21	7	33	88
1960 to 1964	1 225	109	68	97	158	306	245	127	44	7	8	44	91
1950 to 1959	720	55	86	63	80	129	108	57	49	7	-	78	88
1949 or earlier	279	38	42	21	23	82	30	8	-	-	-	35	79
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	653	76	53	97	92	102	92	97	32	-	12	-	82
10 to 14 percent	1 539	70	133	138	141	407	270	178	116	69	17	-	95
15 to 19 percent	1 625	73	118	115	99	408	313	251	189	53	6	-	100
20 to 24 percent	1 284	60	41	90	138	294	234	188	163	59	17	-	102
25 to 34 percent	1 663	134	68	92	122	414	320	251	151	88	23	-	100
35 percent or more	2 972	166	151	204	318	637	540	359	366	203	28	-	100
Not computed	547	16	11	16	42	54	15	15	10	4	-	364	83
<b>AIR CONDITIONING</b>													
Room unit(s)	3 471	76	41	86	259	625	745	719	552	122	50	196	115
Central system	729	-	32	-	16	7	6	38	270	274	67	19	197
None	6 094	507	478	640	681	1 759	1 057	508	237	60	-	167	88

<sup>1</sup>Excludes 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]

West Palm Beach

	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)
<b>Owner occupied housing units</b>	11 856	1 447	813	788	728	650	726	1 987	2 459	1 567	691	8 200
<b>ROOMS</b>												
1 and 2 rooms	256	68	32	19	14	11	26	33	31	17	5	4 600
3 rooms	717	194	57	78	41	36	34	91	116	41	29	4 700
4 rooms	2 290	348	230	225	181	146	174	349	439	167	31	6 100
5 rooms	3 913	485	288	247	280	260	265	807	774	401	106	7 500
6 rooms	2 497	213	106	124	107	144	160	432	672	398	141	9 700
7 rooms or more	2 183	139	100	95	105	53	67	275	427	543	379	13 000
<b>PERSONS</b>												
1 person	2 528	938	330	339	198	148	127	237	117	58	36	3 000
2 persons	4 721	344	398	312	360	304	340	893	1 061	530	179	8 000
3 and 4 persons	3 110	127	62	106	132	160	199	604	848	607	265	11 000
5 persons	774	22	18	26	5	14	38	128	207	208	108	13 300
6 persons or more	723	16	5	5	33	24	22	125	226	164	103	12 900
Units with roomers, boarders, or lodgers	337	71	34	48	21	32	18	36	53	14	10	4 700
<b>BEDROOMS</b>												
Less than 3	6 317	908	536	625	390	352	581	846	1 113	663	303	6 600
3	4 552	513	179	119	302	333	259	836	1 104	649	258	9 000
4 or more	1 135	39	29	46	78	17	20	126	239	287	254	14 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	288	22	-	4	7	12	15	55	57	80	36	12 500
1960 to 1968	1 796	180	70	91	96	78	126	304	425	307	119	9 500
1950 to 1959	4 044	288	252	257	241	256	243	741	948	590	228	9 000
1949 or earlier	5 728	957	491	436	384	304	342	887	1 029	590	308	6 900
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 221	113	62	67	44	44	84	238	245	234	90	9 500
1968	688	70	54	34	34	33	58	115	158	83	49	8 600
1960 to 1967	3 903	420	204	240	229	222	232	724	889	527	216	8 700
1959 or earlier	6 038	820	510	465	414	322	307	995	1 185	723	297	7 500
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	8 139	562	390	329	526	454	526	1 277	2 076	1 206	793	10 000
Clothes dryer	3 252	111	39	89	124	123	107	501	773	765	620	13 400
Dishwasher	2 835	102	19	63	215	56	64	411	767	664	474	13 200
Home food freezer	2 037	99	116	39	196	80	80	286	482	337	322	11 300
Owned second home	703	65	25	-	65	21	21	54	125	116	168	12 300
With air conditioning	8 164	640	439	404	421	454	435	1 435	1 966	1 365	605	9 700
Room unit(s)	6 469	543	399	358	383	389	365	1 216	1 600	904	312	9 000
Central system	1 695	97	40	46	38	65	70	219	366	461	293	13 700
Automobiles available:												
1	5 698	758	478	538	530	412	424	1 183	923	327	125	6 300
2	3 793	104	40	98	102	159	188	669	1 240	827	366	12 200
3 or more	986	9	9	15	23	7	6	149	252	384	132	15 600
<b>Renter occupied housing units</b>	10 360	1 951	1 115	972	1 106	998	789	1 695	1 144	430	160	5 000
<b>ROOMS</b>												
1 room	877	255	131	69	112	85	88	74	45	6	12	3 800
2 rooms	1 412	354	181	154	157	144	130	185	96	11	-	4 100
3 rooms	3 243	710	365	337	341	278	205	530	302	103	72	4 600
4 rooms	2 854	430	328	279	308	270	214	539	305	134	47	5 300
5 rooms	1 200	126	87	82	123	122	72	267	220	84	17	6 800
6 rooms or more	774	76	23	51	65	99	80	100	176	92	12	6 900
<b>PERSONS</b>												
1 person	3 836	1 226	521	428	463	359	246	330	177	54	32	3 400
2 persons	3 225	406	307	254	361	322	268	642	440	156	69	5 900
3 and 4 persons	2 210	260	215	173	190	168	186	515	341	129	33	6 500
5 persons	535	20	27	54	25	101	42	110	94	49	13	7 000
6 persons or more	554	39	45	63	67	48	47	98	92	42	13	6 300
Units with roomers, boarders, or lodgers	421	169	57	41	23	49	13	41	23	5	-	2 700
<b>BEDROOMS</b>												
None	1 008	309	152	79	139	140	67	122	-	-	-	3 500
1	4 751	1 016	501	474	579	556	298	773	312	140	102	4 700
2	3 513	527	344	312	393	411	201	742	561	251	41	6 200
3 or more	1 083	130	53	22	108	144	102	183	283	58	-	6 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	390	51	28	5	28	51	10	68	86	46	17	8 000
1960 to 1968	1 778	277	148	167	160	153	138	327	245	117	46	5 900
1950 to 1959	2 099	313	224	206	256	190	134	365	279	81	51	5 300
1949 or earlier	6 093	1 310	715	594	662	604	507	935	534	186	46	4 600
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	4 165	437	422	403	374	445	463	805	520	209	87	6 000
1968	1 500	273	145	144	128	164	151	154	234	72	35	5 400
1960 to 1967	3 697	845	444	377	436	352	191	579	329	116	28	4 400
1959 or earlier	999	361	110	89	136	50	27	117	73	29	7	3 300
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	10 283	1 933	1 110	968	1 096	998	778	1 672	1 138	430	160	5 000
Less than 15 percent	2 192	-	6	28	79	113	155	666	660	329	156	10 400
15 to 19 percent	1 625	-	45	77	183	222	265	496	298	39	-	7 100
20 to 24 percent	1 284	5	74	139	252	262	175	272	72	33	-	5 700
25 to 34 percent	1 663	126	193	374	411	231	114	157	51	6	-	4 300
35 percent or more	2 972	1 488	765	313	148	159	37	51	6	5	-	2 000
Not computed	547	314	27	37	23	11	32	30	51	18	4	2000-
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	1 952	119	93	107	131	264	122	449	407	178	82	7 900
Clothes dryer	596	38	26	44	23	85	-	62	170	66	82	10 600
Dishwasher	592	62	-	18	69	86	-	-	166	148	43	11 800
Home food freezer	636	83	26	43	64	26	42	105	185	42	20	8 000
Owned second home	431	48	-	36	84	-	62	43	71	44	43	6 800
With air conditioning	4 212	531	292	274	318	501	334	774	719	340	129	6 600
Room unit(s)	3 483	463	264	247	274	411	293	685	558	214	74	6 300
Central system	729	68	28	27	44	90	41	89	161	126	55	9 200
Automobiles available:												
1	5 552	647	434	540	641	698	532	1 081	692	206	81	5 700
2	1 582	80	91	49	106	108	158	394	370	180	46	8 500
3 or more	126	15	-	-	7	-	15	27	19	28	15	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

West Palm Beach	Total	With all plumbing facilities					Locking 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
<b>Owner occupied housing units</b> -----	11 856	11 697	7 870	3 387	318	122	159	122	31	-	6
<b>PERSONS</b>											
1 person -----	2 528	2 461	2 429	32	-	-	67	67	-	-	-
2 persons -----	4 721	4 677	4 342	315	-	20	44	44	-	-	-
3 persons -----	1 879	1 859	890	958	11	-	20	-	20	-	-
4 persons -----	1 231	1 220	143	1 025	47	5	11	6	5	-	-
5 persons -----	774	757	66	605	67	19	17	5	6	-	6
6 persons or more -----	723	723	-	452	193	78	-	-	-	-	-
Median -----	2.2	2.2	1.8	3.9	6.2	6.7	1.8	1.4	...	-	...
Units with roomers, boarders, or lodgers -----	337	327	183	108	31	5	10	10	-	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 -----	308	308	156	146	-	6	-	-	-	-	-
1965 to 1968 -----	503	503	285	205	-	13	-	-	-	-	-
1960 to 1964 -----	1 235	1 235	705	420	85	25	-	-	-	-	-
1950 to 1959 -----	3 989	3 944	2 574	1 220	94	56	45	31	14	-	-
1940 to 1949 -----	2 244	2 215	1 454	719	34	8	29	20	9	-	-
1939 or earlier -----	3 571	3 486	2 717	662	83	24	85	64	14	-	7
<b>INCOME IN 1969</b>											
Less than \$2,000 -----	1 447	1 417	1 243	153	10	11	30	25	5	-	-
\$2,000 to \$2,999 -----	813	796	722	74	-	-	17	17	-	-	-
\$3,000 to \$3,999 -----	788	759	638	106	9	6	29	23	-	-	6
\$4,000 to \$4,999 -----	728	709	560	127	11	11	19	6	9	-	-
\$5,000 to \$5,999 -----	650	638	443	185	4	6	15	6	-	-	-
\$6,000 to \$6,999 -----	726	711	477	183	47	4	12	15	-	-	-
\$7,000 to \$9,999 -----	1 987	1 971	1 235	644	59	33	16	16	6	-	-
\$10,000 to \$14,999 -----	2 459	2 438	1 359	909	139	31	21	16	5	-	-
\$15,000 to \$24,999 -----	1 567	1 567	812	701	34	20	-	-	-	-	-
\$25,000 or more -----	691	691	381	305	5	-	-	-	-	-	-
Median -----	\$8 200	\$8 200	\$6 700	\$11 200	\$10 700	\$9 100	\$4 200	\$3 800	...	-	...
<b>VALUE-INCOME RATIO</b> Specified owner occupied <sup>1</sup>	10 566	10 437	7 006	3 048	286	97	129	102	21	-	6
Less than 1.5 -----	3 657	3 617	1 882	1 494	196	45	40	28	12	-	-
1.5 to 1.9 -----	1 648	1 625	967	602	31	25	23	18	5	-	6
2.0 to 2.4 -----	1 129	1 114	746	336	16	16	15	5	4	-	-
2.5 to 2.9 -----	727	722	517	194	11	-	5	5	-	-	-
3.0 to 3.9 -----	1 032	1 011	826	158	27	-	21	21	-	-	-
4.0 or more -----	2 241	2 216	1 955	245	5	11	25	25	-	-	-
Not computed -----	132	132	113	19	-	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water -----	96	96	67	23	-	6	-	-	-	-	-
Warm-air furnace -----	1 668	1 659	1 090	559	6	4	9	9	-	-	-
Built-in electric units -----	1 881	1 843	1 277	512	30	24	38	33	5	-	-
Floor, wall, or pipeless furnace -----	510	510	303	191	16	-	-	-	-	-	6
Other means -----	7 314	7 216	4 878	2 012	238	88	98	70	22	-	-
None -----	387	373	255	90	28	-	14	10	4	-	-
<b>Renter occupied housing units</b> -----	10 360	9 856	4 728	4 002	689	437	504	122	244	16	122
<b>PERSONS</b>											
1 person -----	3 836	3 546	3 105	441	-	-	290	89	201	-	-
2 persons -----	3 225	3 113	1 513	1 492	-	108	112	29	30	-	53
3 persons -----	1 297	1 270	103	1 037	107	23	27	4	7	5	11
4 persons -----	913	901	-	715	127	59	12	-	6	-	6
5 persons -----	535	529	7	256	207	59	6	-	-	-	6
6 persons or more -----	554	497	-	61	248	188	57	-	-	11	46
Median -----	1.9	1.9	1.3	2.6	5.0	5.0	1.4	1.2	1.1	...	3.2
Units with roomers, boarders, or lodgers -----	421	398	103	237	47	11	23	-	-	-	23
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 -----	404	404	211	177	16	-	-	-	-	-	-
1965 to 1968 -----	1 002	985	445	401	97	42	17	-	8	-	9
1960 to 1964 -----	835	814	319	346	95	54	21	21	-	-	-
1950 to 1959 -----	2 117	2 059	946	832	143	138	58	15	29	7	7
1940 to 1949 -----	1 863	1 754	815	698	177	64	109	14	54	-	41
1939 or earlier -----	4 140	3 897	2 074	1 476	193	154	243	57	119	6	61
<b>INCOME IN 1969</b>											
Less than \$2,000 -----	1 951	1 776	1 159	519	62	36	175	36	107	-	32
\$2,000 to \$2,999 -----	1 115	1 038	523	402	57	56	77	22	45	-	10
\$3,000 to \$3,999 -----	972	923	488	286	89	60	49	28	16	5	-
\$4,000 to \$4,999 -----	1 106	1 039	603	297	91	48	67	10	41	-	16
\$5,000 to \$5,999 -----	998	966	453	399	67	47	32	6	11	5	10
\$6,000 to \$6,999 -----	789	725	339	310	50	36	54	10	11	-	33
\$7,000 to \$9,999 -----	1 695	1 674	556	881	161	76	21	5	6	-	10
\$10,000 to \$14,999 -----	1 144	1 115	394	603	70	48	29	5	7	6	11
\$15,000 to \$24,999 -----	430	430	143	246	31	10	-	-	-	-	-
\$25,000 or more -----	160	160	70	59	11	20	-	-	-	-	-
Median -----	\$5 000	\$5 200	\$4 300	\$6 300	\$5 700	\$5 400	\$3 000	\$3 100	\$2 300	...	\$5 300
<b>GROSS RENT AS PERCENTAGE OF INCOME</b> Specified renter occupied <sup>2</sup>	10 283	9 779	4 713	3 944	685	437	504	122	244	16	122
Less than 10 percent -----	653	612	188	317	48	59	41	6	24	-	11
10 to 14 percent -----	1 539	1 462	502	767	109	84	77	11	29	6	31
15 to 19 percent -----	1 625	1 550	625	708	160	57	75	10	39	5	21
20 to 24 percent -----	1 284	1 257	594	521	86	56	27	10	11	-	6
25 to 34 percent -----	1 663	1 613	899	535	125	54	50	17	28	-	5
35 percent or more -----	2 972	2 768	1 541	967	153	107	204	49	108	5	42
Not computed -----	547	517	364	129	4	20	30	19	5	-	6
<b>HEATING EQUIPMENT</b>											
Steam or hot water -----	161	155	64	59	21	11	6	-	6	-	-
Warm-air furnace -----	638	616	329	261	22	4	22	-	16	-	6
Built-in electric units -----	1 573	1 541	823	593	84	41	32	10	17	-	5
Floor, wall, or pipeless furnace -----	221	209	78	85	21	25	12	-	-	-	12
Other means -----	5 561	5 286	2 468	2 187	381	250	275	84	145	5	41
None -----	2 206	2 049	966	817	160	106	157	28	60	11	58

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

<sup>2</sup>Excludes 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]

West Palm Beach

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	11 856	57	199	717	2 290	3 913	2 497	1 238	945	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	11 579	31	198	651	2 243	3 776	2 582	1 182	916	5.2
<b>PERSONS</b>										
1 person	2 528	32	104	321	714	766	366	125	100	4.6
2 persons	4 721	20	69	246	1 098	1 812	945	305	226	5.0
3 persons	1 879	-	11	71	243	664	509	233	148	5.4
4 persons	1 231	5	-	47	136	364	312	218	149	5.7
5 persons	774	-	10	15	67	165	193	196	128	6.2
6 persons or more	723	-	5	17	32	142	172	161	194	6.5
Median	2.2	...	1.5	1.7	1.9	2.2	2.4	3.3	3.5	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	11 697	57	194	699	2 248	3 841	2 491	1 238	929	5.3
0.50 or less	7 870	-	99	314	1 776	2 526	1 814	663	678	5.2
0.51 to 1.00	3 387	32	69	312	373	1 173	623	558	247	5.3
1.01 to 1.50	318	-	11	47	83	21	35	17	4	4.6
1.51 or more	122	25	15	26	16	21	19	-	-	4.4
<b>Lacking some or all plumbing facilities</b>	159	-	5	18	42	72	6	-	16	4.7
0.50 or less	122	-	5	7	36	52	6	-	16	4.8
0.51 to 1.00	31	-	-	5	6	20	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	6	-	-	6	-	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1	1 031	102	182	576	105	44	22	-	-	2.9
2	5 286	-	-	239	1 879	2 489	563	95	21	4.7
3	4 552	-	-	-	194	1 497	1 606	898	357	5.9
4 or more	1 135	-	-	-	-	-	114	408	613	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	288	11	5	49	46	90	37	34	16	4.9
1960 to 1968	1 796	15	59	147	387	529	376	170	113	5.0
1950 to 1959	4 044	11	35	171	809	1 569	956	317	176	5.1
1949 or earlier	5 728	20	100	350	1 048	1 725	1 128	717	640	5.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	8 146	31	186	547	1 919	3 168	1 609	457	229	4.9
2 or more	3 465	6	12	110	324	623	973	725	692	6.2
None or also used by another household	239	-	7	36	74	88	19	-	15	4.5
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	10 566	21	96	392	1 886	3 693	2 405	1 201	872	5.3
Less than 1.5	3 657	15	37	103	526	1 335	860	507	274	5.4
1.5 to 1.9	1 648	-	5	54	271	492	461	214	151	5.5
2.0 to 2.9	1 856	-	13	34	347	660	454	198	150	5.3
3.0 or more	3 273	6	41	179	716	1 161	611	267	292	5.1
Not computed	132	-	-	22	26	45	19	15	5	4.9
<b>Renter occupied housing units</b>	10 360	877	1 412	3 243	2 854	1 200	547	142	85	3.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 474	451	1 278	3 064	2 737	1 183	532	160	69	3.5
<b>PERSONS</b>										
1 person	3 836	642	871	1 502	614	128	62	11	6	2.8
2 persons	3 225	161	346	1 176	973	352	179	27	11	3.4
3 persons	1 297	34	112	312	498	234	74	14	19	3.9
4 persons	913	19	46	127	390	224	74	33	-	4.2
5 persons	535	10	15	40	207	123	76	37	27	4.5
6 persons or more	554	11	22	86	172	139	82	20	22	4.4
Median	1.9	1.2	1.3	1.6	2.3	3.0	2.9	4.1	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	9 856	601	1 346	3 168	2 785	1 186	547	142	81	3.4
0.50 or less	4 728	-	827	1 485	1 539	471	315	52	39	3.5
0.51 to 1.00	4 002	441	335	1 462	882	581	179	80	42	3.3
1.01 to 1.50	689	-	107	127	297	106	47	5	5	3.5
1.51 or more	437	160	77	94	67	28	6	5	-	3.9
<b>Lacking some or all plumbing facilities</b>	504	276	66	75	69	14	-	-	4	1.4
0.50 or less	122	-	44	17	48	9	-	-	4	3.5
0.51 to 1.00	244	201	11	26	6	-	-	-	-	1.1
1.01 to 1.50	16	-	5	-	11	-	-	-	-	...
1.51 or more	122	75	6	32	4	5	-	-	-	1.3
<b>BEDROOMS</b>										
None	1 008	928	80	-	-	-	-	-	-	1.0
1	4 751	-	1 312	2 745	652	42	-	-	-	2.9
2	3 513	-	-	518	2 170	599	182	22	22	4.1
3 or more	1 083	-	-	-	61	489	376	78	79	5.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	390	-	50	190	101	19	18	7	5	3.3
1960 to 1968	1 778	90	175	460	829	171	44	9	-	3.7
1950 to 1959	2 099	139	328	673	566	289	93	-	11	3.4
1949 or earlier	6 093	648	859	1 920	1 358	721	392	126	69	3.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	9 248	566	1 294	3 084	2 612	1 083	469	89	51	3.4
2 or more	496	14	25	36	146	108	70	71	26	4.8
None or also used by another household	617	271	105	108	89	30	7	-	7	1.9
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	10 283	877	1 412	3 221	2 835	1 175	541	142	80	3.4
Less than 10 percent	653	102	66	232	133	57	42	14	7	3.2
10 to 14 percent	1 539	178	186	426	400	250	67	22	10	3.5
15 to 19 percent	1 625	121	183	527	446	229	75	23	21	3.5
20 to 24 percent	1 284	79	203	381	353	139	86	37	6	3.4
25 to 34 percent	1 663	85	265	476	557	149	120	5	6	3.5
35 percent or more	2 972	267	427	1 037	841	262	94	29	15	3.3
Not computed	547	45	82	142	105	89	57	12	15	3.5

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

<sup>2</sup>Excludes one-family homes on 10 acres or more.

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

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

West Palm Beach	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	11 856	10 673	1 047	136	10 360	3 761	1 562	1 759	1 140	841	1 266	31
<b>ROOMS</b>												
1 room	57	21	15	21	877	152	68	114	134	210	188	11
2 rooms	199	96	82	21	1 412	361	161	305	265	133	177	10
3 rooms	717	408	271	38	3 243	944	531	617	380	283	478	10
4 rooms	2 290	1 912	344	34	2 854	903	615	570	276	168	322	—
5 rooms	3 913	3 718	178	17	1 200	784	127	112	66	42	69	—
6 rooms	2 497	2 422	70	5	547	424	39	37	14	5	28	—
7 rooms	1 238	1 201	37	—	142	117	21	—	—	—	4	—
8 rooms or more	945	895	50	—	85	76	—	4	5	—	—	—
Median	5.2	5.3	4.0	3.2	3.4	4.0	3.5	3.2	3.0	2.8	3.1	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	11 697	10 539	1 027	131	9 856	3 633	1 521	1 687	1 042	715	1 232	26
0.50 or less	7 870	7 076	720	74	4 728	1 707	711	796	548	294	652	20
0.51 to 1.00	3 877	3 066	273	48	4 002	1 535	607	703	345	300	512	—
1.01 to 1.50	318	290	28	—	689	249	145	116	97	35	47	—
1.51 or more	122	107	6	9	437	142	58	72	52	86	21	6
Lacking some or all plumbing facilities	159	134	20	5	504	128	41	72	98	126	34	5
0.50 or less	122	102	15	5	122	42	16	26	17	16	5	—
0.51 to 1.00	31	26	5	—	244	44	11	24	48	95	17	5
1.01 to 1.50	—	—	—	—	16	10	—	6	—	—	—	—
1.51 or more	6	6	—	—	122	32	14	16	33	15	12	—
<b>BEDROOMS</b>												
None	124	43	39	42	1 008	138	112	197	128	265	168	—
1	907	451	413	43	4 751	1 777	866	996	677	445	568	22
2	5 286	4 741	501	44	3 513	1 338	631	714	323	103	404	—
3	4 552	4 454	98	—	851	641	76	35	58	19	22	—
4 or more	1 135	1 081	54	—	232	193	39	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	288	175	96	17	390	54	11	10	16	31	268	—
1965 to 1968	542	414	84	44	977	162	113	179	117	44	352	10
1960 to 1964	1 254	1 076	124	54	801	206	182	107	93	76	132	5
1950 to 1959	4 044	3 861	162	21	2 099	896	314	383	222	149	125	10
1940 to 1949	2 170	1 991	179	—	1 952	819	303	321	174	202	133	—
1939 or earlier	3 558	3 156	402	—	4 141	1 624	639	759	518	339	256	6
<b>INCOME IN 1969</b>												
Less than \$2,000	1 447	1 239	170	38	1 951	693	283	385	247	168	170	5
\$2,000 to \$2,999	813	718	88	7	1 115	360	212	221	134	82	106	—
\$3,000 to \$3,999	788	706	72	10	972	289	168	192	171	96	51	5
\$4,000 to \$4,999	728	669	54	5	1 106	373	182	155	152	114	130	—
\$5,000 to \$5,999	650	599	47	4	998	390	168	99	146	77	118	—
\$6,000 to \$6,999	726	645	71	10	789	262	99	165	94	60	104	5
\$7,000 to \$9,999	1 987	1 810	146	31	1 695	614	274	344	92	147	213	11
\$10,000 to \$14,999	2 459	2 254	185	20	1 144	563	141	134	94	44	163	5
\$15,000 to \$24,999	1 567	1 418	138	11	430	164	35	40	5	30	156	—
\$25,000 or more	691	615	76	—	160	53	—	24	5	23	55	—
Median	\$8 200	\$8 300	\$7 400	\$6 400	\$5 000	\$5 400	\$4 600	\$4 500	\$4 100	\$4 700	\$6 600	—
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 221	965	243	13	4 165	1 355	583	658	400	401	748	20
1968	688	599	75	14	1 500	597	224	256	136	135	152	—
1967	628	565	49	14	870	359	83	164	149	14	94	7
1965 and 1966	1 054	919	102	33	1 588	569	264	280	182	121	172	—
1960 to 1964	2 221	1 994	183	44	1 239	512	213	211	175	61	67	—
1950 to 1959	3 759	3 484	262	13	693	335	95	68	57	85	53	—
1949 or earlier	2 279	2 127	152	—	306	165	47	15	13	37	22	7
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	—	—	—	—	10 283	3 684	1 562	1 759	1 140	841	1 266	31
Less than \$50	—	—	—	—	595	109	42	229	108	85	22	—
\$50 to \$59	—	—	—	—	575	140	103	86	110	58	60	16
\$60 to \$69	—	—	—	—	752	271	101	161	109	76	34	—
\$70 to \$79	—	—	—	—	952	336	178	182	124	84	48	—
\$80 to \$99	—	—	—	—	2 316	867	449	417	301	175	102	5
\$100 to \$119	—	—	—	—	1 784	627	302	402	196	149	108	—
\$120 to \$149	—	—	—	—	1 339	581	252	171	108	113	109	5
\$150 to \$199	—	—	—	—	1 027	343	84	77	48	65	410	—
\$200 to \$299	—	—	—	—	476	133	5	16	10	20	292	—
\$300 or more	—	—	—	—	103	30	6	7	—	—	60	—
No cash rent	—	—	—	—	364	247	40	9	26	16	21	5
Median	—	—	—	—	\$98	\$100	\$95	\$90	\$86	\$95	\$167	—
<b>HEATING EQUIPMENT</b>												
Steam or hot water	96	70	26	—	161	41	24	30	6	28	32	—
Warm-air furnace	1 668	1 427	197	44	638	88	28	28	23	53	413	5
Built-in electric units	1 881	1 701	164	16	1 573	418	180	232	166	203	369	5
Floor, wall, or pipeless furnace	510	473	23	14	221	123	43	24	17	—	14	—
Other means	7 314	6 659	593	62	5 561	2 340	920	948	660	390	282	21
None	387	343	44	—	2 206	751	367	497	268	167	156	—
<b>AIR CONDITIONING</b>												
Room unit(s)	6 469	5 855	570	44	3 483	1 373	501	576	364	279	384	6
Central system	1 695	1 457	227	11	729	78	13	20	15	41	555	7
None	3 686	3 341	269	76	6 149	2 441	995	1 056	733	534	369	21
<b>AUTOMOBILES AVAILABLE</b>												
1	5 698	4 920	712	66	5 552	2 070	824	884	461	451	828	34
2	3 793	3 567	201	25	1 582	685	209	207	132	116	233	—
3 or more	986	960	26	—	126	62	23	13	—	7	21	—
None	1 373	1 206	127	40	3 101	1 075	453	548	519	280	226	—

<sup>1</sup>Excludes 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]

West Palm Beach	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		
<b>Owner occupied housing units</b>	11 856	72	640	1 062	3 757	2 032	256	119	986	404	1 062	1 444
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	11 697	72	635	1 051	3 742	2 011	250	114	970	391	1 033	1 428
0.50 or less	7 870	18	211	263	2 130	1 660	157	97	613	292	1 013	1 416
0.51 to 1.00	3 387	48	393	640	1 467	335	66	17	300	89	20	12
1.01 to 1.50	318	6	20	111	107	16	11	—	32	10	—	—
1.51 or more	122	—	11	37	38	—	—	—	25	—	—	—
Lacking some or all plumbing facilities	159	—	5	11	15	21	6	5	16	13	29	38
0.50 or less	122	—	—	5	6	21	—	—	10	8	29	38
0.51 to 1.00	31	—	5	6	9	—	—	—	6	5	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	6	—	—	—	—	—	6	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>												
1	10 673	50	608	1 017	3 494	1 785	226	119	942	354	860	1 218
2 or more	1 047	22	28	34	211	243	30	—	40	50	184	205
Mobile home or trailer	136	—	4	11	52	4	—	—	4	—	18	43
<b>INCOME IN 1969</b>												
Less than \$2,000	1 447	—	19	17	59	147	—	—	—	—	—	—
\$2,000 to \$2,999	813	4	—	—	59	147	8	30	121	108	208	730
\$3,000 to \$3,999	788	5	—	7	59	242	20	5	75	78	148	182
\$4,000 to \$4,999	728	—	—	—	87	240	10	5	68	27	153	186
\$5,000 to \$5,999	650	—	13	10	165	191	9	10	104	28	106	92
\$6,000 to \$6,999	726	8	47	40	138	200	20	11	97	15	95	53
\$7,000 to \$9,999	1 987	29	111	228	669	362	17	6	78	23	69	58
\$10,000 to \$14,999	2 459	22	245	360	1 230	236	44	26	235	46	141	96
\$15,000 to \$24,999	1 567	—	154	249	850	130	61	11	145	32	76	41
\$25,000 or more	691	4	35	146	313	91	51	15	37	23	41	17
Median	\$8 200	—	\$12 300	\$13 100	\$12 100	\$6 000	\$10 000	\$5 900	\$6 400	\$3 600	\$4 200	\$2 000
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	10 566	46	608	998	3 461	1 770	226	119	942	345	833	1 218
Less than 1.5	3 657	13	295	495	1 845	398	93	26	255	65	109	63
1.5 to 1.9	1 648	5	180	249	630	242	48	21	114	26	99	34
2.0 to 2.4	1 129	10	61	108	338	142	16	16	126	47	86	79
2.5 to 2.9	727	18	25	81	172	234	24	6	76	10	75	106
3.0 to 3.9	1 032	—	15	40	228	292	37	10	105	48	120	137
4.0 or more	2 241	—	32	25	232	457	8	40	234	144	321	748
Not computed	132	—	—	—	16	5	—	—	32	5	23	51
<b>Renter occupied housing units</b>	10 360	732	1 133	645	1 149	712	504	93	1 334	222	2 380	1 454
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	9 856	720	1 107	610	1 110	673	498	87	1 283	222	2 192	1 354
0.50 or less	4 728	169	150	73	370	277	152	21	336	75	1 913	1 192
0.51 to 1.00	4 002	440	684	379	584	367	266	60	639	142	279	162
1.01 to 1.50	689	70	197	79	82	9	52	—	200	—	—	—
1.51 or more	437	41	76	79	74	20	28	6	108	5	—	—
Lacking some or all plumbing facilities	504	12	26	35	39	39	6	6	51	—	188	102
0.50 or less	122	—	4	—	10	19	—	—	—	—	56	33
0.51 to 1.00	244	—	—	13	10	20	—	—	—	—	132	69
1.01 to 1.50	16	—	—	6	5	—	—	—	—	—	—	—
1.51 or more	122	12	22	16	14	—	—	—	5	—	—	—
<b>UNITS IN STRUCTURE</b>												
1	3 761	287	506	301	547	265	192	17	521	97	664	364
2 to 4	3 321	239	381	199	300	175	182	32	530	73	723	487
5 to 19	1 981	132	148	87	189	127	91	32	248	27	585	315
20 or more	1 266	74	98	58	113	139	39	12	35	25	388	285
Mobile home or trailer	31	—	—	—	—	6	—	—	—	—	20	5
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	10 283	714	1 119	629	1 135	712	504	93	1 319	222	2 380	1 454
Less than \$50	595	4	—	10	35	27	10	17	77	24	194	197
\$50 to \$59	575	5	14	9	25	37	42	16	97	14	194	122
\$60 to \$69	752	29	28	32	45	60	27	17	86	9	296	140
\$70 to \$79	952	47	62	24	94	63	32	18	152	26	280	154
\$80 to \$99	2 316	184	232	131	263	147	92	16	339	62	515	335
\$100 to \$119	1 784	136	232	133	211	123	100	9	302	19	338	161
\$120 to \$149	1 339	155	255	113	195	66	100	6	131	13	213	92
\$150 to \$199	1 027	117	183	84	129	57	43	5	90	27	205	87
\$200 to \$299	476	16	55	59	80	59	35	6	32	9	85	40
\$300 or more	103	6	—	13	20	34	6	—	—	—	11	13
No cash rent	364	15	38	21	38	39	17	—	13	19	49	115
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	10 283	714	1 119	629	1 135	712	504	93	1 319	222	2 380	1 454
Less than \$5,000	5 107	223	182	93	347	318	209	5	882	145	1 381	1 257
Less than 20 percent	418	9	—	14	39	32	5	10	101	8	149	51
20 to 24 percent	470	18	14	21	44	37	22	5	41	9	171	88
25 to 34 percent	1 104	81	81	20	82	87	25	6	163	18	277	264
35 percent or more	2 714	105	77	38	171	135	152	45	548	95	689	659
Not computed	401	10	10	—	11	27	5	4	29	15	95	195
\$5,000 to \$9,999	3 448	382	517	266	454	254	199	18	365	58	790	145
Less than 20 percent	1 917	202	340	129	233	146	102	6	165	34	483	77
20 to 24 percent	509	83	65	70	119	31	44	6	97	5	150	45
25 to 34 percent	502	71	68	50	73	32	18	6	67	10	95	12
35 percent or more	247	21	20	17	18	33	35	6	30	—	56	11
Not computed	73	5	24	—	11	12	—	—	6	—	6	—
\$10,000 to \$14,999	1 138	93	298	175	220	58	60	—	49	8	137	40
Less than 20 percent	958	78	267	149	177	37	37	—	49	8	127	29
20 to 24 percent	72	4	21	10	16	5	11	—	—	—	5	—
25 percent or more	57	11	5	4	10	11	—	—	—	—	5	—
Not computed	51	—	—	—	—	—	—	—	—	—	—	—
\$15,000 or more	590	16	122	95	114	82	36	—	—	—	—	—
Less than 20 percent	524	16	118	75	105	60	31	—	23	11	72	14
20 to 24 percent	33	—	—	11	—	22	—	—	23	11	66	14
25 percent or more	11	—	—	—	5	—	—	—	—	—	6	—
Not computed	22	—	4	9	4	—	—	—	—	—	—	—

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

<sup>2</sup>Excludes 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]

West Palm Beach	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b> .....	<b>11 856</b>	<b>2 528</b>	<b>4 721</b>	<b>1 879</b>	<b>1 231</b>	<b>774</b>	<b>366</b>	<b>250</b>	<b>107</b>	<b>2.2</b>
<b>BEDROOMS</b>										
None and 1 .....	1 031	527	359	40	45	40	-	20	-	1.5
2 .....	5 286	1 563	2 574	844	147	101	39	18	-	1.9
3 .....	4 552	488	1 468	1 049	612	529	185	167	54	2.8
4 or more .....	1 135	95	115	163	194	255	134	125	54	4.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	288	74	68	70	56	5	10	5	-	2.5
1965 to 1968 .....	542	89	202	97	49	63	16	11	15	2.4
1960 to 1964 .....	1 254	185	469	213	185	105	36	51	10	2.4
1950 to 1959 .....	4 044	711	1 626	672	469	318	137	83	28	2.3
1940 to 1949 .....	2 170	476	838	411	220	122	59	33	11	2.2
1939 or earlier .....	3 558	993	1 518	416	252	161	108	67	43	2.0
<b>UNITS IN STRUCTURE</b>										
1 .....	10 673	2 078	4 202	1 781	1 178	738	350	239	107	2.3
2 or more .....	1 047	389	458	84	53	36	16	11	-	1.8
Mobile home or trailer .....	136	61	61	14	-	-	-	-	-	1.6
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	8 146	1 925	3 622	1 201	721	362	158	115	42	2.1
2 and 2 1/2 .....	3 016	396	988	572	489	312	144	77	38	2.7
3 or more .....	449	51	108	50	56	60	66	33	25	3.8
None or also used by another household .....	239	86	87	30	6	30	-	-	-	1.9
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>9 328</b>	...	<b>4 721</b>	<b>1 879</b>	<b>1 231</b>	<b>774</b>	<b>366</b>	<b>250</b>	<b>107</b>	<b>2.5</b>
Male head, wife present, no nonrelatives .....	7 563	...	3 731	1 450	1 085	674	327	209	87	2.5
Under 25 years .....	72	...	15	28	19	10	-	-	-	...
25 to 34 years .....	640	...	123	148	255	77	19	4	14	3.7
35 to 44 years .....	1 062	...	135	119	303	229	139	88	49	4.4
45 to 64 years .....	3 757	...	1 772	901	461	331	156	117	19	2.6
65 years and over .....	2 032	...	1 686	254	47	27	13	-	5	2.1
Other male head .....	375	...	256	44	13	29	12	16	5	2.2
Under 65 years .....	321	...	159	22	13	29	12	16	5	2.3
65 years and over .....	256	...	97	22	-	-	-	-	-	2.1
Female head .....	1 119	...	734	385	133	71	27	25	15	2.4
Under 65 years .....	1 390	...	451	313	114	62	12	19	15	2.6
65 years and over .....	986	...	283	72	19	9	15	6	-	2.2
<b>One-person households</b> .....	<b>2 528</b>	<b>2 528</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>10 566</b>	<b>2 051</b>	<b>4 171</b>	<b>1 762</b>	<b>1 170</b>	<b>730</b>	<b>346</b>	<b>233</b>	<b>103</b>	<b>2.3</b>
Less than 1.5 .....	3 657	172	1 363	780	624	354	181	131	52	2.9
1.5 to 1.9 .....	1 648	133	732	254	196	164	86	52	31	2.4
2.0 to 2.4 .....	1 129	165	479	198	132	88	33	19	15	2.3
2.5 to 2.9 .....	727	181	250	139	85	50	18	4	-	2.2
3.0 to 3.9 .....	1 032	257	520	149	67	16	17	6	-	2.0
4.0 or more .....	2 241	1 069	788	223	66	58	11	21	5	1.6
Not computed .....	132	74	39	19	-	-	-	-	-	1.4
<b>Renter occupied housing units</b> .....	<b>10 360</b>	<b>3 836</b>	<b>3 225</b>	<b>1 297</b>	<b>913</b>	<b>535</b>	<b>273</b>	<b>183</b>	<b>98</b>	<b>1.9</b>
<b>BEDROOMS</b>										
None .....	1 008	760	193	17	17	-	-	21	-	1.2
1 .....	4 751	2 377	1 845	307	147	57	-	18	-	1.5
2 .....	3 513	384	1 224	760	641	284	170	34	16	2.7
3 or more .....	1 083	43	341	189	143	182	113	38	34	3.3
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	390	142	182	31	6	17	6	-	6	1.8
1965 to 1968 .....	977	294	269	166	138	45	37	22	6	2.2
1960 to 1964 .....	801	235	232	144	67	47	27	32	17	2.2
1950 to 1959 .....	2 099	679	711	305	193	95	61	33	22	2.0
1940 to 1949 .....	1 952	726	634	168	171	135	63	38	17	1.9
1939 or earlier .....	4 141	1 760	1 197	483	338	196	79	58	30	1.8
<b>UNITS IN STRUCTURE</b>										
1 .....	3 761	1 028	1 183	540	467	298	87	100	58	2.2
2 .....	1 542	552	469	253	111	87	37	24	29	2.0
3 and 4 .....	1 759	658	520	259	181	53	56	32	-	1.9
5 to 9 .....	1 140	543	302	97	89	37	56	16	-	1.6
10 to 19 .....	841	357	327	67	25	29	20	11	5	1.7
20 or more .....	1 266	673	418	81	40	31	17	-	6	1.4
Mobile home or trailer .....	31	25	6	-	-	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	9 248	3 472	2 882	1 145	833	469	198	168	81	1.9
2 or more .....	496	106	122	116	49	60	34	7	8	2.7
None or also used by another household .....	617	333	130	55	8	21	29	27	14	1.4
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>6 524</b>	...	<b>3 225</b>	<b>1 297</b>	<b>913</b>	<b>535</b>	<b>273</b>	<b>183</b>	<b>98</b>	<b>2.5</b>
Male head, wife present, no nonrelatives .....	4 371	...	2 128	872	608	419	178	99	67	2.6
Under 25 years .....	732	...	387	198	88	38	5	16	-	2.4
25 to 34 years .....	1 133	...	285	287	270	160	66	42	23	3.5
35 to 44 years .....	645	...	188	100	114	124	65	22	32	3.8
45 to 64 years .....	1 149	...	658	220	112	97	31	19	12	2.4
65 years and over .....	712	...	610	67	24	-	11	-	-	2.1
Other male head .....	597	...	366	133	51	20	11	16	-	2.3
Under 65 years .....	504	...	318	94	45	20	11	16	-	2.3
65 years and over .....	93	...	48	39	6	-	-	-	-	...
Female head .....	1 556	...	731	292	254	96	84	68	31	2.7
Under 65 years .....	1 334	...	578	254	229	90	84	68	31	2.9
65 years and over .....	222	...	153	38	25	6	-	-	-	2.2
<b>One-person households</b> .....	<b>3 836</b>	<b>3 836</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>10 283</b>	<b>3 836</b>	<b>3 210</b>	<b>1 261</b>	<b>909</b>	<b>524</b>	<b>262</b>	<b>183</b>	<b>98</b>	<b>1.9</b>
Less than 10 percent .....	653	162	259	82	48	47	21	29	5	2.1
10 to 14 percent .....	1 539	387	570	196	164	93	53	42	34	2.2
15 to 19 percent .....	1 625	447	539	247	214	108	43	16	11	2.2
20 to 24 percent .....	1 284	459	381	174	106	95	45	15	9	2.0
25 to 34 percent .....	1 663	670	478	187	155	91	30	24	28	1.8
35 percent or more .....	2 972	1 415	812	361	186	80	60	52	6	1.6
Not computed .....	547	296	171	14	36	10	10	5	5	1.4

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

<sup>2</sup>Excludes 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]

West Palm Beach					West Palm Beach				
	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	111	56	38	17	Vacant for rent	1 073	581	410	82
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	8	3	3	2	1 room	113	82	28	3
4 rooms	22	11	7	4	2 rooms	209	131	61	17
5 rooms	39	24	11	4	3 rooms	302	177	97	28
6 rooms	26	9	13	4	4 rooms	344	153	179	12
7 rooms or more	16	9	4	3	5 rooms	92	32	38	22
					6 rooms	13	6	7	--
					7 rooms or more	--	--	--	--
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities	107	52	38	17	With all plumbing facilities	1 012	540	390	82
Lacking some or all plumbing facilities	4	4	--	--	Lacking some or all plumbing facilities	61	41	20	--
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1	--	--	--	--	None	199	183	16	--
2	22	--	22	--	1	596	348	216	32
3	50	20	10	20	2	268	101	133	34
4 or more	11	11	--	--	3 or more	83	34	32	17
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970	23	19	4	--	1969 to March 1970	181	50	128	3
1960 to 1968	8	4	4	--	1960 to 1968	72	47	17	8
1950 to 1959	28	14	6	8	1950 to 1959	154	89	38	27
1949 or earlier	52	19	24	9	1949 or earlier	666	395	227	44
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1	79	33	29	17	1	240	124	76	40
2 or more	32	23	9	--	2 to 4	244	165	62	17
					5 to 9	162	103	50	9
					10 to 19	142	61	72	9
					20 or more	285	128	150	7
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water	--	--	--	--	Specified vacant for rent <sup>2</sup>	1 073	581	410	82
Warm-air furnace	15	11	4	--	Less than \$50	56	34	14	8
Built-in electric units	27	16	11	--	\$50 to \$59	63	39	4	20
Floor, wall, or pipeless furnace	7	--	3	--	\$60 to \$79	260	124	117	19
Other means	49	23	16	10	\$80 to \$99	149	91	52	6
None	13	6	4	3	\$100 to \$119	159	101	45	13
					\$120 to \$149	127	89	30	8
					\$150 to \$199	211	76	131	4
					\$200 or more	48	27	17	4
					Median rent asked	\$101	\$100	\$108	...
<b>SALES PRICE ASKED</b>									
Specified vacant for sale <sup>1</sup>	79	33	29	17					
Less than \$5,000	6	6	--	--					
\$5,000 to \$9,999	17	10	4	3					
\$10,000 to \$14,999	25	--	21	4					
\$15,000 to \$19,999	18	14	--	4					
\$20,000 to \$24,999	--	--	--	--					
\$25,000 to \$34,999	13	3	4	6					
\$35,000 to \$49,999	--	--	--	--					
\$50,000 or more	--	--	--	--					
Median price asked	...	...	...	...					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

West Palm Beach	Sales price asked—Vacant for sale <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	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	79	23	25	18	--	13	--	1 073	119	260	149	286	211	48
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities	63	10	32	11	--	10	--	1 063	65	134	201	364	232	67
Lacking some or all plumbing facilities	--	--	--	--	--	--	--	83	49	17	17	--	--	--
<b>BEDROOMS</b>														
None and 1	--	--	--	--	--	--	--	795	114	118	133	231	166	33
2	22	--	22	--	--	--	--	268	--	33	51	100	50	34
3	30	10	10	--	--	10	--	83	--	--	34	33	16	--
4 or more	11	--	--	11	--	--	--	--	--	--	--	--	--	--
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970	7	--	--	--	--	7	--	181	3	4	7	13	134	20
1960 to 1968	4	4	--	--	--	--	--	72	--	12	3	25	22	10
1950 to 1959	28	3	6	15	--	4	--	154	17	48	--	81	4	4
1949 or earlier	40	16	19	3	--	2	--	666	99	196	139	167	51	14
<b>UNITS IN STRUCTURE</b>														
1	...	...	...	...	...	...	...	240	32	57	40	82	13	16
2 to 4	...	...	...	...	...	...	...	244	16	78	39	88	23	--
5 to 19	...	...	...	...	...	...	...	304	68	107	34	77	9	9
20 or more	...	...	...	...	...	...	...	285	3	18	36	39	166	23
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included	...	...	...	...	...	...	...	297	68	94	51	49	29	6
Some or no utilities included	...	...	...	...	...	...	...	776	51	166	98	237	182	42

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

## Appendix A.—AREA CLASSIFICATIONS

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### USUAL PLACE OF RESIDENCE

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

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

### COUNTIES

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

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

### PLACES

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

### STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

## Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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### GENERAL

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

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

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

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

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

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

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

### LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

#### OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

#### STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

## HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<p><b>A.</b> 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><b>H9.</b> 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 style="text-align: center;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1"> <thead> <tr> <th>a4. Block number</th> <th>a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>1 0 0 0</td><td>1 0 0 0</td></tr> <tr><td>2 0 0 0</td><td>2 0 0 0</td></tr> <tr><td>3 0 0 0</td><td>3 0 0 0</td></tr> <tr><td>4 0 0 0</td><td>4 0 0 0</td></tr> <tr><td>5 0 0 0</td><td>5 0 0 0</td></tr> <tr><td>6 0 0 0</td><td>6 0 0 0</td></tr> <tr><td>7 0 0 0</td><td>7 0 0 0</td></tr> <tr><td>8 0 0 0</td><td>8 0 0 0</td></tr> <tr><td>9 0 0 0</td><td>9 0 0 0</td></tr> </tbody> </table>	a4. Block number	a5. Serial number	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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<p>Answer these questions for your living quarters</p>	<p><b>H10a.</b> 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>b.</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>H11.</b> 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;">Phone number</p>	<p><b>H11.</b> If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p style="font-size: small;">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.</p>	<p><b>B.</b> Type of unit or quarters</p> <p><b>Occupied</b></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><b>Vacant</b></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p><b>Group quarters</b></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</p>																						
<p><b>H2.</b> 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><b>H12.</b> Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here — \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p>	<p><b>C.</b> Vacancy status</p> <p><b>Year round—</b></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><b>H3.</b> Do you have complete kitchen facilities?</p> <p>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><b>b.</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;">(Nearest dollar) (Week, half-month, year, etc.)</p>	<p><b>D.</b> 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><b>H4.</b> How many rooms do you have in your living quarters?</p> <p>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</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>H8.</b> 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><b>C/O</b> <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><b>H13.</b> Answer question H13 if you pay rent for your living quarters.</p> <p>In addition to the rent entered in H12, do you also pay for—</p> <p><b>a. Electricity?</b></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>b. Gas?</b></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><b>c. Water?</b></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><b>d. Oil, coal, kerosene, wood, etc.?</b></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><b>H19.</b> 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><b>H14.</b> How are your living quarters heated?</p> <p>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><b>H20.</b> 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><b>H15.</b> 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><b>H21.</b> How many bathrooms do you have?</p> <p>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</p> <p>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><b>H16.</b> Which best describes this building?</p> <p>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><b>H22.</b> 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><b>H17.</b> 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><b>H23.</b> How many passenger automobiles are owned or regularly used by members of your household?</p> <p>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><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

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

<p><b>H13.</b> 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><b>a. Electricity?</b></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>b. Gas?</b></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><b>c. Water?</b> <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> <p><b>d. Oil, coal, kerosene, wood, etc.?</b></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><b>H24a.</b> 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>b.</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><b>H14.</b> How are your living quarters heated?</p> <p>Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/></p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters 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><b>H25a.</b> Which fuel is used most for cooking?</p> <p><input checked="" type="checkbox"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p> <p><b>b. Which fuel is used most for house heating?</b></p> <p><input checked="" type="checkbox"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p>
<p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970</p> <p><input type="radio"/> 1965 to 1968 <input checked="" type="checkbox"/></p> <p><input type="radio"/> 1960 to 1964</p> <p><input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1939 or earlier</p>	<p><b>c. Which fuel is used most for water heating?</b></p> <p><input checked="" type="checkbox"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p>
<p><b>H16.</b> Which best describes this building?</p> <p>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><b>H26.</b> How many bedrooms do you have?</p> <p>Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom</p> <p><input type="radio"/> 1 bedroom</p> <p><input type="radio"/> 2 bedrooms</p> <p><input checked="" type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 5 bedrooms or more</p>
<p><b>H17.</b> 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><b>H27a.</b> 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>b. Do you have a clothes dryer?</b></p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No</p> <p><b>c. Do you have a dishwasher (built-in or portable)?</b></p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p><b>d. Do you have a home food freezer which is separate from your refrigerator?</b></p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="checkbox"/></p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	<p><b>H28a.</b> 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>b.</b> If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input type="radio"/> No <input checked="" type="checkbox"/></p> <p><b>H29.</b> Do you have a battery-operated radio?</p> <p>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><b>H30.</b> 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>

15 and 5 percent

5 percent

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

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

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

## Appendix C.—ACCURACY OF THE DATA

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

### SOURCES OF ERROR

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

### EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

### SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<b>OCCUPANCY CHARACTERISTICS</b>		<b>EQUIPMENT AND APPLIANCES</b>	
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
<b>VACANCY CHARACTERISTICS</b>		<b>FINANCIAL CHARACTERISTICS</b>	
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
<b>UTILIZATION CHARACTERISTICS</b>		<b>HOUSEHOLD CHARACTERISTICS</b>	
Number of rooms . . . . .	20	Household composition . . . . .	20
Size of household (persons) . . . . .	20	Income . . . . .	20
Persons per room . . . . .	20		
Bedrooms . . . . .	5		
<b>PLUMBING CHARACTERISTICS</b>			
Plumbing facilities . . . . .	20		
Complete bathrooms . . . . .	15		
<b>STRUCTURAL CHARACTERISTICS</b>			
Complete kitchen			
facilities . . . . .	20		
Access . . . . .	20		
Units in structure . . . . .	20		
Mobile home or trailer . . . . .	20		
Year structure built . . . . .	20		
Elevator in structure . . . . .	5		

**RATIO ESTIMATION**

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

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

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

Group

**Occupied housing units:**

**STAGE I**

*Male Head With Own Children Under 18*

- 1 1-person household
- 2 2-person household
- 3 3-person household
- .
- .
- 6 6-or-more-person household

*Male Head Without Own Children Under 18*

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

*Female Head*

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

**STAGE II**

*Owner Occupied*

- 19 Negro
- 20 Not Negro

*Renter Occupied*

- 21 Negro
- 22 Not Negro

**Vacant housing units:**

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

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

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

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

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

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

**SAMPLING VARIABILITY**

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

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

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

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

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

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

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

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

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

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

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

APPENDIX C—Continued

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

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

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

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

Estimated number <sup>1</sup>	Number of housing units in area <sup>2</sup>						
	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

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

<sup>2</sup> 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 <sup>1</sup>	Factor if sample rate is—			Characteristic <sup>1</sup>	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>				<b>EQUIPMENT, FUELS, AND APPLIANCES</b>			
Year moved into unit .....	...	1.1	...	Heating equipment .....	0.8	0.9	...
Duration of vacancy .....	0.8	...	1.7	Air conditioning .....	...	1.1	...
<b>UTILIZATION CHARACTERISTICS</b>				Automobiles available .....	...	1.0	...
Rooms .....	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons) .....	0.5	0.6	1.2	<b>FINANCIAL CHARACTERISTICS</b>			
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	...
<b>PLUMBING CHARACTERISTICS</b>				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
<b>STRUCTURAL CHARACTERISTICS</b>				Rent asked .....	1.1	...	2.5
Units in structure .....	0.8	0.9	1.7	<b>HOUSEHOLD CHARACTERISTICS</b>			
Year structure built .....	0.9	1.0	...	Household composition .....	0.6	0.7	...
				Income in 1969 .....	1.0	1.2	2.3
				<b>ALL OTHERS</b> .....	1.0	1.2	2.2

<sup>1</sup>Tabulations 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.

A UNITED STATES  
DEPARTMENT OF  
**COMMERCE**  
PUBLICATION



# Metropolitan Housing Characteristics

WHEELING, W. VA.-OHIO  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-236

A stylized graphic illustration of a city skyline and residential housing. The skyline on the left consists of various rectangular buildings of different heights. Below and to the right, there are numerous simplified house shapes with gabled roofs, some with chimneys, arranged in a cluster. The background is a dark, textured surface with vertical lines.

1970  
CENSUS OF  
HOUSING

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

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**1970  
CENSUS OF  
HOUSING**

Metropolitan  
Housing  
Characteristics

**WHEELING, W. VA.-OHIO  
STANDARD METROPOLITAN  
STATISTICAL AREA**

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8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

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# LIST OF HC(2) REPORTS

Report number	Area	Report number	Area	Report number	Area
1	United States and Regions	43	Chattanooga, Tenn.-Ga. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
2	Abilene, Tex. SMSA	44	Chicago, Ill. SMSA	86	Greenville, S.C. SMSA
3	Akron, Ohio SMSA	45	Cincinnati, Ohio-Ky.-Ind. SMSA	87	Hamilton-Middletown, Ohio SMSA
4	Albany, Ga. SMSA	46	Cleveland, Ohio SMSA	88	Harrisburg, Pa. SMSA
5	Albany-Schenectady-Troy, N.Y. SMSA	47	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
7	Allentown-Bethlehem-Easton, Pa.-N.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8	Altoona, Pa. SMSA	50	Columbus, Ga.-Ala. SMSA	92	Huntington-Ashland, W. Va.-Ky.-Ohio SMSA
9	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	93	Huntsville, Ala. SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
12	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-Ill. SMSA	97	Jacksonville, Fla. SMSA
14	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jersey City, N.J. SMSA
15	Atlanta, Ga. SMSA	57	Decatur, Ill. SMSA	99	Johnstown, Pa. SMSA
16	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	100	Kalamazoo, Mich. SMSA
17	Augusta, Ga.-S.C. SMSA	59	Des Moines, Iowa SMSA	101	Kansas City, Mo.-Kans. SMSA
18	Austin, Tex. SMSA	60	Detroit, Mich. SMSA	102	Kenosha, Wis. SMSA
19	Bakersfield, Calif. SMSA	61	Dubuque, Iowa SMSA	103	Knoxville, Tenn. SMSA
20	Baltimore, Md. SMSA	62	Duluth-Superior, Minn.-Wis. SMSA	104	La Crosse, Wis. SMSA
21	Baton Rouge, La. SMSA	63	Durham, N.C. SMSA	105	Lafayette, La. SMSA
22	Bay City, Mich. SMSA	64	El Paso, Tex. SMSA	106	Lafayette-West Lafayette, Ind. SMSA
23	Beaumont-Port Arthur-Orange, Tex. SMSA	65	Erie, Pa. SMSA	107	Lake Charles, La. SMSA
24	Billings, Mont. SMSA	66	Eugene, Oreg. SMSA	108	Lancaster, Pa. SMSA
25	Biloxi-Gulfport, Miss. SMSA	67	Evansville, Ind.-Ky. SMSA	109	Lansing, Mich. SMSA
26	Binghamton, N.Y.-Pa. SMSA	68	Fall River, Mass.-R.I. SMSA	110	Laredo, Tex. SMSA
27	Birmingham, Ala. SMSA	69	Fargo-Moorhead, N. Dak.-Minn. SMSA	111	Las Vegas, Nev. SMSA
28	Bloomington-Normal, Ill. SMSA	70	Fayetteville, N.C. SMSA	112	Lawrence-Haverhill, Mass.-N.H. SMSA
29	Boise City, Idaho SMSA	71	Fitchburg-Leominster, Mass. SMSA	113	Lawton, Okla. SMSA
30	Boston, Mass. SMSA	72	Flint, Mich. SMSA	114	Lewiston-Auburn, Maine SMSA
31	Bridgeport, Conn. SMSA	73	Fort Lauderdale-Hollywood, Fla. SMSA	115	Lexington, Ky. SMSA
32	Bristol, Conn. SMSA	74	Fort Smith, Ark.-Okla. SMSA	116	Lima, Ohio SMSA
33	Brockton, Mass. SMSA	75	Fort Wayne, Ind. SMSA	117	Lincoln, Nebr. SMSA
34	Brownsville-Harlingen-San Benito, Tex. SMSA	76	Fort Worth, Tex. SMSA	118	Little Rock-North Little Rock, Ark. SMSA
35	Bryan-College Station, Tex. SMSA	77	Fresno, Calif. SMSA	119	Lorain-Elyria, Ohio SMSA
36	Buffalo, N.Y. SMSA	78	Gadsden, Ala. SMSA	120	Los Angeles-Long Beach, Calif. SMSA
37	Canton, Ohio SMSA	79	Gainesville, Fla. SMSA	121	Louisville, Ky.-Ind. SMSA
38	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	122	Lowell, Mass. SMSA
39	Champaign-Urbana, Ill. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA	123	Lubbock, Tex. SMSA
40	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA	124	Lynchburg, Va. SMSA
41	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA	125	Macon, Ga. SMSA
42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	126	Madison, Wis. SMSA

Report number	Area	Report number	Area	Report number	Area
127	Manchester, N.H. SMSA	169	Pittsfield, Mass. SMSA	211	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA
128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Stamford, Conn. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, Oreg.-Wash. SMSA	213	Steubenville-Weirton, Ohio-W. Va. SMSA
130	Memphis, Tenn.-Ark. SMSA	172	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA	214	Stockton, Calif. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
132	Miami, Fla. SMSA	174	Pueblo, Colo. SMSA	216	Tacoma, Wash. SMSA
133	Midland, Tex. SMSA	175	Racine, Wis. SMSA	217	Tallahassee, Fla. SMSA
134	Milwaukee, Wis. SMSA	176	Raleigh, N.C. SMSA	218	Tampa-St. Petersburg, Fla. SMSA
135	Minneapolis-St. Paul, Minn. SMSA	177	Reading, Pa. SMSA	219	Terre Haute, Ind. SMSA
136	Mobile, Ala. SMSA	178	Reno, Nev. SMSA	220	Texarkana, Tex.-Ark. SMSA
137	Modesto, Calif. SMSA	179	Richmond, Va. SMSA	221	Toledo, Ohio-Mich. SMSA
138	Monroe, La. SMSA	180	Roanoke, Va. SMSA	222	Topeka, Kans. SMSA
139	Montgomery, Ala. SMSA	181	Rochester, Minn. SMSA	223	Trenton, N.J. SMSA
140	Muncie, Ind. SMSA	182	Rochester, N.Y. SMSA	224	Tucson, Ariz. SMSA
141	Muskegon-Muskegon Heights, Mich. SMSA	183	Rockford, Ill. SMSA	225	Tulsa, Okla. SMSA
142	Nashua, N.H. SMSA	184	Sacramento, Calif. SMSA	226	Tuscaloosa, Ala. SMSA
143	Nashville-Davidson, Tenn. SMSA	185	Saginaw, Mich. SMSA	227	Tyler, Tex. SMSA
144	New Bedford, Mass. SMSA	186	St. Joseph, Mo. SMSA	228	Utica-Rome, N.Y. SMSA
145	New Britain, Conn. SMSA	187	St. Louis, Mo.-Ill. SMSA	229	Vallejo-Napa, Calif. SMSA
146	New Haven, Conn. SMSA	188	Salem, Oreg. SMSA	230	Vineland-Millville-Bridgeton, N.J. SMSA
147	New London-Groton-Norwich, Conn. SMSA	189	Salinas-Monterey, Calif. SMSA	231	Waco, Tex. SMSA
148	New Orleans, La. SMSA	190	Salt Lake City, Utah SMSA	232	Washington, D.C.-Md.-Va. SMSA
149	New York, N.Y. SMSA	191	San Angelo, Tex. SMSA	233	Waterbury, Conn. SMSA
150	Newark, N.J. SMSA	192	San Antonio, Tex. SMSA	234	Waterloo, Iowa SMSA
151	Newport News-Hampton, Va. SMSA	193	San Bernardino-Riverside-Ontario, Calif. SMSA	235	West Palm Beach, Fla. SMSA
152	Norfolk-Portsmouth, Va. SMSA	194	San Diego, Calif. SMSA	236	Wheeling, W. Va.-Ohio SMSA
153	Norwalk, Conn. SMSA	195	San Francisco-Oakland, Calif. SMSA	237	Wichita, Kans. SMSA
154	Odessa, Tex. SMSA	196	San Jose, Calif. SMSA	238	Wichita Falls, Tex. SMSA
155	Ogden, Utah SMSA	197	Santa Barbara, Calif. SMSA	239	Wilkes-Barre-Hazleton, Pa. SMSA
156	Oklahoma City, Okla. SMSA	198	Santa Rosa, Calif. SMSA	240	Wilmington, Del.-N.J.-Md. SMSA
157	Omaha, Nebr.-Iowa SMSA	199	Savannah, Ga. SMSA	241	Wilmington, N.C. SMSA
158	Orlando, Fla. SMSA	200	Scranton, Pa. SMSA	242	Worcester, Mass. SMSA
159	Owensboro, Ky. SMSA	201	Seattle-Everett, Wash. SMSA	243	York, Pa. SMSA
160	Oxnard-Ventura, Calif. SMSA	202	Sherman-Denison, Tex. SMSA	244	Youngstown-Warren, Ohio SMSA
161	Paterson-Clifton-Passaic, N.J. SMSA	203	Shreveport, La. SMSA	245	Caguas, Puerto Rico SMSA
162	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, Puerto Rico SMSA
163	Peoria, Ill. SMSA	205	Sioux Falls, S. Dak. SMSA	247	Ponce, Puerto Rico SMSA
164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, Puerto Rico SMSA
165	Philadelphia, Pa.-N.J. SMSA	207	Spokane, Wash. SMSA		
166	Phoenix, Ariz. SMSA	208	Springfield, Ill. SMSA		
167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		

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

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

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>										
Year moved into unit .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy .....	—	—	—	9 <sup>1</sup>	9	9	—	—	—	9
<b>UTILIZATION CHARACTERISTICS</b>										
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†	—	—
<b>PLUMBING CHARACTERISTICS</b>										
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†	—	—
<b>STRUCTURAL CHARACTERISTICS</b>										
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*	—	—	—	—	—	—	—	—
<b>EQUIPMENT AND APPLIANCES</b>										
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*	—	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>										
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 <sup>1</sup>	—	—	—	—	9	—
Rent asked .....	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
Inclusion of utilities in rent .....	—	—	—	—	—	—	—	—	—	10
<b>HOUSEHOLD CHARACTERISTICS</b>										
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†	—	—

<sup>1</sup> 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

**Wheeling, W. Va.-Ohio**  
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 236.]

**MAP**

Counties, Standard Metropolitan  
Statistical Areas, and Selected Places

page

X

**INDEX OF TABLES**

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

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

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

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
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TABLE

15	Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
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17	Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
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19	Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970
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



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)
<b>Specified owner occupied<sup>1</sup></b>	32 863	3 204	4 671	4 572	4 771	3 439	5 669	3 160	2 268	834	275	12 100
<b>ROOMS</b>												
1 and 2 rooms	80	35	22	15	-	-	-	8	-	-	-	-
3 rooms	674	355	149	91	25	25	29	-	-	-	-	5000-
4 rooms	4 478	960	1 038	749	708	380	428	136	59	15	5	8 300
5 rooms	10 358	989	1 524	1 359	1 569	1 184	2 224	963	489	50	5	12 100
6 rooms	10 319	583	1 333	1 509	1 528	1 239	1 831	1 233	802	233	28	12 900
7 rooms	4 080	148	395	585	619	390	700	493	452	234	64	14 400
8 rooms or more	2 874	134	210	264	322	219	457	327	466	302	173	18 000
Median	5.6	4.8	5.2	5.5	5.6	5.6	5.6	5.9	6.2	7.0	7.5+	...
<b>PERSONS</b>												
1 person	4 366	841	781	802	584	376	482	253	169	63	15	9 200
2 persons	10 505	1 056	1 530	1 509	1 567	1 205	1 642	981	646	290	79	11 800
3 persons	5 941	475	784	724	946	721	1 126	558	408	147	52	12 600
4 persons	5 293	270	656	634	742	507	1 049	692	509	169	65	14 200
5 persons	3 348	168	393	459	459	283	755	402	321	80	28	14 200
6 persons or more	3 410	394	527	444	473	347	615	274	215	85	36	11 800
Median	2.8	2.2	2.5	2.5	2.7	2.7	3.1	3.1	3.3	2.9	3.3	...
Units with roomers, boarders, or lodgers	393	62	47	69	74	38	58	31	14	-	-	10 600
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	31 358	2 312	4 359	4 396	4 701	3 420	5 654	3 154	2 263	829	270	12 500
0.50 or less	17 368	1 317	2 311	2 606	2 657	1 982	2 773	1 707	1 254	579	182	12 300
0.51 to 1.00	12 284	738	1 500	1 567	1 741	1 268	2 610	1 345	953	244	88	13 200
1.01 to 1.50	1 522	214	267	208	289	158	228	96	56	6	-	10 600
1.51 or more	184	43	51	15	14	12	43	6	-	-	-	7 400
<b>Lacking some or all plumbing facilities</b>	1 505	892	312	176	70	19	15	6	5	5	5	5000-
0.50 or less	956	551	211	109	40	19	10	6	5	5	5	5000-
0.51 to 1.00	361	219	56	51	25	-	5	-	-	-	-	5000-
1.01 to 1.50	127	76	34	12	5	-	-	-	-	-	-	5000-
1.51 or more	61	46	11	4	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	1 304	411	339	293	99	21	80	22	-	21	18	6 800
2	10 608	1 564	2 226	1 686	1 976	1 038	1 277	452	289	60	40	9 700
3	16 179	766	1 948	2 319	2 107	1 559	3 729	1 989	1 306	415	41	14 600
4 or more	4 533	201	205	682	585	303	800	513	655	391	198	16 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	483	18	14	19	6	5	86	146	133	34	22	23 200
1965 to 1968	1 347	47	21	38	60	68	277	282	377	156	21	22 900
1960 to 1964	2 246	25	46	91	135	191	594	514	466	150	34	20 400
1950 to 1959	5 541	199	194	272	583	723	1 607	1 003	667	224	69	17 500
1940 to 1949	2 788	199	300	388	418	324	643	303	123	64	26	13 200
1939 or earlier	20 458	2 716	4 096	3 764	3 569	2 128	2 462	912	502	206	103	9 800
<b>COMPLETE BATHROOMS</b>												
1 and 1/2	26 452	2 150	4 084	3 952	4 264	3 286	4 810	2 435	1 188	250	33	11 800
2 and 2 1/2	4 109	59	182	258	389	312	674	708	448	136	21	21 300
3 or more	380	-	-	-	12	-	49	21	109	104	85	34 900
None or also used by another household	2 019	1 087	447	241	134	38	26	13	12	12	7	5000-
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	28 497	2 363	3 890	3 770	4 187	3 063	5 187	2 907	2 099	771	260	12 500
Male head, wife present, no nonrelatives	24 789	1 884	3 300	3 190	3 582	2 666	4 681	2 628	1 956	672	230	12 900
Under 25 years	366	73	69	69	31	29	53	24	18	-	-	9 000
25 to 34 years	3 029	198	349	384	419	309	663	352	274	55	26	13 800
35 to 44 years	5 487	299	621	589	700	603	1 203	623	613	178	58	14 700
45 to 64 years	11 873	794	1 588	1 546	1 735	1 369	2 239	1 252	870	365	115	13 000
65 years and over	4 034	520	673	602	697	356	523	377	181	74	31	10 800
Other male head	1 112	177	178	145	178	130	66	66	51	60	16	10 800
Under 65 years	732	124	126	85	120	83	76	44	37	26	11	10 600
65 years and over	380	53	52	60	58	47	35	22	14	34	5	11 100
Female head	2 596	302	412	435	427	267	395	213	92	39	14	10 900
Under 65 years	1 610	154	267	266	286	167	288	112	55	15	-	11 000
65 years and over	986	148	145	169	141	100	107	101	37	24	14	10 500
<b>One-person households</b>	4 366	841	781	802	584	376	482	253	169	63	15	9 200
Under 65 years	1 678	300	277	351	216	154	205	94	56	20	5	9 400
65 years and over	2 688	541	504	451	368	222	277	159	113	43	10	9 200
<b>INCOME IN 1969</b>												
Less than \$2,000	3 435	848	651	620	477	243	342	145	84	10	15	8 400
\$2,000 to \$2,999	1 581	316	372	267	277	100	112	88	38	5	6	8 500
\$3,000 to \$3,999	1 621	270	356	250	260	138	178	113	53	23	-	9 500
\$4,000 to \$4,999	1 563	264	288	255	254	194	193	79	26	10	-	9 800
\$5,000 to \$5,999	1 720	250	271	249	222	222	248	136	87	15	-	10 800
\$6,000 to \$6,999	2 009	268	348	383	333	184	270	127	62	24	10	10 000
\$7,000 to \$9,999	8 116	603	1 340	1 192	1 339	914	1 587	609	376	133	23	11 700
\$10,000 to \$14,999	8 617	320	845	1 008	1 214	1 142	1 954	1 079	827	179	29	14 500
\$15,000 to \$24,999	3 327	65	164	283	359	281	663	675	547	223	67	18 800
\$25,000 or more	874	-	36	45	36	21	122	169	168	212	125	29 000
Median	\$8 700	\$4 600	\$7 200	\$7 600	\$8 300	\$9 100	\$9 800	\$11 300	\$12 500	\$15 800	\$23 100	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 078	170	164	225	227	183	443	297	249	67	53	15 800
1968	1 620	151	228	138	227	156	269	147	244	60	-	13 600
1967	1 413	174	172	202	141	102	297	119	132	53	21	12 900
1965 and 1966	2 732	213	266	325	376	345	525	309	259	108	6	13 800
1960 to 1964	5 549	428	699	621	634	703	1 118	640	477	186	43	13 900
1950 to 1959	10 120	1 015	1 263	1 201	1 557	1 199	1 825	1 133	627	209	91	12 600
1949 or earlier	9 448	1 145	1 921	1 739	1 637	948	1 082	532	266	131	47	9 900
<b>HEATING EQUIPMENT</b>												
Steam or hot water	1 752	41	142	160	226	153	288	273	263	123	83	17 000
Warm-air furnace	23 906	1 381	2 918	3 239	3 853	2 953	4 779	2 413	1 581	607	182	13 000
Built-in electric units	1 477	38	36	88	58	118	362	356	334	77	10	20 500
Floor, wall, or pipeless furnace	1 207	253	267	290	195	57	75	37	22	11	-	8 200
Other means	4 516	1 491	1 303	795	439	158	165	81	68	16	-	6 500
None	5	-	5	-	-	-	-	-	-	-	-	...
<b>AIR CONDITIONING</b>												
Room unit(s)	4 790	113	438	431	798	713	1 041	605	415	163	73	14 700
Central system	1 247	21	22	7	58	76	150	254	335	225	99	26 100
None	26 923	3 162	4 253	4 013	3 943	2 847	4 368	2 318	1 504	426	89	11 300

<sup>1</sup>Limited 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)
<b>Specified renter occupied<sup>1</sup></b>	17 025	2 690	1 964	2 049	2 186	3 052	1 812	1 009	320	153	—	1 590	75
<b>ROOMS</b>													
1 room	587	349	102	37	26	22	16	16	6	—	—	13	50—
2 rooms	988	400	167	131	65	55	27	55	7	—	—	80	53
3 rooms	3 348	904	574	513	501	399	187	28	3	—	—	184	62
4 rooms	5 117	654	477	779	766	995	500	55	116	15	—	409	75
5 rooms	3 624	230	326	328	542	902	523	270	141	64	—	298	85
6 rooms	2 386	123	93	212	202	535	444	298	159	37	—	283	96
7 rooms	525	9	15	32	38	73	80	78	30	14	—	156	104
8 rooms or more	450	21	10	17	46	71	34	33	31	20	—	167	96
Median	4.2	3.2	3.7	3.9	4.2	4.6	4.8	5.1	5.2	5.4	—	4.9	...
<b>PERSONS</b>													
1 person	4 851	1 513	824	599	474	424	272	148	80	15	—	502	58
2 persons	4 773	620	635	687	672	830	476	206	154	55	—	436	73
3 persons	2 832	186	236	305	444	690	353	277	104	20	—	217	83
4 persons	2 260	141	110	255	341	610	345	130	107	27	—	194	86
5 persons	1 055	104	67	107	124	202	120	67	24	11	—	124	87
6 persons or more	1 254	126	92	96	131	296	192	128	51	25	—	117	88
Median	2.3	1.4	1.7	2.1	2.4	2.9	2.9	3.0	2.8	2.8	—	2.2	...
Units with roomers, boarders, or lodgers	314	44	53	72	22	38	20	16	10	16	—	23	67
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>													
0.50 or less	15 381	1 982	1 699	1 884	2 116	2 997	1 769	988	514	145	—	1 287	77
0.51 to 1.00	7 603	1 107	1 032	995	941	1 179	778	423	265	90	—	793	73
1.01 to 1.50	6 617	786	577	743	991	1 553	827	477	221	45	—	377	80
1.51 or more	901	58	74	111	147	208	116	72	28	10	—	97	82
Median	260	31	16	35	37	57	48	16	—	—	—	20	80
<b>Lacking some or all plumbing facilities</b>													
0.50 or less	1 644	708	265	165	70	55	43	21	6	8	—	303	50—
0.51 to 1.00	815	341	130	61	15	25	33	—	—	—	—	210	50—
1.01 to 1.50	597	271	92	89	50	19	5	11	—	4	—	56	50
1.51 or more	135	50	20	10	—	11	5	—	—	4	—	31	51
Median	97	46	23	5	5	—	—	6	6	—	—	6	...
<b>BEDROOMS</b>													
None	548	344	105	20	—	35	—	25	—	—	—	19	50—
1	5 577	1 364	977	910	688	637	507	162	56	—	—	276	63
2	6 262	790	570	810	733	1 404	872	321	196	61	—	505	80
3 or more	4 457	269	136	410	384	945	645	559	338	82	—	689	95
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	403	197	61	18	34	11	—	5	20	48	—	9	50
1965 to 1968	633	202	64	17	53	25	61	50	77	39	—	45	72
1960 to 1964	573	182	32	10	6	54	63	89	49	16	—	72	89
1950 to 1959	1 047	96	74	85	95	177	171	100	80	9	—	160	91
1940 to 1939	1 470	250	91	147	201	265	206	138	37	4	—	131	79
1939 or earlier	12 899	1 763	1 642	1 772	1 797	2 520	1 311	627	257	37	—	1 173	74
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	806	389	98	40	79	60	44	38	38	—	—	20	50
With elevator	536	314	39	—	38	41	26	38	20	—	—	20	50—
Walk-up	270	75	59	40	41	19	18	—	18	—	—	—	...
1 to 3 floors	16 038	2 378	1 690	2 110	1 726	2 961	1 980	1 029	552	143	—	1 469	76
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	14 396	1 854	1 653	1 764	2 160	2 868	1 602	903	425	82	—	1 085	76
2 or more	555	22	—	10	12	62	70	71	59	75	—	174	126
None or also used by another household	2 108	800	337	228	111	147	88	25	7	5	—	360	52
<b>INCOME IN 1969</b>													
Less than \$2,000	3 989	1 470	567	442	388	376	158	96	47	8	—	437	55
\$2,000 to \$2,999	1 478	370	231	227	197	180	103	21	4	5	—	140	63
\$3,000 to \$3,999	1 303	221	219	229	231	155	94	32	24	—	—	98	67
\$4,000 to \$4,999	1 258	184	179	153	199	267	113	31	5	—	—	127	72
\$5,000 to \$5,999	1 314	113	200	213	221	241	121	76	31	6	—	92	74
\$6,000 to \$6,999	1 313	81	131	134	235	352	139	50	27	5	—	159	80
\$7,000 to \$9,999	3 451	175	264	407	468	879	518	269	137	24	—	310	86
\$10,000 to \$14,999	2 296	64	141	198	222	506	456	337	172	21	—	179	97
\$15,000 to \$24,999	531	12	32	46	20	90	105	79	50	69	—	28	110
\$25,000 or more	92	—	—	—	5	6	5	18	23	15	—	20	...
Median	\$5 400	\$2 000—	\$3 800	\$4 800	\$5 400	\$6 900	\$8 000	\$9 200	\$9 700	\$16 100	—	\$4 900	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	5 709	733	465	592	769	1 259	788	475	263	95	—	270	82
1968	2 178	332	256	234	219	493	318	177	64	22	—	63	81
1967	1 481	272	148	176	249	238	118	125	31	6	—	118	73
1965 and 1966	2 173	340	283	275	292	378	193	112	52	26	—	222	73
1960 to 1964	2 433	513	330	354	333	349	188	84	38	6	—	238	67
1950 to 1959	1 831	288	315	229	263	260	100	20	36	7	—	313	67
1949 or earlier	1 254	198	193	142	158	100	55	6	7	—	—	395	63
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	2 204	423	422	429	306	334	172	75	28	15	—	...	66
10 to 14 percent	3 658	330	401	485	582	994	515	249	62	40	—	...	81
15 to 19 percent	2 612	274	259	241	346	642	429	249	140	32	—	...	86
20 to 24 percent	1 521	241	154	176	185	326	173	160	97	9	—	...	80
25 to 34 percent	1 654	469	181	179	243	193	183	106	76	24	—	...	70
35 percent or more	3 422	827	484	498	485	513	324	158	100	33	—	...	68
Not computed	1 954	126	63	41	39	50	16	12	17	—	—	1 590	59
<b>AIR CONDITIONING</b>													
Room unit(s)	2 002	114	206	200	282	389	264	207	121	28	—	191	84
Central system	206	21	20	—	11	5	18	27	29	54	—	21	139
None	14 851	2 541	1 764	1 802	1 990	2 683	1 478	765	341	80	—	1 407	73

<sup>1</sup>Excludes 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)
<b>Owner occupied housing units</b>	<b>41 439</b>	<b>4 823</b>	<b>2 164</b>	<b>2 167</b>	<b>2 124</b>	<b>2 229</b>	<b>2 703</b>	<b>9 968</b>	<b>10 219</b>	<b>3 969</b>	<b>1 073</b>	<b>8 400</b>
<b>ROOMS</b>												
1 and 2 rooms	200	103	36	22	6	-	18	10	-	5	-	2000-
3 rooms	1 343	481	169	128	81	108	71	184	96	20	5	3 200
4 rooms	6 548	1 063	504	468	463	414	604	1 701	1 022	272	37	6 600
5 rooms	12 671	1 284	526	580	665	728	853	3 597	3 330	976	132	8 400
6 rooms	12 081	1 164	576	642	591	581	732	2 714	3 532	1 285	261	8 900
7 rooms or more	8 596	728	353	327	318	398	425	1 762	2 236	1 411	638	10 000
<b>PERSONS</b>												
1 person	6 070	2 973	889	582	415	221	293	455	151	81	10	2 100
2 persons	13 512	1 302	993	1 189	1 134	966	1 048	3 177	2 500	905	298	7 100
3 and 4 persons	13 788	434	216	318	411	673	888	4 084	4 593	1 734	437	9 900
5 persons	4 047	79	40	50	65	194	225	1 177	1 474	577	166	10 700
6 persons or more	4 022	35	26	28	99	175	249	1 075	1 501	672	162	11 100
Units with roomers, boarders, or lodgers	529	169	54	33	24	42	33	66	71	37	-	4 400
<b>BEDROOMS</b>												
Less than 3	16 628	2 547	1 414	1 270	1 084	998	1 287	3 846	3 209	835	138	6 800
3	18 922	1 425	595	612	841	737	985	4 955	6 355	1 990	427	9 600
4 or more	5 889	397	298	324	209	171	186	1 183	1 418	1 156	547	10 600
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	848	60	10	21	22	51	40	271	281	68	24	9 400
1960 to 1968	4 956	226	116	131	103	237	259	1 303	1 633	767	181	10 300
1950 to 1959	6 198	468	192	273	240	293	301	1 569	1 859	782	221	9 500
1949 or earlier	29 437	4 069	1 846	1 742	1 759	1 648	2 103	6 825	6 446	2 352	647	7 700
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 879	201	95	109	110	164	143	935	754	299	69	9 000
1968	2 196	138	63	99	110	160	108	529	662	277	50	9 400
1960 to 1967	11 840	878	321	361	456	635	875	3 503	3 187	1 250	374	9 100
1959 or earlier	24 524	3 740	1 652	1 618	1 446	1 358	1 701	4 980	5 337	2 135	557	7 500
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	22 763	1 165	646	1 017	972	770	1 167	5 684	7 461	3 039	842	10 000
Clothes dryer	27 455	1 434	805	1 150	1 192	965	1 507	7 124	8 857	3 506	915	9 800
Dishwasher	4 950	125	107	64	68	104	150	845	1 830	1 098	559	12 800
Home food freezer	13 436	919	564	443	753	561	618	3 353	3 752	1 708	583	9 400
Owned second home	1 188	102	25	-	-	21	42	295	371	270	62	11 500
With air conditioning	7 273	256	208	215	314	314	407	1 474	2 362	1 206	517	10 900
Room unit(s)	5 858	218	183	196	271	286	349	1 239	1 952	877	287	10 500
Central system	1 415	38	25	19	43	28	58	235	410	329	230	13 200
Automobiles available:												
1	21 662	1 950	1 085	1 237	1 417	1 671	1 821	6 292	4 631	1 307	251	7 800
2	11 525	195	116	180	253	359	585	2 804	4 433	2 029	571	11 400
3 or more	1 957	56	7	22	18	21	72	296	685	571	209	13 600
<b>Renter occupied housing units</b>	<b>18 003</b>	<b>4 121</b>	<b>1 571</b>	<b>1 391</b>	<b>1 334</b>	<b>1 400</b>	<b>1 372</b>	<b>3 734</b>	<b>2 416</b>	<b>567</b>	<b>97</b>	<b>5 400</b>
<b>ROOMS</b>												
1 room	587	330	70	38	28	17	13	32	48	11	-	2000-
2 rooms	993	355	180	149	59	52	62	85	37	10	4	2 800
3 rooms	3 419	1 312	347	309	286	225	241	416	247	31	5	3 200
4 rooms	5 271	1 092	410	433	464	457	485	1 206	617	92	15	5 500
5 rooms	3 833	565	305	243	290	351	276	971	660	150	22	6 600
6 rooms or more	3 900	467	259	219	207	298	295	1 024	807	273	51	7 600
<b>PERSONS</b>												
1 person	4 925	2 573	597	506	343	211	217	261	152	46	19	2000-
2 persons	4 997	836	531	425	442	493	371	1 022	662	189	26	5 500
3 and 4 persons	5 439	495	285	328	383	508	520	1 630	1 076	191	23	7 400
5 persons	1 204	112	69	66	61	85	156	371	215	58	11	7 400
6 persons or more	1 438	105	89	66	105	103	108	450	311	83	18	8 000
Units with roomers, boarders, or lodgers	330	132	68	24	4	32	5	49	8	8	-	2 500
<b>BEDROOMS</b>												
None	548	347	59	45	-	-	-	60	18	19	-	2000-
1	5 724	1 979	596	628	416	450	295	769	535	56	-	3 500
2	6 689	1 347	410	403	541	528	476	1 721	1 082	157	24	6 200
3 or more	5 042	664	272	221	277	392	331	1 330	1 178	314	63	7 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	419	152	67	42	10	28	-	52	25	38	5	2 900
1960 to 1968	1 263	374	155	88	74	36	83	177	175	72	29	4 200
1950 to 1959	1 104	183	99	84	71	119	90	197	234	27	-	6 000
1949 or earlier	15 217	3 412	1 250	1 177	1 179	1 217	1 199	3 308	1 982	430	63	5 500
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	5 944	1 241	558	471	487	548	537	1 158	730	180	34	5 400
1968	2 282	414	204	157	159	172	202	612	292	70	-	6 200
1960 to 1967	6 395	1 461	591	496	417	401	500	1 331	924	240	34	5 600
1959 or earlier	3 382	962	312	303	278	298	206	567	335	92	29	4 400
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	17 025	3 989	1 478	1 303	1 258	1 314	1 313	3 451	2 296	531	92	5 400
Less than 15 percent	5 862	-	52	78	233	446	534	2 142	1 831	474	72	9 200
15 to 19 percent	2 612	34	91	292	336	444	429	708	29	-	-	6 300
20 to 24 percent	1 521	85	226	303	364	164	139	212	28	-	-	4 400
25 to 34 percent	1 654	418	428	385	172	131	41	70	9	-	-	3 000
35 percent or more	3 422	2 651	541	147	26	37	11	9	-	-	-	2000-
Not computed	1 954	801	140	98	127	92	159	310	179	28	20	3 400
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	6 643	771	354	283	405	449	486	1 963	1 512	376	44	7 900
Clothes dryer	7 145	852	344	292	307	496	595	2 245	1 538	413	63	7 900
Dishwasher	754	61	33	-	-	20	59	219	185	152	25	9 800
Home food freezer	2 324	389	96	60	96	122	120	686	602	153	-	8 200
Owned second home	424	101	-	-	49	40	37	59	77	61	-	6 600
With air conditioning	2 226	246	120	140	158	159	114	544	507	196	42	8 000
Room unit(s)	2 014	203	120	126	150	145	99	527	468	141	35	7 900
Central system	212	43	-	14	8	14	15	17	39	55	7	9 100
Automobiles available:												
1	9 018	1 006	616	623	762	977	1 000	2 451	1 250	284	49	6 500
2	2 422	71	67	127	119	129	164	757	728	232	28	9 100
3 or more	300	47	-	12	7	6	12	60	83	59	14	10 400

<sup>1</sup>Excludes 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	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
<b>Owner occupied housing units</b>	41 439	39 066	22 005	14 995	1 832	234	2 373	1 496	599	193	85
<b>PERSONS</b>											
1 person	6 070	5 304	5 264	40	--	--	766	733	33	--	--
2 persons	13 512	12 744	12 330	414	--	--	768	653	110	--	5
3 persons	7 449	7 183	3 650	3 528	5	--	266	95	167	4	--
4 persons	6 339	6 160	600	5 513	47	--	179	15	142	22	--
5 persons	4 047	3 924	161	3 510	217	36	123	--	74	49	--
6 persons or more	4 022	3 751	--	1 990	1 563	198	271	--	73	118	80
Median	2.7	2.7	2.0	4.1	6.4	7.5+	2.0	1.5	3.4	6.1	...
Units with roomers, boarders, or lodgers	529	504	274	207	19	4	25	5	14	--	6
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	796	750	295	407	48	--	46	14	14	6	12
1965 to 1968	2 224	2 197	859	1 220	103	15	27	14	5	8	--
1960 to 1964	2 700	2 675	996	1 475	195	9	25	13	12	--	--
1950 to 1959	6 222	6 082	2 790	2 859	382	51	140	73	37	18	12
1940 to 1949	3 173	3 044	1 824	1 090	115	15	129	61	32	36	--
1939 or earlier	26 324	24 335	15 190	7 975	1 044	126	1 989	1 290	532	117	50
<b>INCOME IN 1969</b>											
Less than \$2,000	4 823	3 992	3 578	386	28	--	831	722	87	17	5
\$2,000 to \$2,999	2 164	1 920	1 674	227	15	4	244	218	20	6	--
\$3,000 to \$3,999	2 167	1 980	1 677	280	10	13	187	132	51	4	--
\$4,000 to \$4,999	2 124	1 966	1 590	353	23	--	158	83	35	26	14
\$5,000 to \$5,999	2 229	2 058	1 253	717	59	29	171	85	73	21	12
\$6,000 to \$6,999	2 703	2 539	1 453	943	130	13	164	59	85	20	--
\$7,000 to \$7,999	9 968	9 605	4 467	4 466	618	54	363	125	143	52	43
\$8,000 to \$8,999	10 219	10 049	4 035	5 233	705	76	170	77	51	36	8
\$9,000 to \$9,999	3 969	3 903	1 723	1 912	239	29	66	5	45	11	5
\$10,000 to \$10,999	1 073	1 054	555	478	5	16	19	9	9	--	--
\$11,000 to \$11,999	8 400	8 600	\$6 800	\$10 100	\$10 200	\$10 300	\$3 600	\$2 100	\$6 400	\$7 100	...
Median	\$8 400	\$8 600	\$6 800	\$10 100	\$10 200	\$10 300	\$3 600	\$2 100	\$6 400	\$7 100	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	32 863	31 358	17 368	12 284	1 522	184	1 505	956	361	127	61
Less than 1.5	15 437	14 714	6 250	7 167	1 150	147	723	293	271	103	56
1.5 to 1.9	5 202	5 020	2 563	2 215	217	25	182	152	25	5	--
2.0 to 2.4	3 351	3 212	1 847	1 264	89	12	139	106	23	5	5
2.5 to 2.9	2 040	1 987	1 335	624	28	--	53	47	--	6	--
3.0 to 3.9	2 220	2 111	1 601	489	21	--	109	103	6	--	--
4.0 or more	4 264	4 017	3 520	480	17	--	247	211	28	8	--
Not computed	349	297	252	45	--	--	52	44	8	--	--
<b>HEATING EQUIPMENT</b>											
Steam or hot water	2 280	2 246	1 420	716	96	14	34	23	11	--	--
Warm-air furnace	29 174	28 242	15 602	11 182	1 310	148	932	601	224	77	30
Built-in electric units	1 778	1 743	748	866	104	25	35	31	--	4	--
Floor, wall, or pipeless furnace	1 512	1 416	886	472	42	16	96	46	40	5	5
Other means	6 678	5 409	3 344	1 754	280	31	1 269	788	324	107	50
None	17	10	5	5	--	--	7	7	--	--	--
<b>Renter occupied housing units</b>	18 003	16 001	7 879	6 925	937	260	2 002	922	776	184	120
<b>PERSONS</b>											
1 person	4 925	4 082	3 760	322	--	--	843	643	200	--	--
2 persons	4 997	4 603	3 314	1 269	--	20	394	218	164	--	12
3 persons	2 994	2 788	659	2 117	4	8	206	50	136	9	11
4 persons	2 445	2 275	124	2 038	113	--	170	6	133	16	15
5 persons	1 204	1 072	22	774	224	52	132	5	74	37	16
6 persons or more	1 438	1 181	--	405	596	180	257	--	69	122	66
Median	2.3	2.4	1.6	3.4	6.0	6.7	1.9	1.2	2.7	6.0	6.2
Units with roomers, boarders, or lodgers	330	288	138	125	12	13	42	13	22	4	3
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	438	429	192	231	6	--	9	--	9	--	--
1965 to 1968	667	651	315	293	43	--	16	16	--	--	--
1960 to 1964	581	544	249	242	41	--	37	10	12	15	--
1950 to 1959	1 217	1 140	562	509	41	12	77	29	32	10	6
1940 to 1949	1 508	1 429	638	659	107	25	79	21	46	6	6
1939 or earlier	13 592	11 807	6 002	4 922	712	171	1 785	868	699	119	99
<b>INCOME IN 1969</b>											
Less than \$2,000	4 121	3 314	2 300	870	127	17	807	508	278	11	10
\$2,000 to \$2,999	1 571	1 282	761	452	39	30	289	142	133	10	4
\$3,000 to \$3,999	1 391	1 245	775	395	63	12	146	54	76	5	11
\$4,000 to \$4,999	1 334	1 180	627	474	51	28	154	38	52	59	5
\$5,000 to \$5,999	1 400	1 280	581	616	62	21	120	62	41	5	12
\$6,000 to \$6,999	1 372	1 289	527	635	108	19	83	24	33	16	10
\$7,000 to \$7,999	3 734	3 441	1 188	1 929	253	71	293	64	114	64	51
\$8,000 to \$8,999	2 416	2 329	816	1 257	198	58	87	24	41	10	12
\$9,000 to \$9,999	567	549	247	267	31	4	18	6	8	4	--
\$10,000 to \$10,999	97	92	57	30	5	--	5	--	--	--	--
\$11,000 to \$11,999	\$5 400	\$5 800	\$4 200	\$7 000	\$7 200	\$7 100	\$2 700	\$2 000--	\$2 800	\$6 100	\$7 500
Median	\$5 400	\$5 800	\$4 200	\$7 000	\$7 200	\$7 100	\$2 700	\$2 000--	\$2 800	\$6 100	\$7 500
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	17 025	15 381	7 463	6 617	901	260	1 644	815	597	135	97
Less than 10 percent	2 204	1 964	676	1 100	124	75	240	70	99	34	37
10 to 14 percent	3 658	3 479	1 329	1 810	265	64	179	51	55	46	27
15 to 19 percent	2 612	2 433	1 064	1 180	152	37	179	112	52	4	11
20 to 24 percent	1 521	1 394	648	628	88	30	127	72	44	5	6
25 to 34 percent	1 654	1 463	831	561	128	13	191	101	85	5	--
35 percent or more	3 422	3 056	2 071	836	128	21	366	178	168	10	10
Not computed	1 954	1 592	984	502	86	20	362	231	94	31	6
<b>HEATING EQUIPMENT</b>											
Steam or hot water	1 904	1 799	940	783	35	41	105	35	65	--	5
Warm-air furnace	7 378	6 989	3 357	3 158	417	57	389	139	170	43	37
Built-in electric units	539	524	286	208	22	8	15	10	5	--	--
Floor, wall, or pipeless furnace	880	818	332	419	43	24	62	23	29	5	5
Other means	7 276	5 861	2 964	2 347	420	130	1 415	705	501	136	73
None	26	10	--	10	--	--	16	10	6	--	--

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

<sup>2</sup>Excludes 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
<b>Owner occupied housing units</b> .....	41 439	78	122	1 343	6 548	12 671	12 081	4 843	3 733	5.5
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	38 299	28	73	942	5 650	12 094	11 342	4 657	3 513	5.5
<b>PERSONS</b>										
1 person .....	6 070	73	89	616	1 317	1 626	1 414	579	356	5.1
2 persons .....	13 512	5	24	500	2 903	4 215	3 702	1 221	942	5.3
3 persons .....	7 449	—	9	104	1 108	2 483	2 201	877	667	5.5
4 persons .....	6 339	—	—	69	764	1 986	1 971	934	615	5.7
5 persons .....	4 047	—	—	36	266	1 326	1 377	611	431	5.8
6 persons or more .....	4 022	—	—	18	190	1 035	1 416	641	722	6.0
Median .....	2.7	...	1.2	1.6	2.2	2.7	2.9	3.2	3.4	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b> .....	39 066	40	76	1 037	5 879	12 128	11 630	4 694	3 582	5.5
0.50 or less .....	22 005	—	57	461	3 777	5 513	6 991	2 574	2 632	5.7
0.51 to 1.00 .....	14 995	40	14	487	1 744	5 659	4 105	2 035	911	5.4
1.01 to 1.50 .....	1 832	—	5	47	324	835	501	81	39	5.1
1.51 or more .....	234	—	—	42	34	121	33	4	—	4.8
<b>Lacking some or all plumbing facilities</b> .....	2 373	38	46	306	669	543	451	169	151	4.7
0.50 or less .....	1 496	—	32	155	443	328	326	103	109	4.9
0.51 to 1.00 .....	599	33	10	117	128	136	101	37	37	4.6
1.01 to 1.50 .....	193	—	4	22	63	67	19	18	—	4.6
1.51 or more .....	85	5	—	12	35	12	5	11	5	...
<b>BEDROOMS</b>										
None and 1 .....	2 435	78	133	1 184	780	120	119	21	—	3.4
2 .....	14 193	—	—	349	5 894	6 109	1 447	297	97	4.6
3 .....	18 922	—	—	—	160	5 889	9 659	2 424	790	5.9
4 or more .....	5 889	—	—	—	—	102	1 035	1 879	2 873	7.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	848	16	—	16	198	308	198	50	62	5.1
1960 to 1968 .....	4 956	6	9	117	870	1 868	1 168	529	389	5.3
1950 to 1959 .....	6 198	16	15	134	1 156	2 684	1 490	481	222	5.2
1949 or earlier .....	29 437	40	98	1 076	4 324	7 811	9 225	3 803	3 060	5.6
<b>COMPLETE BATHROOMS</b>										
1 and 1/2 .....	32 919	28	73	873	5 406	11 224	9 803	3 525	1 987	5.4
2 or more .....	5 422	—	—	76	244	870	1 567	1 139	1 526	6.5
None or also used by another household .....	3 098	41	51	339	815	719	647	287	199	4.9
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	32 863	39	41	674	4 478	10 358	10 319	4 080	2 874	5.6
Less than 1.5 .....	15 437	6	15	316	2 292	4 893	4 765	1 791	1 359	5.5
1.5 to 1.9 .....	5 202	6	—	74	487	1 773	1 652	720	492	5.7
2.0 to 2.9 .....	5 391	5	5	58	639	1 743	1 760	704	477	5.6
3.0 or more .....	6 484	14	16	200	953	1 849	2 066	845	541	5.6
Not computed .....	349	8	5	26	107	100	78	20	5	4.8
<b>Renter occupied housing units</b> .....	18 003	587	993	3 419	5 271	3 833	2 707	612	581	4.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	15 241	261	668	2 802	4 616	3 453	2 489	489	463	4.3
<b>PERSONS</b>										
1 person .....	4 925	522	686	1 621	1 289	451	275	18	63	3.3
2 persons .....	4 997	32	278	1 155	1 719	1 034	547	143	89	4.1
3 persons .....	2 994	19	13	400	1 048	805	521	80	108	4.5
4 persons .....	2 445	4	11	129	731	838	508	94	130	4.9
5 persons .....	1 204	—	5	63	261	347	359	109	60	5.3
6 persons or more .....	1 438	10	—	51	223	358	497	168	131	5.7
Median .....	2.3	1.1	1.2	1.6	2.3	3.0	3.5	4.2	3.7	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b> .....	16 001	355	704	3 066	4 784	3 604	2 444	549	495	4.3
0.50 or less .....	7 879	—	482	1 444	2 763	1 392	1 199	218	381	4.2
0.51 to 1.00 .....	6 925	322	213	1 420	1 638	1 916	1 004	298	114	4.4
1.01 to 1.50 .....	937	—	4	113	331	238	218	33	—	4.6
1.51 or more .....	260	33	5	89	52	58	23	—	—	3.6
<b>Lacking some or all plumbing facilities</b> .....	2 002	232	289	353	487	229	263	63	86	3.8
0.50 or less .....	922	—	204	177	245	93	144	23	36	3.8
0.51 to 1.00 .....	776	200	65	135	141	74	77	34	50	3.4
1.01 to 1.50 .....	184	—	9	16	73	43	37	6	—	4.4
1.51 or more .....	120	32	11	25	28	19	5	—	—	3.2
<b>BEDROOMS</b>										
None .....	548	484	38	26	—	—	—	—	—	1.1
1 .....	5 724	—	1 049	3 470	958	247	—	—	—	3.0
2 .....	6 689	—	—	329	3 802	2 071	469	—	18	4.3
3 or more .....	5 042	—	—	—	122	1 511	1 951	824	634	6.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	419	44	64	84	91	102	20	9	5	3.7
1960 to 1968 .....	1 263	76	112	273	426	233	111	27	5	3.9
1950 to 1959 .....	1 104	22	67	178	364	293	119	33	28	4.3
1949 or earlier .....	15 217	445	750	2 884	4 390	3 205	2 457	543	543	4.3
<b>COMPLETE BATHROOMS</b>										
1 and 1/2 .....	14 930	364	700	2 822	4 623	3 408	2 283	395	335	4.3
2 or more .....	595	22	—	22	25	84	213	94	135	6.2
None or also used by another household .....	2 478	222	292	410	730	333	316	73	102	3.9
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	17 025	587	988	3 348	5 117	3 624	2 386	525	450	4.2
Less than 10 percent .....	2 204	84	100	377	719	438	376	56	54	4.3
10 to 14 percent .....	3 658	74	108	592	1 157	924	577	143	83	4.4
15 to 19 percent .....	2 612	39	156	414	847	661	411	52	32	4.3
20 to 24 percent .....	1 521	55	113	254	459	337	233	51	19	4.2
25 to 34 percent .....	1 654	76	140	426	463	334	179	18	18	3.9
35 percent or more .....	3 422	196	264	972	1 015	563	309	36	67	3.8
Not computed .....	1 954	63	107	313	457	367	301	169	177	4.6

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

<sup>2</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA

	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	41 439	36 935	2 792	1 712	18 003	7 438	4 843	2 599	1 247	504	719	253
<b>ROOMS</b>												
1 room	78	46	6	26	587	41	45	65	96	75	260	5
2 rooms	122	81	27	14	993	155	198	211	130	81	175	43
3 rooms	1 343	800	399	144	3 419	873	1 011	853	384	119	153	26
4 rooms	6 548	4 907	819	822	5 271	1 990	1 743	822	378	127	74	137
5 rooms	12 671	11 308	750	613	3 833	1 831	1 228	455	160	87	43	29
6 rooms	12 081	11 552	446	83	2 707	1 901	562	128	84	15	4	13
7 rooms	4 863	4 701	152	10	612	540	24	38	10	—	—	—
8 rooms or more	3 733	3 540	193	—	581	507	32	27	5	—	10	—
Median	5.5	5.6	4.7	4.3	4.3	5.0	4.2	3.7	3.5	3.3	2.1	3.9
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	39 066	34 811	2 624	1 631	16 001	6 619	4 568	2 429	1 119	411	642	218
0.50 or less	22 005	19 519	1 829	657	7 879	2 929	2 349	1 312	658	275	241	115
0.51 to 1.00	14 995	13 388	693	914	6 925	3 113	1 863	975	377	122	392	83
1.01 to 1.50	1 832	1 710	62	60	937	486	282	104	41	5	4	15
1.51 or more	234	194	40	—	260	91	74	38	4	—	—	—
Lacking some or all plumbing facilities	2 373	2 124	168	81	2 002	1 219	275	170	128	93	77	40
0.50 or less	1 496	1 348	102	46	922	551	172	115	35	13	12	24
0.51 to 1.00	599	512	56	31	776	431	78	46	83	74	53	11
1.01 to 1.50	193	179	10	4	184	159	25	—	—	—	—	—
1.51 or more	85	85	—	—	120	78	—	9	10	6	12	5
<b>BEDROOMS</b>												
None	78	22	—	56	548	53	26	58	146	95	149	21
1	2 357	1 475	773	109	5 724	1 154	1 827	1 460	613	236	417	17
2	14 193	11 747	1 279	1 167	6 689	2 806	2 180	804	581	97	82	139
3	18 922	17 653	837	432	3 885	2 563	677	377	135	49	20	64
4 or more	5 889	5 679	210	—	1 157	993	104	41	—	—	19	—
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	848	514	5	329	419	70	9	17	88	19	202	14
1965 to 1968	2 227	1 486	24	717	649	155	78	104	72	57	142	41
1960 to 1964	2 729	2 388	20	321	614	285	52	91	29	39	35	83
1950 to 1959	6 198	5 973	34	191	1 104	758	130	96	42	14	14	50
1940 to 1949	3 173	3 070	85	18	1 542	804	309	125	197	82	10	15
1939 or earlier	26 264	23 504	2 624	136	13 675	5 766	4 265	2 166	819	293	316	50
<b>INCOME IN 1969</b>												
Less than \$2,000	4 823	3 999	622	202	4 121	1 377	1 019	698	420	190	343	74
\$2,000 to \$2,999	2 164	1 857	239	68	1 571	611	411	291	82	33	128	15
\$3,000 to \$3,999	2 167	1 881	206	80	1 391	468	358	252	152	79	66	16
\$4,000 to \$4,999	2 124	1 831	232	61	1 334	531	367	215	114	14	68	25
\$5,000 to \$5,999	2 229	1 983	127	119	1 400	620	445	214	60	20	27	14
\$6,000 to \$6,999	2 703	2 362	203	138	1 372	611	449	238	29	27	—	18
\$7,000 to \$9,999	9 968	8 980	494	494	3 734	1 992	975	412	212	41	41	61
\$10,000 to \$14,999	10 219	9 335	469	415	2 416	1 282	654	253	111	59	41	16
\$15,000 to \$24,999	3 969	3 677	181	111	567	289	159	26	43	36	5	9
\$25,000 or more	1 073	1 030	19	24	97	57	6	—	24	5	—	5
Median	\$8 400	\$8 500	\$5 800	\$8 100	\$5 400	\$6 500	\$5 600	\$4 300	\$3 800	\$3 400	\$2 100	\$4 900
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 879	2 219	166	494	5 944	2 348	1 528	920	482	206	327	133
1968	2 196	1 807	105	284	2 282	1 010	596	284	199	58	92	43
1967	1 815	1 506	56	253	1 580	708	415	195	74	79	94	15
1965 and 1966	3 562	3 095	147	320	2 255	1 013	639	322	116	71	69	25
1960 to 1964	6 463	6 056	203	204	2 560	1 110	703	402	172	55	89	29
1950 to 1959	10 815	10 094	674	47	1 781	833	474	294	114	38	28	—
1949 or earlier	13 709	12 306	1 353	50	1 601	918	470	140	38	20	15	—
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	17 025	6 840	4 843	2 599	1 247	504	719	253
Less than \$50	...	...	...	...	2 690	726	535	489	327	174	397	42
\$50 to \$59	...	...	...	...	1 964	570	617	392	184	64	127	10
\$60 to \$69	...	...	...	...	2 049	567	779	471	156	28	43	5
\$70 to \$79	...	...	...	...	2 186	710	815	451	125	23	43	19
\$80 to \$99	...	...	...	...	3 052	1 364	956	415	195	43	25	54
\$100 to \$119	...	...	...	...	1 812	803	623	207	75	27	26	51
\$120 to \$149	...	...	...	...	1 009	567	185	98	75	46	20	18
\$150 to \$199	...	...	...	...	520	274	65	22	63	74	22	—
\$200 to \$299	...	...	...	...	153	64	31	9	24	20	5	—
\$300 or more	...	...	...	...	—	—	—	—	—	—	—	—
No cash rent	...	...	...	...	1 590	1 215	237	45	23	5	11	54
Median	...	...	...	...	\$75	\$84	\$75	\$68	\$66	\$64	\$50—	\$90
<b>HEATING EQUIPMENT</b>												
Steam or hot water	2 280	1 985	290	5	1 904	309	245	271	395	210	474	—
Warm-air furnace	29 174	26 300	1 584	1 290	7 378	3 824	2 071	802	286	131	133	131
Built-in electric units	1 278	1 677	19	82	539	184	58	82	77	63	70	5
Floor, wall, or pipeless furnace	1 512	1 374	77	61	880	521	174	119	20	—	17	29
Other means	6 678	5 587	817	274	7 276	2 995	2 291	1 325	458	100	19	88
None	17	12	5	—	26	5	4	—	11	—	6	—
<b>AIR CONDITIONING</b>												
Room unit(s)	5 858	5 166	402	290	2 014	831	580	246	169	66	92	30
Central system	1 415	1 328	24	63	212	73	32	26	6	52	19	4
None	34 166	30 589	2 278	1 299	15 777	7 036	4 213	2 285	1 020	409	603	211
<b>AUTOMOBILES AVAILABLE</b>												
1	21 662	19 353	1 381	928	9 018	4 486	2 433	1 069	526	180	187	137
2	11 525	10 684	341	500	2 422	1 458	593	187	94	49	13	28
3 or more	1 937	1 806	65	86	300	193	59	28	—	6	—	14
None	6 295	5 240	917	138	6 263	1 803	1 740	1 273	575	292	514	66

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA	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		
<b>Owner occupied housing units</b>	<b>41 439</b>	<b>650</b>	<b>3 975</b>	<b>6 414</b>	<b>14 483</b>	<b>5 149</b>	<b>919</b>	<b>507</b>	<b>2 001</b>	<b>1 271</b>	<b>2 390</b>	<b>3 680</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>	<b>39 066</b>	<b>621</b>	<b>3 824</b>	<b>6 233</b>	<b>13 926</b>	<b>4 787</b>	<b>829</b>	<b>462</b>	<b>1 909</b>	<b>1 171</b>	<b>2 125</b>	<b>3 179</b>
With all plumbing facilities	22 005	272	686	974	7 749	3 994	493	377	1 192	1 004	2 110	3 154
0.50 or less	14 995	334	2 736	4 297	5 628	764	289	81	663	163	15	25
0.51 to 1.00	1 832	15	372	862	487	13	47	4	28	4	-	-
1.01 to 1.50	234	-	30	100	62	16	-	-	26	-	-	-
1.51 or more	2 373	29	151	181	557	367	90	45	92	100	265	501
Lacking some or all plumbing facilities	1 496	10	26	30	245	232	56	23	51	85	250	483
0.50 or less	599	13	73	77	205	110	23	22	28	15	15	18
0.51 to 1.00	193	6	39	58	67	10	-	-	13	-	-	-
1.01 to 1.50	85	-	13	16	40	5	11	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>	<b>36 935</b>	<b>371</b>	<b>3 366</b>	<b>6 049</b>	<b>13 377</b>	<b>4 636</b>	<b>821</b>	<b>469</b>	<b>1 728</b>	<b>1 105</b>	<b>1 974</b>	<b>3 039</b>
1	2 792	40	137	180	782	420	35	31	181	154	296	536
2 or more	1 712	239	472	185	324	93	63	7	92	12	120	105
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
<b>INCOME IN 1969</b>	<b>4 823</b>	<b>25</b>	<b>25</b>	<b>66</b>	<b>420</b>	<b>586</b>	<b>57</b>	<b>54</b>	<b>306</b>	<b>311</b>	<b>727</b>	<b>2 246</b>
Less than \$2,000	2 164	35	24	57	151	664	21	48	121	154	279	610
\$2,000 to \$2,999	2 167	14	40	72	323	808	27	34	163	104	325	257
\$3,000 to \$3,999	2 124	34	44	126	469	642	34	32	254	74	270	145
\$4,000 to \$4,999	2 229	72	258	169	622	449	68	55	226	89	110	111
\$5,000 to \$5,999	2 703	70	287	389	984	373	92	34	138	43	207	86
\$6,000 to \$6,999	9 968	243	1 663	1 865	4 063	710	232	72	416	249	317	138
\$7,000 to \$9,999	10 219	143	1 247	2 619	4 782	544	266	76	262	129	105	46
\$10,000 to \$14,999	3 969	14	317	823	2 191	256	90	47	69	81	40	41
\$15,000 to \$24,999	1 073	-	70	228	478	117	32	55	46	37	10	-
\$25,000 or more	\$8 400	\$7 900	\$9 400	\$10 900	\$10 200	\$4 800	\$9 100	\$6 900	\$5 700	\$4 900	\$3 600	\$2000-
Median	-	-	-	-	-	-	-	-	-	-	-	-
<b>VALUE-INCOME RATIO</b>	<b>32 863</b>	<b>366</b>	<b>3 029</b>	<b>5 487</b>	<b>11 873</b>	<b>4 034</b>	<b>732</b>	<b>380</b>	<b>1 610</b>	<b>986</b>	<b>1 678</b>	<b>2 688</b>
Specified owner occupied <sup>1</sup>	15 437	216	1 560	3 102	7 081	1 261	444	196	601	359	417	200
Less than 1.5	5 202	43	602	1 076	2 092	627	83	63	200	81	208	127
1.5 to 1.9	3 351	57	421	658	1 037	476	86	24	187	36	178	127
2.0 to 2.4	2 040	6	220	281	587	386	14	18	170	110	121	127
2.5 to 2.9	2 220	28	133	183	540	480	41	20	151	114	180	350
3.0 to 3.9	4 264	10	93	179	500	780	64	59	269	248	494	1 568
4.0 or more	349	6	-	8	36	24	-	-	32	38	80	125
Not computed	-	-	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b>	<b>18 003</b>	<b>1 653</b>	<b>3 015</b>	<b>1 727</b>	<b>2 686</b>	<b>1 181</b>	<b>459</b>	<b>141</b>	<b>1 794</b>	<b>422</b>	<b>2 400</b>	<b>2 525</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>	<b>16 001</b>	<b>1 535</b>	<b>2 813</b>	<b>1 554</b>	<b>2 418</b>	<b>1 070</b>	<b>400</b>	<b>111</b>	<b>1 643</b>	<b>375</b>	<b>2 015</b>	<b>2 067</b>
With all plumbing facilities	7 879	484	558	245	1 019	660	219	72	648	214	1 881	1 879
0.50 or less	6 925	995	1 914	944	1 179	395	151	34	849	142	134	188
0.51 to 1.00	937	43	249	309	185	8	18	-	116	9	-	-
1.01 to 1.50	260	13	92	56	35	7	12	5	30	10	-	-
1.51 or more	2 002	118	202	173	268	111	59	30	151	47	385	458
Lacking some or all plumbing facilities	922	26	16	9	63	54	16	18	48	29	267	376
0.50 or less	776	67	112	54	160	57	20	7	85	14	118	82
0.51 to 1.00	184	10	59	72	13	-	15	-	11	4	-	-
1.01 to 1.50	120	15	15	38	32	-	8	5	7	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>	<b>7 838</b>	<b>580</b>	<b>1 714</b>	<b>1 083</b>	<b>1 505</b>	<b>521</b>	<b>199</b>	<b>77</b>	<b>675</b>	<b>172</b>	<b>647</b>	<b>665</b>
1	7 442	843	1 096	523	974	453	194	50	818	196	1 128	1 167
2 to 4	1 751	132	161	80	158	88	47	14	246	24	439	362
5 to 19	719	32	16	16	23	114	15	-	46	24	125	308
20 or more	253	66	28	25	26	5	4	-	9	6	61	23
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
<b>GROSS RENT</b>	<b>17 025</b>	<b>1 613</b>	<b>2 759</b>	<b>1 559</b>	<b>2 446</b>	<b>1 090</b>	<b>425</b>	<b>123</b>	<b>1 749</b>	<b>410</b>	<b>2 366</b>	<b>2 485</b>
Specified renter occupied <sup>2</sup>	2 690	120	83	104	186	172	65	23	327	97	518	995
Less than \$50	1 964	100	178	110	240	127	55	15	254	61	445	379
\$50 to \$59	2 049	185	226	193	305	142	74	8	245	72	313	286
\$60 to \$69	2 186	272	317	187	404	192	19	27	251	43	278	196
\$70 to \$79	3 052	454	694	359	478	159	89	16	305	74	244	180
\$80 to \$99	1 812	272	527	216	237	78	50	5	145	10	179	93
\$100 to \$119	1 009	91	311	150	194	21	19	5	70	-	94	54
\$120 to \$149	520	33	175	67	90	19	10	-	35	11	54	26
\$150 to \$199	153	5	41	5	52	13	8	-	14	10	10	5
\$200 to \$299	-	-	-	-	-	-	-	-	-	-	-	-
\$300 or more	1 590	81	207	168	260	167	36	24	117	28	231	271
No cash rent	-	-	-	-	-	-	-	-	-	-	-	-
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>	<b>17 025</b>	<b>1 613</b>	<b>2 759</b>	<b>1 559</b>	<b>2 446</b>	<b>1 090</b>	<b>425</b>	<b>123</b>	<b>1 749</b>	<b>410</b>	<b>2 366</b>	<b>2 485</b>
Specified renter occupied <sup>2</sup>	8 028	494	301	255	492	710	191	67	1 272	297	1 653	2 296
Less than \$5,000	1 116	102	38	63	118	130	26	8	123	30	318	160
Less than 20 percent	978	91	71	41	43	163	31	10	182	26	201	119
20 to 24 percent	1 403	116	38	46	82	179	39	-	214	53	223	413
25 to 34 percent	3 365	140	99	76	154	139	80	36	611	164	635	1 231
35 percent or more	1 166	45	55	29	95	99	15	13	142	24	276	373
Not computed	6 078	891	1 610	786	1 199	252	160	50	376	69	546	139
\$5,000 to \$9,999	4 703	708	1 233	599	951	177	134	35	255	55	449	107
Less than 20 percent	515	66	177	68	80	25	5	-	44	-	35	15
20 to 24 percent	242	55	58	24	30	-	5	5	39	-	21	5
25 to 34 percent	57	15	11	5	10	10	4	-	-	-	6	6
35 percent or more	561	47	131	90	132	40	21	5	38	10	41	6
Not computed	2 296	198	702	435	545	96	59	-	76	33	114	38
\$10,000 to \$14,999	2 080	188	670	369	477	85	59	-	67	33	94	38
Less than 20 percent	28	-	6	9	9	-	-	-	-	-	4	-
20 to 24 percent	9	-	5	-	4	-	-	-	-	-	-	-
25 percent or more	179	10	21	57	55	11	-	-	9	-	16	-
Not computed	623	30	146	83	210	32	15	6	25	11	53	12
\$15,000 or more	575	30	142	83	199	15	15	-	20	11	48	12
Less than 20 percent	-	-	-	-	-	-	-	-	-	-	-	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	48	-	4	-	11	17	-	6	5	-	5	-
Not computed	-	-	-	-	-	-	-	-	-	-	-	-

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

<sup>2</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	41 439	6 070	13 312	7 449	6 339	4 047	2 327	1 136	539	2.7
<b>BEDROOMS</b>										
None and 1	2 435	1 251	955	100	61	41	27	-	-	1.5
2	14 193	2 605	6 316	2 953	1 522	475	194	87	41	2.2
3	18 922	1 571	5 029	3 706	3 611	2 720	1 453	650	182	3.3
4 or more	5 889	620	1 370	845	839	899	536	545	235	3.6
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	848	57	220	258	156	90	45	22	-	3.1
1965 to 1968	2 227	91	572	426	574	350	130	48	36	3.5
1960 to 1964	2 729	186	727	434	644	458	195	70	15	3.5
1950 to 1959	6 198	600	1 810	1 264	1 168	735	359	177	85	3.0
1940 to 1949	3 173	433	1 112	592	490	278	170	70	28	2.6
1939 or earlier	26 264	4 703	9 071	4 475	3 307	2 136	1 428	749	395	2.4
<b>UNITS IN STRUCTURE</b>										
1	36 935	5 013	11 870	6 636	5 795	3 744	2 244	1 097	536	2.7
2 or more	2 792	832	1 075	381	224	171	53	33	23	2.0
Mobile home or trailer	1 712	225	567	432	320	132	30	6	-	2.6
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	32 919	4 609	11 050	6 074	5 111	3 041	1 843	819	372	2.6
2 and 2 1/2	4 877	470	1 245	883	957	755	330	141	96	3.3
3 or more	545	59	205	62	86	60	48	19	6	2.6
None or also used by another household	3 098	956	959	381	290	173	105	128	106	2.1
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	35 369	...	13 512	7 449	6 339	4 047	2 327	1 136	539	1.1
Male head, wife present, no nonrelatives	30 671	...	10 911	6 399	5 835	3 722	2 175	1 090	539	3.2
Under 25 years	650	...	250	227	135	32	6	-	-	2.8
25 to 34 years	3 975	...	328	797	1 403	804	387	193	63	4.1
35 to 44 years	6 414	...	457	867	1 738	1 472	1 081	533	266	4.6
45 to 64 years	14 483	...	6 030	3 601	2 327	1 312	674	340	199	2.8
65 years and over	5 149	...	3 846	907	232	102	27	24	11	2.2
Other male head	1 426	...	736	346	142	102	86	4	10	2.5
Under 65 years	919	...	418	224	100	90	77	-	10	2.7
65 years and over	507	...	318	122	42	12	9	4	-	2.3
Female head	3 272	...	1 865	704	362	223	66	42	10	2.4
Under 65 years	2 001	...	999	432	278	182	62	38	10	2.5
65 years and over	1 271	...	866	272	84	41	4	4	-	2.2
<b>One-person households</b>	6 070	6 070	...	...	...	...	...	...	...	1.8
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>										
Less than 1.5	32 863	4 366	10 505	5 941	5 293	3 348	1 995	939	476	2.8
1.5 to 1.9	15 437	617	4 158	3 384	2 928	1 933	1 385	694	338	3.4
2.0 to 2.4	5 202	335	1 721	1 056	929	615	324	149	73	3.0
2.5 to 2.9	3 351	369	1 233	567	587	382	123	47	43	2.6
3.0 to 3.9	2 040	248	904	293	291	182	86	30	6	2.4
4.0 or more	2 220	530	1 004	244	291	86	43	6	16	2.1
Not computed	4 264	2 062	1 399	374	238	144	34	13	-	1.6
	349	205	86	23	29	6	-	-	-	1.4
<b>Renter occupied housing units</b>	18 003	4 925	4 997	2 994	2 445	1 204	712	429	297	2.3
<b>BEDROOMS</b>										
None	548	470	37	19	-	-	-	22	-	1.1
1	5 724	2 893	1 928	601	146	92	64	-	-	1.5
2	6 689	1 244	2 146	1 401	1 285	403	111	80	19	2.5
3 or more	5 042	334	732	809	1 271	673	477	366	380	4.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	419	145	138	59	68	5	4	-	-	2.0
1965 to 1968	649	248	192	61	65	44	30	4	5	1.9
1960 to 1964	614	171	183	71	54	79	31	14	11	2.5
1950 to 1959	1 104	223	328	240	184	65	29	14	21	2.5
1940 to 1949	1 542	234	495	381	217	100	63	43	9	2.6
1939 or earlier	13 675	3 904	3 661	2 182	1 857	911	555	354	251	2.3
<b>UNITS IN STRUCTURE</b>										
1	7 838	1 312	1 874	1 483	1 360	799	502	301	207	3.0
2	4 843	1 316	1 520	812	689	253	123	82	48	2.2
3 and 4	2 599	979	813	356	274	78	55	18	26	1.9
5 to 9	1 247	518	382	169	82	39	27	19	11	1.8
10 to 19	504	283	120	62	19	10	-	5	5	1.4
20 or more	719	433	220	52	10	-	-	4	-	1.3
Mobile home or trailer	253	84	68	60	11	25	5	-	-	2.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	14 930	3 890	4 384	2 727	1 968	960	547	307	147	2.3
2 or more	595	104	113	49	107	85	96	27	14	3.8
None or also used by another household	2 478	911	556	269	263	198	108	83	90	2.1
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	13 078	...	4 997	2 994	2 445	1 204	712	429	297	1.8
Male head, wife present, no nonrelatives	10 262	...	3 526	2 397	2 082	1 039	617	346	255	3.2
Under 25 years	1 653	...	751	565	268	48	16	5	-	2.6
25 to 34 years	3 015	...	516	766	919	400	250	82	82	3.7
35 to 44 years	1 727	...	231	230	437	342	228	146	113	4.4
45 to 64 years	2 686	...	1 094	656	419	232	118	107	60	2.9
65 years and over	1 181	...	934	180	39	17	5	6	-	2.1
Other male head	600	...	403	66	54	23	15	20	19	2.2
Under 65 years	459	...	312	39	46	18	15	15	14	2.2
65 years and over	141	...	91	27	8	5	-	5	5	2.3
Female head	2 216	...	1 068	531	309	142	80	63	23	2.6
Under 65 years	1 794	...	768	454	294	137	75	48	18	2.8
65 years and over	422	...	300	77	15	5	5	15	5	2.2
<b>One-person households</b>	4 925	4 925	...	...	...	...	...	...	...	1.8
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	17 023	4 851	4 773	2 432	2 260	1 035	627	373	254	1.3
Less than 10 percent	2 204	228	723	433	423	186	116	56	39	2.8
10 to 14 percent	3 658	460	1 097	799	630	284	184	115	89	2.8
15 to 19 percent	2 612	538	758	526	397	171	121	45	56	2.5
20 to 24 percent	1 521	374	477	251	204	113	39	48	15	2.3
25 to 34 percent	1 654	662	474	210	182	54	38	18	16	1.8
35 percent or more	3 422	1 872	742	351	207	112	70	54	14	1.4
Not computed	1 954	717	502	262	217	135	59	37	25	2.0

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

<sup>2</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
<b>Vacant for sale</b> .....	<b>403</b>	<b>66</b>	<b>102</b>	<b>235</b>	<b>Vacant for rent</b> .....	<b>1 311</b>	<b>513</b>	<b>383</b>	<b>415</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	43	8	—	35	1 room .....	65	28	26	11
4 rooms .....	52	14	7	31	2 rooms .....	64	37	9	18
5 rooms .....	113	18	30	65	3 rooms .....	291	101	92	98
6 rooms .....	136	22	49	65	4 rooms .....	412	184	114	114
7 rooms or more .....	59	4	16	39	5 rooms .....	249	81	76	92
					6 rooms .....	137	30	52	55
					7 rooms or more .....	93	52	14	27
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	333	61	96	176	With all plumbing facilities .....	1 079	462	296	321
Lacking some or all plumbing facilities .....	70	5	6	59	Lacking some or all plumbing facilities .....	232	51	87	94
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	26	12	—	14	None .....	93	64	29	—
2 .....	125	—	41	84	1 .....	436	247	78	111
3 .....	90	13	15	62	2 .....	455	223	119	113
4 or more .....	56	—	—	56	3 or more .....	340	50	188	102
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	37	18	4	15	1969 to March 1970 .....	31	25	6	—
1960 to 1968 .....	28	11	4	13	1960 to 1968 .....	51	32	4	15
1950 to 1959 .....	38	5	12	21	1950 to 1959 .....	19	4	6	9
1949 or earlier .....	300	32	82	186	1949 or earlier .....	1 210	452	367	391
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	317	47	82	188	1 .....	453	135	146	172
2 or more .....	86	19	20	47	2 to 4 .....	502	173	163	166
					5 to 9 .....	203	122	42	39
					10 to 19 .....	81	39	10	32
					20 or more .....	72	44	22	6
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	14	—	4	10	<b>Specified vacant for rent<sup>2</sup></b> .....	<b>1 237</b>	<b>483</b>	<b>368</b>	<b>384</b>
Warm-air furnace .....	196	44	36	116	Less than \$50 .....	588	161	234	193
Build-in electric units .....	30	8	8	14	\$50 to \$59 .....	265	121	68	76
Floor, wall, or pipeless furnace .....	16	3	6	7	\$60 to \$79 .....	216	88	50	78
Other means .....	141	11	48	82	\$80 to \$99 .....	51	24	12	15
None .....	6	—	—	6	\$100 to \$119 .....	53	35	—	18
					\$120 to \$149 .....	19	13	—	6
					\$150 to \$199 .....	45	41	4	—
					\$200 or more .....	—	—	—	—
<b>SALES PRICE ASKED</b>					Median rent asked .....	<b>\$51</b>	<b>\$57</b>	<b>\$43</b>	<b>\$50</b>
<b>Specified vacant for sale<sup>1</sup></b> .....	<b>282</b>	<b>47</b>	<b>78</b>	<b>157</b>					
Less than \$5,000 .....	63	—	24	39					
\$5,000 to \$9,999 .....	85	12	18	55					
\$10,000 to \$14,999 .....	50	4	9	37					
\$15,000 to \$19,999 .....	23	14	—	9					
\$20,000 to \$24,999 .....	12	—	4	8					
\$25,000 to \$34,999 .....	32	9	19	4					
\$35,000 to \$49,999 .....	13	8	—	5					
\$50,000 or more .....	4	—	4	—					
Median price asked .....	\$9 500	...	...	\$8 500					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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 <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	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
<b>Total</b> .....	<b>282</b>	<b>148</b>	<b>50</b>	<b>23</b>	<b>12</b>	<b>32</b>	<b>17</b>	<b>1 237</b>	<b>853</b>	<b>216</b>	<b>51</b>	<b>72</b>	<b>45</b>	<b>—</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	189	79	89	—	21	—	—	988	612	212	72	57	35	—
Lacking some or all plumbing facilities .....	—	—	—	—	—	—	—	265	201	43	21	—	—	—
<b>BEDROOMS</b>														
None and 1 .....	14	14	—	—	—	—	—	494	263	161	21	35	14	—
2 .....	51	15	36	—	—	—	—	455	341	50	21	22	21	—
3 .....	90	29	40	—	21	—	—	210	144	44	22	—	—	—
4 or more .....	34	21	13	—	—	—	—	94	65	—	29	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	37	3	—	9	8	13	4	31	6	—	—	19	6	—
1960 to 1968 .....	21	5	—	4	4	4	4	47	9	11	—	—	27	—
1950 to 1959 .....	34	15	14	—	—	5	—	19	15	—	4	—	—	—
1949 or earlier .....	190	125	36	10	—	10	9	1 140	823	205	47	53	12	—
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	379	276	73	12	18	—	—
2 to 4 .....	...	...	...	...	...	...	...	502	355	86	24	21	16	—
5 to 19 .....	...	...	...	...	...	...	...	284	184	48	15	33	4	—
20 or more .....	...	...	...	...	...	...	...	72	38	9	—	—	25	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	330	224	44	17	31	14	—
Some or no utilities included .....	...	...	...	...	...	...	...	907	629	172	34	41	31	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

Wheeling	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)
<b>Specified owner occupied<sup>1</sup></b>	<b>8 221</b>	<b>454</b>	<b>1 051</b>	<b>986</b>	<b>1 011</b>	<b>973</b>	<b>1 602</b>	<b>920</b>	<b>777</b>	<b>298</b>	<b>149</b>	<b>14 100</b>
<b>ROOMS</b>												
1 and 2 rooms	13	—	—	5	—	—	—	—	—	—	—	—
3 rooms	170	50	55	25	20	15	5	8	—	—	—	—
4 rooms	758	118	215	79	132	101	78	15	15	—	—	6 400
5 rooms	2 134	169	303	202	278	306	541	207	98	25	5	13 400
6 rooms	2 821	93	339	424	339	393	587	339	218	84	5	13 900
7 rooms	1 278	10	108	185	160	84	230	219	173	63	46	17 700
8 rooms or more	1 047	14	31	66	82	74	161	132	273	126	88	23 600
Median	5.9	4.8	5.3	5.9	5.7	5.7	5.8	6.2	6.8	7.1	7.5+	—
<b>PERSONS</b>												
1 person	1 204	140	216	186	142	148	145	88	97	37	5	11 100
2 persons	2 602	141	281	288	336	322	548	306	196	126	58	14 500
3 persons	1 506	59	219	151	201	234	264	179	132	43	24	13 800
4 persons	1 202	31	138	135	128	112	247	181	151	38	41	16 100
5 persons	813	48	92	106	112	72	160	93	98	27	5	14 200
6 persons or more	894	35	105	120	92	85	238	73	103	27	16	15 200
Median	2.7	2.1	2.6	2.6	2.6	2.6	2.9	2.9	3.2	2.4	3.0	—
Units with roomers, boarders, or lodgers	82	10	17	19	13	18	—	5	—	—	—	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>8 159</b>	<b>422</b>	<b>1 041</b>	<b>986</b>	<b>1 006</b>	<b>973</b>	<b>1 597</b>	<b>920</b>	<b>772</b>	<b>298</b>	<b>144</b>	<b>14 100</b>
0.50 or less	4 920	246	548	582	618	644	890	549	496	245	102	14 300
0.51 to 1.00	2 896	139	431	371	328	290	636	349	257	53	42	14 000
1.01 to 1.50	314	32	58	33	54	34	62	22	19	—	—	11 600
1.51 or more	29	5	4	—	6	5	9	—	—	—	—	—
<b>Lacking some or all plumbing facilities</b>	<b>62</b>	<b>32</b>	<b>10</b>	<b>—</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
0.50 or less	47	—	—	—	—	—	—	—	—	—	—	—
0.51 to 1.00	15	—	—	—	—	—	—	—	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None and 1	237	41	58	60	38	—	—	22	—	—	—	—
2	2 349	208	426	322	467	224	388	136	100	—	18	—
3	4 115	175	424	540	507	429	1 147	431	304	38	40	11 200
4 or more	1 406	—	21	201	129	45	264	135	350	141	17	14 900
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	66	—	—	7	—	—	—	10	21	—	6	—
1965 to 1968	221	—	—	6	—	—	22	33	73	—	5	—
1960 to 1964	423	—	—	6	—	—	39	71	107	46	20	26 800
1950 to 1959	1 203	11	25	35	81	133	407	214	177	85	35	19 000
1940 to 1949	528	9	23	27	57	67	165	97	53	24	6	17 400
1939 or earlier	5 780	434	1 003	905	867	734	904	434	325	97	77	11 600
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	6 437	396	1 001	823	803	923	1 366	674	350	73	28	13 000
2 and 2 1/2	1 515	7	77	129	138	122	162	269	385	173	53	22 300
3 or more	177	—	—	—	12	—	23	8	48	34	52	34 500
None or also used by another household	127	67	21	—	13	7	8	—	4	—	7	—
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>7 017</b>	<b>314</b>	<b>835</b>	<b>800</b>	<b>869</b>	<b>825</b>	<b>1 457</b>	<b>832</b>	<b>680</b>	<b>261</b>	<b>144</b>	<b>14 600</b>
Male head, wife present, no nonrelatives	5 872	206	710	636	701	687	1 289	706	610	208	119	15 000
25 to 34 years	63	5	9	6	10	5	17	5	6	—	—	—
35 to 44 years	596	24	52	33	87	69	178	43	86	4	20	15 900
45 to 64 years	1 293	45	162	137	140	149	270	159	166	49	19	15 300
65 years and over	2 893	47	366	308	308	359	645	381	287	112	57	15 200
Under male head	1 027	85	121	129	156	108	179	118	65	43	23	13 000
Under 65 years	348	30	51	51	46	50	24	16	27	37	16	12 300
65 years and over	202	25	41	20	26	24	10	6	22	17	11	11 400
Female head	146	5	10	31	20	26	14	10	5	20	5	13 200
Under 65 years	797	78	74	113	122	88	144	110	43	16	9	12 800
65 years and over	428	31	54	56	58	62	103	39	17	8	—	13 100
One-person households	369	47	20	57	64	41	71	26	8	—	—	—
Under 65 years	1 204	140	216	184	142	148	145	88	97	37	5	11 100
65 years and over	481	37	83	99	65	58	70	23	32	9	5	10 800
Median	723	103	133	87	77	90	75	65	65	28	—	11 300
<b>INCOME IN 1969</b>												
Less than \$2,000	810	133	130	132	118	77	97	73	40	5	5	10 200
\$2,000 to \$2,999	410	53	102	86	31	55	44	22	17	—	—	9 000
\$3,000 to \$3,999	417	51	71	44	49	52	50	32	13	—	—	11 500
\$4,000 to \$4,999	327	26	64	62	49	47	58	11	10	—	—	10 600
\$5,000 to \$5,999	449	57	52	62	56	64	76	36	41	5	—	12 400
\$6,000 to \$6,999	532	36	63	102	95	81	77	42	27	4	5	11 700
\$7,000 to \$9,999	1 816	67	293	211	283	289	371	157	88	34	23	13 000
\$10,000 to \$14,999	2 079	23	222	232	229	243	570	272	221	59	8	15 700
\$15,000 to \$24,999	977	8	41	40	68	71	202	222	199	95	31	21 300
\$25,000 or more	404	—	13	15	13	11	55	35	102	83	77	30 900
Median	\$8 900	\$3 800	\$7 400	\$7 100	\$7 900	\$8 300	\$10 200	\$11 300	\$13 000	\$18 100	\$27 000	—
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	466	24	38	59	29	59	101	43	74	18	21	16 200
1968	388	19	75	6	50	44	53	50	91	—	—	15 000
1967	373	18	48	41	21	12	127	40	42	18	6	17 300
1965 and 1966	586	18	71	47	40	44	170	97	55	44	—	17 000
1960 to 1964	1 425	84	176	131	157	240	233	147	172	68	17	14 200
1950 to 1959	2 510	107	311	299	259	339	507	359	206	69	54	14 600
1949 or earlier	2 508	200	380	369	410	314	368	215	147	63	42	11 900
<b>HEATING EQUIPMENT</b>												
Steam or hot water	589	—	31	38	68	51	129	95	98	34	45	18 800
Warm-air furnace	6 087	169	489	681	801	842	1 394	744	622	245	100	15 200
Built-in electric units	151	—	—	—	—	16	33	53	32	13	4	22 500
Floor, wall, or pipeless furnace	170	14	45	39	36	14	6	10	—	6	—	9 200
Other means	1 224	271	486	228	106	50	40	18	25	—	—	6 800
None	—	—	—	—	—	—	—	—	—	—	—	—
<b>AIR CONDITIONING</b>												
Room unit(s)	1 669	13	161	156	180	248	356	277	177	64	39	16 200
Central system	454	—	7	—	—	19	59	69	128	89	56	28 600
None	6 133	459	931	796	767	777	1 144	605	482	127	45	12 900

<sup>1</sup>Limited 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)

Wheeling	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)
<b>Specified renter occupied<sup>1</sup></b>	<b>7 094</b>	<b>1 287</b>	<b>962</b>	<b>858</b>	<b>874</b>	<b>1 172</b>	<b>690</b>	<b>434</b>	<b>272</b>	<b>104</b>	<b>-</b>	<b>441</b>	<b>73</b>
<b>ROOMS</b>													
1 room	376	213	89	5	26	5	16	16	6	-	-	-	50-
2 rooms	561	200	123	78	49	43	19	36	7	-	-	6	56
3 rooms	1 714	437	340	278	271	203	84	33	23	-	-	45	62
4 rooms	1 945	274	261	333	263	359	211	76	53	10	-	105	72
5 rooms	1 378	123	114	108	200	361	138	134	71	44	-	85	85
6 rooms	808	35	25	56	46	176	195	91	77	34	-	73	103
7 rooms	128	-	5	-	14	6	15	34	21	-	-	33	...
8 rooms or more	184	5	5	-	5	19	12	14	14	16	-	94	...
Median	3.9	3.0	3.3	3.7	3.8	4.4	4.6	4.9	5.2	5.5	-	5.3	...
<b>PERSONS</b>													
1 person	2 460	747	481	272	233	272	164	101	51	15	-	124	59
2 persons	2 149	306	274	341	273	343	228	100	79	35	-	150	73
3 persons	1 009	83	99	95	180	220	82	119	51	20	-	60	81
4 persons	751	61	51	98	118	154	90	68	52	14	-	45	83
5 persons	325	37	29	30	40	90	44	16	9	6	-	24	83
6 persons or more	400	53	28	22	30	73	82	30	30	14	-	38	90
Median	2.0	1.4	1.5	2.0	2.2	2.4	2.3	2.6	2.6	2.6	-	2.1	...
Units with roomers, boarders, or lodgers	162	34	33	35	10	19	5	13	4	9	-	-	64
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>6 472</b>	<b>1 059</b>	<b>879</b>	<b>803</b>	<b>874</b>	<b>1 167</b>	<b>680</b>	<b>423</b>	<b>266</b>	<b>100</b>	<b>-</b>	<b>421</b>	<b>74</b>
0.50 or less	3 562	569	489	429	385	576	367	213	147	70	-	317	74
0.51 to 1.00	2 678	429	352	322	420	504	253	184	108	30	-	76	75
1.01 to 1.50	319	39	29	40	52	65	34	26	11	-	-	23	78
1.51 or more	113	22	9	12	17	22	26	-	-	-	-	5	76
<b>Lacking some or all plumbing facilities</b>	<b>422</b>	<b>228</b>	<b>83</b>	<b>55</b>	<b>-</b>	<b>5</b>	<b>10</b>	<b>11</b>	<b>6</b>	<b>4</b>	<b>-</b>	<b>20</b>	<b>50-</b>
0.50 or less	188	109	24	30	-	5	10	-	-	-	-	10	50-
0.51 to 1.00	202	114	47	25	-	-	-	11	-	-	-	5	50-
1.01 to 1.50	9	-	-	-	-	-	-	-	-	4	-	5	...
1.51 or more	23	5	12	-	-	-	-	-	6	-	-	-	...
<b>BEDROOMS</b>													
None	375	225	105	20	-	-	-	25	-	-	-	-	...
1	2 898	676	438	532	391	255	391	63	56	-	-	96	65
2	2 484	246	273	369	321	436	345	170	95	61	-	168	78
3 or more	1 308	156	-	111	73	221	235	181	106	61	-	164	101
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	31	12	-	-	-	-	-	-	-	19	-	-	...
1965 to 1968	201	53	30	5	16	-	-	10	38	39	-	10	75
1960 to 1964	265	136	17	5	-	5	6	36	39	11	-	10	50-
1950 to 1959	281	49	10	31	24	37	25	47	38	5	-	15	93
1940 to 1949	583	29	58	48	70	79	65	11	4	-	-	36	71
1939 or earlier	5 733	854	876	759	786	1 060	580	276	146	26	-	370	72
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	589	172	98	40	79	60	44	38	38	-	-	20	64
With elevator	338	116	39	-	38	41	26	38	20	-	-	20	...
Walk-up	251	56	59	40	41	19	18	-	18	-	-	-	...
1 to 3 floors	6 476	1 131	718	992	706	852	927	401	219	122	-	408	73
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	6 161	984	877	719	888	1 200	542	391	207	45	-	308	74
2 or more	331	-	-	-	7	37	59	27	50	57	-	94	137
None or also used by another household	580	294	105	88	6	31	8	14	7	-	-	27	50-
<b>INCOME IN 1969</b>													
Less than \$2,000	1 795	750	281	216	143	174	97	40	6	5	-	83	54
\$2,000 to \$2,999	688	189	145	98	84	78	32	16	4	5	-	37	59
\$3,000 to \$3,999	579	110	112	107	79	73	44	10	10	-	-	34	65
\$4,000 to \$4,999	594	61	104	79	101	127	58	20	5	-	-	39	73
\$5,000 to \$5,999	609	54	90	63	123	120	47	46	23	6	-	37	76
\$6,000 to \$6,999	494	35	49	44	91	129	54	25	17	5	-	45	81
\$7,000 to \$9,999	1 289	58	98	167	162	335	167	120	81	14	-	87	87
\$10,000 to \$14,999	780	30	63	74	81	120	148	126	81	9	-	48	99
\$15,000 to \$24,999	209	-	20	10	10	16	43	25	29	45	-	11	120
\$25,000 or more	57	-	-	-	-	-	-	6	16	15	-	20	...
Median	\$4 800	\$2000-	\$3 500	\$4 100	\$5 200	\$6 100	\$7 200	\$8 500	\$9 600	\$16 800	-	\$5 700	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	2 118	234	203	191	252	483	287	207	147	41	-	73	85
1968	829	176	89	84	90	189	90	51	39	16	-	5	77
1967	667	185	67	109	100	79	62	15	6	-	-	25	66
1965 and 1966	852	142	126	96	110	133	86	43	36	26	-	54	73
1960 to 1964	1 153	301	207	139	158	172	58	49	7	6	-	56	63
1950 to 1959	889	138	196	109	119	147	47	20	13	7	-	93	66
1949 or earlier	564	102	94	79	72	65	22	-	7	-	-	123	63
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	811	142	169	160	115	84	74	31	21	15	-	...	66
10 to 14 percent	1 357	169	182	161	202	341	158	95	28	21	-	...	78
15 to 19 percent	1 125	122	157	124	172	239	130	90	67	24	-	...	79
20 to 24 percent	708	110	67	83	95	147	72	70	55	9	-	...	80
25 to 34 percent	848	250	120	77	80	108	94	67	47	5	-	...	67
35 percent or more	1 636	432	236	241	200	226	146	77	48	30	-	...	66
Not computed	609	62	31	12	10	27	16	4	6	-	-	441	57
<b>AIR CONDITIONING</b>													
Room unit(s)	973	40	113	101	142	200	105	92	62	15	-	103	83
Central system	94	6	-	-	-	5	-	15	7	40	-	21	...
None	6 005	1 232	869	706	759	1 063	504	325	195	47	-	305	71

<sup>1</sup>Excludes 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]

Wheeling	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)
<b>Owner occupied housing units</b>	<b>9 679</b>	<b>1 115</b>	<b>516</b>	<b>537</b>	<b>419</b>	<b>492</b>	<b>614</b>	<b>2 067</b>	<b>2 354</b>	<b>1 110</b>	<b>455</b>	<b>8 700</b>
<b>ROOMS</b>												
1 and 2 rooms	61	17	13	17	-	-	-	5	-	-	-	...
3 rooms	395	135	53	54	35	5	9	50	39	10	5	3 200
4 rooms	1 177	199	112	97	82	62	96	300	160	55	14	6 400
5 rooms	2 493	326	113	139	140	156	191	634	576	182	36	7 900
6 rooms	3 030	287	162	146	114	157	202	633	881	355	93	9 100
7 rooms or more	2 523	151	63	84	48	112	107	445	698	508	307	11 800
<b>PERSONS</b>												
1 person	1 631	680	248	173	153	66	106	120	43	42	-	2 500
2 persons	3 109	275	197	251	173	245	237	719	599	276	137	7 700
3 and 4 persons	3 037	137	62	89	70	128	166	786	989	443	167	10 400
5 persons	947	10	9	19	17	29	54	240	363	143	63	11 300
6 persons or more	955	13	-	5	6	24	51	202	360	206	88	12 500
Units with roomers, boarders, or lodgers	101	57	12	10	4	-	-	14	-	-	-	2000-
<b>BEDROOMS</b>												
Less than 3	3 564	614	330	252	224	190	257	764	687	168	78	6 700
3	4 540	314	151	136	221	171	217	1 060	1 720	392	158	10 000
4 or more	1 554	116	110	58	39	67	41	203	285	316	319	12 500
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	81	18	-	-	5	6	11	26	9	-	6	...
1960 to 1968	711	31	14	21	5	27	39	111	254	171	38	12 100
1950 to 1959	1 264	98	30	74	37	45	50	274	385	173	98	10 300
1949 or earlier	7 623	968	472	442	372	414	514	1 656	1 706	766	313	8 100
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	599	62	25	11	32	39	28	199	112	61	30	8 500
1968	432	27	6	41	13	19	19	81	138	68	20	10 400
1960 to 1967	2 689	216	47	76	92	116	186	682	737	432	105	9 700
1959 or earlier	5 953	826	411	439	257	349	419	1 120	1 253	627	252	7 700
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	6 472	445	241	267	274	252	246	1 504	2 055	774	414	10 000
Clothes dryer	6 461	353	194	219	279	256	208	1 485	2 235	794	438	10 500
Dishwasher	1 822	21	21	44	-	43	65	308	633	355	332	13 200
Home food freezer	1 746	63	20	38	40	46	18	305	565	314	285	12 600
Owned second home	165	20	25	20	-	-	-	77	43	-	-	...
With air conditioning	2 406	104	90	58	74	113	125	454	646	508	234	11 400
Room units	1 927	80	77	47	74	99	111	382	541	389	127	10 900
Central system	479	24	13	11	-	14	14	72	105	119	107	14 400
Automobiles available:												
1	5 200	379	202	280	217	381	432	1 428	1 326	466	89	8 500
2	2 263	68	17	40	16	46	79	401	740	619	237	13 100
3 or more	333	18	-	-	-	-	14	46	101	81	73	14 400
<b>Renter occupied housing units</b>	<b>7 130</b>	<b>1 809</b>	<b>692</b>	<b>579</b>	<b>598</b>	<b>609</b>	<b>498</b>	<b>1 295</b>	<b>780</b>	<b>213</b>	<b>57</b>	<b>4 800</b>
<b>ROOMS</b>												
1 room	376	232	18	28	13	17	9	24	28	7	-	2000-
2 rooms	561	160	124	92	41	32	44	40	28	-	-	3 000
3 rooms	1 723	622	223	156	151	127	95	210	127	12	-	3 100
4 rooms	1 953	409	160	171	214	194	156	402	206	35	6	5 100
5 rooms	1 392	266	119	72	100	140	99	323	185	72	16	6 000
6 rooms or more	1 125	120	48	60	79	99	95	296	206	87	35	7 600
<b>PERSONS</b>												
1 person	2 465	1 139	312	267	207	120	143	163	77	22	15	2 300
2 persons	2 161	394	245	170	190	268	139	420	235	78	22	5 300
3 and 4 persons	1 779	195	83	102	159	161	146	496	373	49	15	7 300
5 persons	325	55	23	22	10	18	23	94	40	40	4	7 400
6 persons or more	400	26	29	18	32	42	47	122	55	24	5	7 100
Units with roomers, boarders, or lodgers	162	81	37	9	4	13	5	13	-	-	-	2 000
<b>BEDROOMS</b>												
None	375	270	-	45	-	-	-	-	-	-	-	...
1	2 898	1 054	421	253	276	187	103	319	266	19	-	2 900
2	2 502	548	147	144	290	205	175	649	326	18	-	5 600
3 or more	1 308	200	145	23	41	92	77	326	280	99	25	7 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	37	-	7	-	-	-	-	11	5	9	5	...
1960 to 1968	466	152	88	16	15	17	21	54	62	25	16	2 900
1950 to 1959	281	58	20	22	15	49	21	16	80	-	-	5 500
1949 or earlier	6 346	1 599	577	541	568	543	456	1 214	633	179	36	4 800
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 130	405	197	210	169	247	184	373	295	27	23	5 300
1968	829	236	84	35	70	71	47	194	53	39	-	4 900
1960 to 1967	2 691	739	305	231	203	184	215	444	263	92	15	4 300
1959 or earlier	1 465	372	111	134	120	156	110	229	136	68	29	5 000
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>												
Less than 15 percent	7 094	1 795	688	579	594	609	494	1 289	780	209	57	4 800
15 to 19 percent	2 168	-	29	44	92	174	196	807	615	174	37	9 000
20 to 24 percent	1 125	12	44	158	174	226	150	243	94	24	-	5 800
25 to 34 percent	708	27	122	131	166	72	65	102	23	-	-	4 400
35 percent or more	848	231	222	153	103	71	27	41	-	-	-	2 900
Not computed	1 636	1 274	234	59	20	29	11	9	-	-	-	2000-
609	251	37	34	39	37	37	45	87	48	11	20	3 500
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	2 527	416	256	123	115	231	150	613	462	136	25	6 800
Clothes dryer	2 330	339	233	137	108	176	156	634	409	113	25	7 100
Dishwasher	339	25	33	-	-	-	-	98	83	75	25	...
Home food freezer	680	219	38	-	-	-	-	198	153	34	-	7 700
Owned second home	172	40	38	-	18	-	20	198	35	42	-	...
With air conditioning	1 074	124	48	66	93	71	37	283	206	114	32	8 000
Room units	980	106	48	66	93	71	29	277	185	80	25	7 800
Central system	94	18	-	-	-	-	-	6	21	34	7	...
Automobiles available:												
1	3 266	312	185	187	263	434	360	882	486	122	35	6 700
2	531	39	9	19	34	31	27	135	137	77	23	9 400
3 or more	110	35	-	7	-	-	-	13	19	27	9	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

Wheeling	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
<b>Owner occupied housing units</b> .....	<b>9 679</b>	<b>9 567</b>	<b>5 814</b>	<b>3 337</b>	<b>368</b>	<b>48</b>	<b>112</b>	<b>76</b>	<b>36</b>	<b>--</b>	<b>--</b>
<b>PERSONS</b>											
1 person.....	1 631	1 562	1 554	8	--	--	69	57	12	--	--
2 persons.....	3 109	3 090	2 952	138	--	--	19	19	--	--	--
3 persons.....	1 703	1 693	1 037	651	5	--	10	--	10	--	--
4 persons.....	1 334	1 325	220	1 092	13	--	9	--	9	--	--
5 persons.....	947	947	51	819	53	24	--	--	--	--	--
6 persons or more.....	955	950	--	629	297	24	5	--	5	--	--
Median.....	2.6	2.6	2.0	4.3	6.6	...	1.3	...	...	...	...
Units with roomers, boarders, or lodgers.....	101	96	57	35	4	--	5	--	5	--	--
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970.....	84	80	53	20	7	--	4	--	4	--	--
1965 to 1968.....	256	256	124	132	--	--	--	--	--	--	--
1960 to 1964.....	429	429	214	183	32	--	--	--	--	--	--
1950 to 1959.....	1 276	1 262	688	522	52	--	14	--	14	--	--
1940 to 1949.....	561	561	344	210	7	--	--	--	--	--	--
1939 or earlier.....	7 067	6 968	4 401	2 263	280	24	99	77	22	--	--
<b>INCOME IN 1969</b>											
Less than \$2,000.....	1 115	1 049	907	133	9	--	66	49	17	--	--
\$2,000 to \$2,999.....	516	503	451	52	--	--	13	13	--	--	--
\$3,000 to \$3,999.....	537	532	440	73	6	13	5	5	--	--	--
\$4,000 to \$4,999.....	419	415	347	62	5	--	4	4	--	--	--
\$5,000 to \$5,999.....	492	492	340	147	5	--	--	--	--	--	--
\$6,000 to \$6,999.....	614	614	386	188	40	--	--	--	--	--	--
\$7,000 to \$9,999.....	2 067	2 058	1 079	873	97	9	9	--	9	--	--
\$10,000 to \$14,999.....	2 354	2 349	1 053	1 116	159	21	5	--	5	--	--
\$15,000 to \$24,999.....	1 110	1 110	568	501	41	--	--	--	--	--	--
\$25,000 or more.....	455	445	243	192	5	5	10	5	5	--	--
Median.....	\$8 700	\$8 700	\$7 100	\$10 600	\$10 700	...	\$2000--	...	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	8 221	8 159	4 920	2 896	314	29	62	47	15	--	--
Less than 1.5.....	3 515	3 500	1 613	1 659	208	20	15	5	10	--	--
1.5 to 1.9.....	1 449	1 444	816	543	76	9	5	--	--	--	--
2.0 to 2.4.....	811	797	512	266	19	--	14	14	--	--	--
2.5 to 2.9.....	560	554	387	161	6	--	6	11	--	--	--
3.0 to 3.9.....	584	573	453	120	--	--	5	11	--	--	--
4.0 or more.....	1 198	1 193	1 051	137	5	--	1	--	5	--	--
Not computed.....	104	98	88	10	--	--	6	6	--	--	--
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	786	781	524	219	31	7	5	5	--	--	--
Warm-air furnace.....	6 869	6 812	4 080	2 442	259	5	57	32	25	--	--
Built-in electric units.....	166	166	90	66	5	--	--	--	--	--	--
Floor, wall, or pipeless furnace.....	190	190	133	57	--	--	--	--	--	--	--
Other means.....	1 663	1 613	987	548	73	5	50	39	11	--	--
None.....	5	5	--	5	--	--	--	--	--	--	--
<b>Renter occupied housing units</b> .....	<b>7 130</b>	<b>6 708</b>	<b>3 575</b>	<b>2 696</b>	<b>324</b>	<b>113</b>	<b>422</b>	<b>188</b>	<b>202</b>	<b>9</b>	<b>23</b>
<b>PERSONS</b>											
1 person.....	2 465	2 174	1 965	209	--	--	291	157	134	--	--
2 persons.....	2 161	2 081	1 346	735	--	--	80	26	42	--	12
3 persons.....	1 009	972	217	750	--	5	37	5	26	--	6
4 persons.....	770	770	39	661	70	--	--	--	--	--	--
5 persons.....	325	325	8	230	67	20	--	--	--	--	--
6 persons or more.....	400	386	--	111	187	88	14	--	--	9	5
Median.....	2.0	2.1	1.4	3.0	5.8	7.1	1.2	1.1	1.3	...	...
Units with roomers, boarders, or lodgers.....	162	140	69	60	6	5	22	5	13	4	--
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970.....	40	40	16	24	--	--	--	--	--	--	--
1965 to 1968.....	207	200	89	111	--	--	7	7	--	--	--
1960 to 1964.....	251	251	109	109	27	6	--	--	--	--	--
1950 to 1959.....	319	310	130	157	23	--	9	--	9	--	--
1940 to 1949.....	596	596	329	223	44	--	--	--	--	--	--
1939 or earlier.....	5 702	5 280	2 889	2 061	243	87	422	206	194	--	22
<b>INCOME IN 1969</b>											
Less than \$2,000.....	1 809	1 589	1 045	495	36	13	220	104	116	--	--
\$2,000 to \$2,999.....	692	631	387	206	27	11	61	35	26	--	--
\$3,000 to \$3,999.....	579	532	336	164	28	4	47	20	22	--	5
\$4,000 to \$4,999.....	598	583	311	232	23	17	15	5	5	5	--
\$5,000 to \$5,999.....	609	583	303	250	19	11	26	14	5	--	7
\$6,000 to \$6,999.....	498	498	253	195	31	19	--	--	19	--	--
\$7,000 to \$9,999.....	1 295	1 262	493	645	103	21	33	5	19	4	5
\$10,000 to \$14,999.....	780	760	304	397	42	17	20	5	9	--	6
\$15,000 to \$24,999.....	213	213	97	101	15	--	--	--	--	--	--
\$25,000 or more.....	57	57	46	11	--	--	--	--	--	--	--
Median.....	\$4 800	\$5 000	\$4 100	\$6 000	\$6 900	\$6 000	\$2000--	\$2000--	\$2000--	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	7 094	6 672	3 562	2 678	319	113	422	188	202	9	23
Less than 10 percent.....	811	778	267	444	47	20	33	5	23	--	5
10 to 14 percent.....	1 357	1 317	555	642	96	24	40	16	17	--	7
15 to 19 percent.....	1 125	1 052	514	459	47	32	73	43	19	--	11
20 to 24 percent.....	708	683	342	283	41	17	25	19	6	--	--
25 to 34 percent.....	848	783	461	290	24	8	65	28	37	--	--
35 percent or more.....	1 636	1 498	1 011	439	41	7	138	53	81	4	--
Not computed.....	609	561	412	121	23	5	48	24	19	5	--
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	1 299	1 226	678	492	27	29	73	21	47	--	5
Warm-air furnace.....	2 217	2 172	1 190	881	95	6	45	9	23	--	13
Built-in electric units.....	220	215	129	75	6	5	5	5	--	--	--
Floor, wall, or pipeless furnace.....	182	177	69	97	--	--	11	5	5	--	--
Other means.....	3 196	2 908	1 509	1 141	196	62	288	142	132	9	5
None.....	16	10	--	10	--	--	6	6	--	--	--

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

<sup>2</sup>Excludes 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)

Wheeling	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b> Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 479	20	41	395	1 177	2 493	3 030	1 372	1 151	5.7
<b>PERSONS</b>	9 467	—	58	334	1 118	2 434	2 974	1 403	1 146	5.8
1 person	1 631	20	36	188	286	501	393	133	74	5.1
2 persons	3 109	—	—	138	527	880	968	322	274	5.5
3 persons	1 703	—	5	32	195	434	580	237	220	5.8
4 persons	1 334	—	—	13	107	317	410	267	220	6.1
5 persons	947	—	—	24	53	211	335	219	105	6.1
6 persons or more	955	—	—	—	9	150	344	194	258	6.4
Median	2.6	—	—	1.6	2.1	2.3	2.8	3.5	3.5	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	9 567	8	41	379	1 145	2 456	3 020	1 372	1 146	5.7
0.50 or less	5 814	—	36	172	795	1 344	1 936	692	839	5.8
0.51 to 1.00	3 337	8	—	170	288	962	967	648	294	5.7
1.01 to 1.50	368	—	5	13	58	140	111	28	13	5.3
1.51 or more	48	—	—	—	4	10	6	—	—	—
<b>Lacking some or all plumbing facilities</b>	112	12	—	24	32	37	10	—	—	—
0.50 or less	76	—	—	16	18	37	5	—	—	—
0.51 to 1.00	36	12	—	16	14	37	5	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>										
None and 1	714	22	—	410	164	79	39	—	—	3.3
2	2 850	—	—	78	944	1 254	364	152	58	4.8
3	4 540	—	—	—	82	1 151	2 478	614	215	5.9
4 or more	1 554	—	—	—	—	22	227	461	844	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	81	—	—	—	15	12	33	11	10	—
1960 to 1968	711	—	—	—	66	185	189	136	130	6.0
1950 to 1959	1 264	6	—	5	13	161	551	352	115	5.3
1949 or earlier	7 623	14	41	377	935	1 745	2 456	1 110	945	5.8
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	7 491	—	58	309	1 033	2 201	2 425	973	492	5.6
2 or more	1 989	—	—	32	85	233	555	430	654	6.7
None or also used by another household	193	14	—	36	63	50	19	4	7	4.2
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>										
Less than 1.5	8 221	8	5	170	758	2 134	2 821	1 278	1 047	5.9
1.5 to 1.9	3 515	—	5	78	365	845	1 230	523	469	5.9
2.0 to 2.9	1 449	—	—	9	75	388	540	260	177	6.0
3.0 or more	1 371	—	—	16	134	356	421	233	211	5.9
Not computed	1 782	8	—	61	171	511	588	258	185	5.7
	104	—	—	6	13	34	42	4	5	5.5
<b>Renter occupied housing units</b> Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	7 130	374	561	1 723	1 953	1 392	813	128	184	4.0
<b>PERSONS</b>	6 340	132	425	1 496	1 866	1 337	822	109	153	4.1
1 person	2 465	343	393	862	542	230	70	—	25	3.1
2 persons	2 161	12	168	609	677	390	219	45	41	3.9
3 persons	1 009	11	—	139	352	285	175	6	41	4.5
4 persons	770	—	—	70	249	262	136	14	39	4.8
5 persons	325	—	—	20	67	122	87	16	13	4.1
6 persons or more	400	10	—	23	66	103	126	47	25	5.5
Median	2.0	1.0	1.2	1.5	2.1	2.8	3.2	4.4	3.1	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	6 708	219	453	1 651	1 906	1 373	799	123	184	4.0
0.50 or less	3 575	—	319	809	1 187	610	450	46	154	4.1
0.51 to 1.00	2 696	209	134	729	591	664	280	59	30	4.0
1.01 to 1.50	324	—	—	70	104	82	50	18	—	4.4
1.51 or more	113	10	—	43	24	17	19	—	—	3.6
<b>Lacking some or all plumbing facilities</b>	422	157	108	72	47	19	14	—	—	2.0
0.50 or less	188	—	74	53	32	10	14	—	—	2.9
0.51 to 1.00	202	134	34	19	10	5	—	—	—	1.3
1.01 to 1.50	9	—	—	—	—	—	—	—	—	—
1.51 or more	23	23	—	—	—	4	—	—	—	—
<b>BEDROOMS</b>										
None	375	330	19	26	—	—	—	—	—	—
1	2 898	—	549	1 763	416	170	—	—	—	3.0
2	2 502	—	—	158	1 386	763	195	—	—	4.3
3 or more	1 308	—	—	—	23	428	457	156	244	5.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	37	—	—	7	5	15	10	—	—	—
1960 to 1968	466	42	62	92	94	122	48	—	—	—
1950 to 1959	281	12	14	71	90	53	25	11	5	3.9
1949 or earlier	6 346	322	485	1 553	1 764	1 202	730	111	179	4.0
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	6 204	235	450	1 508	1 878	1 306	691	69	67	4.0
2 or more	331	—	—	6	13	48	131	40	93	6.3
None or also used by another household	580	149	128	113	107	45	29	9	—	2.6
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>										
Less than 10 percent	7 094	374	561	1 714	1 945	1 378	808	128	184	4.0
10 to 14 percent	811	43	61	176	251	164	76	20	20	4.0
15 to 19 percent	1 357	60	62	292	415	282	184	31	31	4.1
20 to 24 percent	1 125	23	109	247	319	253	150	9	15	4.1
25 to 34 percent	708	24	63	143	198	146	108	17	9	4.1
35 percent or more	848	44	95	258	215	139	97	—	—	3.6
Not computed	1 636	145	155	496	427	274	111	18	10	3.6
	609	37	16	102	120	120	82	33	99	4.7

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

<sup>2</sup>Excludes one-family homes on 10 acres or more.

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

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

Wheeling	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	9 679	8 392	1 216	71	7 130	2 014	1 941	1 439	866	420	450	-
<b>ROOMS</b>												
1 room	20	8	6	6	376	19	6	26	71	60	194	-
2 rooms	41	14	27	-	561	46	99	156	96	68	96	-
3 rooms	395	175	210	10	1 723	258	509	508	268	110	70	-
4 rooms	1 177	782	365	30	1 953	480	688	395	253	90	47	-
5 rooms	2 493	2 172	301	20	1 392	479	416	274	117	77	29	-
6 rooms	3 030	2 863	167	-	813	495	195	48	56	15	4	-
7 rooms	1 372	1 292	75	5	128	108	11	9	-	-	-	-
8 rooms or more	1 151	1 086	65	-	184	129	17	23	5	-	10	-
Median	5.7	5.9	4.5	...	4.0	4.9	4.0	3.6	3.5	3.2	1.8	-
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	9 567	8 330	1 183	54	6 708	1 943	1 883	1 374	778	342	388	-
0.50 or less	5 814	5 015	775	24	3 575	964	1 010	769	466	231	135	-
0.51 to 1.00	3 337	2 955	357	25	2 696	806	761	532	256	97	244	-
1.01 to 1.50	368	331	32	5	324	137	98	48	32	5	4	-
1.51 or more	48	29	19	-	113	36	14	25	24	9	5	-
Lacking some or all plumbing facilities	112	62	33	17	422	71	58	65	88	78	62	-
0.50 or less	76	47	23	6	188	62	32	46	29	13	6	-
0.51 to 1.00	36	15	10	11	202	5	21	19	54	59	44	-
1.01 to 1.50	-	-	-	-	9	4	5	-	-	-	-	-
1.51 or more	-	-	-	-	23	-	-	-	5	6	12	-
<b>BEDROOMS</b>												
None	22	22	-	-	375	-	-	40	125	95	115	-
1	492	215	456	21	2 898	225	955	899	411	191	217	-
2	2 850	2 387	422	41	2 502	645	777	511	408	97	64	-
3	4 540	4 177	363	-	959	510	227	148	25	49	-	-
4 or more	1 554	1 429	125	-	349	245	64	21	-	-	19	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	81	66	5	10	37	25	-	-	5	-	7	-
1965 to 1968	254	225	9	20	201	35	5	17	17	35	92	-
1960 to 1964	457	441	5	11	245	88	29	66	21	30	31	-
1950 to 1959	1 264	1 234	5	25	281	153	43	37	20	14	14	-
1940 to 1949	580	538	42	-	583	173	92	60	166	82	10	-
1939 or earlier	7 043	5 888	1 150	5	5 763	1 540	1 772	1 259	637	259	296	-
<b>INCOME IN 1969</b>												
Less than \$2,000	1 115	826	262	27	1 809	352	419	358	306	171	203	-
\$2,000 to \$2,999	516	415	96	5	492	162	175	198	55	28	74	-
\$3,000 to \$3,999	537	421	112	4	579	102	127	166	88	64	32	-
\$4,000 to \$4,999	419	327	87	5	598	149	163	138	86	14	48	-
\$5,000 to \$5,999	492	457	35	-	609	185	237	128	31	15	13	-
\$6,000 to \$6,999	614	551	63	-	498	176	153	117	29	23	-	-
\$7,000 to \$9,999	2 067	1 853	209	5	1 295	477	362	227	159	36	34	-
\$10,000 to \$14,999	2 354	2 111	228	15	780	291	229	101	70	48	41	-
\$15,000 to \$24,999	1 110	990	110	10	213	90	70	6	26	16	5	-
\$25,000 or more	455	441	14	-	57	30	6	-	16	5	-	-
Median	\$8 700	\$8 900	\$6 300	...	\$4 800	\$6 300	\$5 400	\$4 000	\$3 800	\$3 200	\$2 300	-
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	599	481	95	23	2 130	590	514	469	289	155	113	-
1968	432	388	39	5	829	219	212	110	152	44	92	-
1967	410	373	29	8	674	184	183	110	52	57	88	-
1965 and 1966	687	618	64	5	857	256	245	186	75	56	39	-
1960 to 1964	1 592	1 484	103	5	1 160	307	351	236	137	55	74	-
1950 to 1959	2 570	2 314	243	13	831	275	243	153	94	38	28	-
1949 or earlier	3 383	2 787	589	7	634	276	182	111	38	20	7	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	7 094	1 978	1 941	1 439	866	420	450	-
Less than \$50	...	...	...	...	1 287	196	211	302	250	151	177	-
\$50 to \$59	...	...	...	...	962	213	266	200	136	49	98	-
\$60 to \$69	...	...	...	...	858	136	296	268	96	28	34	-
\$70 to \$79	...	...	...	...	874	194	277	257	90	18	38	-
\$80 to \$99	...	...	...	...	1 172	384	350	248	122	43	25	-
\$100 to \$119	...	...	...	...	690	197	293	86	61	27	26	-
\$120 to \$149	...	...	...	...	434	190	89	43	50	42	20	-
\$150 to \$199	...	...	...	...	272	122	38	17	31	42	22	-
\$200 to \$299	...	...	...	...	104	50	15	5	14	15	5	-
\$300 or more	...	...	...	...	441	296	106	13	16	5	5	-
No cash rent	...	...	...	...	73	85	75	68	64	63	55	-
Median	...	...	...	...	...	...	...	...	...	...	...	-
<b>HEATING EQUIPMENT</b>												
Steam or hot water	786	602	184	-	1 299	151	107	165	342	201	333	-
Warm-air furnace	6 869	6 211	612	46	2 217	840	750	385	116	84	42	-
Built-in electric units	166	156	5	5	220	52	15	22	35	46	50	-
Floor, wall, or pipeless furnace	190	175	10	5	182	89	26	56	11	-	-	-
Other means	1 663	1 248	400	15	3 196	877	1 043	811	357	89	19	-
None	5	-	5	-	16	5	-	-	5	-	6	-
<b>AIR CONDITIONING</b>												
Room unit(s)	1 927	1 738	175	14	980	329	260	140	138	43	70	-
Central system	479	467	12	-	94	47	-	6	6	23	12	-
None	7 267	6 240	975	52	6 041	1 731	1 670	1 229	693	359	359	-
<b>AUTOMOBILES AVAILABLE</b>												
1	5 200	4 537	627	36	3 266	1 217	965	533	319	133	99	-
2	2 263	2 118	132	13	531	223	162	64	43	33	6	-
3 or more	333	299	30	4	110	70	26	14	-	-	-	-
None	1 877	1 491	373	13	3 208	597	777	764	475	259	336	-

<sup>1</sup>Excludes 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]

Wheeling	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		
<b>Owner occupied housing units</b>	9 679	78	674	1 410	3 292	1 236	229	157	528	444	677	954
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	9 567	78	669	1 405	3 283	1 221	229	157	523	440	656	966
0.50 or less	5 814	31	173	254	1 837	999	123	136	342	365	656	898
0.51 to 1.00	3 337	47	441	940	1 335	209	91	21	170	75	—	8
1.01 to 1.50	368	—	55	183	111	4	15	—	—	—	—	—
1.51 or more	48	—	—	28	—	9	—	—	—	—	—	—
Lacking some or all plumbing facilities	112	—	5	5	9	15	—	—	11	—	—	—
0.50 or less	76	—	—	—	—	—	—	—	5	—	4	21
0.51 to 1.00	36	—	5	5	9	15	—	—	—	—	4	41
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	36
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	12
<b>UNITS IN STRUCTURE</b>												
1	8 392	63	607	1 326	2 962	1 032	207	146	441	374	495	739
2 or more	1 216	15	57	79	320	195	17	11	82	70	171	199
Mobile home or trailer	71	—	10	5	10	9	5	—	5	—	11	16
<b>INCOME IN 1969</b>												
Less than \$2,000	1 115	4	11	22	53	132	15	10	80	108	191	489
\$2,000 to \$2,999	516	10	5	4	37	131	—	15	25	41	74	174
\$3,000 to \$3,999	537	—	6	23	72	172	—	5	37	38	84	89
\$4,000 to \$4,999	419	6	—	19	67	75	11	9	57	24	97	56
\$5,000 to \$5,999	492	6	27	35	150	96	9	9	62	17	32	34
\$6,000 to \$6,999	614	4	33	94	201	94	15	14	45	22	62	44
\$7,000 to \$9,999	2 067	26	239	385	850	196	40	17	106	88	94	26
\$10,000 to \$14,999	2 354	22	240	532	1 100	168	70	36	90	53	22	21
\$15,000 to \$24,999	1 110	—	82	220	566	101	28	16	20	35	21	21
\$25,000 or more	455	—	31	76	196	71	22	35	6	18	—	—
Median	\$8 700	...	\$10 300	\$11 200	\$11 000	\$6 100	\$10 400	\$11 200	\$6 100	\$5 600	\$3 900	\$2 000
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	8 221	63	596	1 293	2 893	1 027	202	146	428	369	481	723
Less than 1.5	3 515	25	282	691	1 564	309	122	77	133	141	89	62
1.5 to 1.9	1 449	15	136	291	596	191	21	26	68	37	52	16
2.0 to 2.4	811	17	65	159	254	139	19	14	35	—	50	59
2.5 to 2.9	560	—	52	84	162	87	—	9	53	38	43	32
3.0 to 3.9	584	6	38	27	153	93	12	5	51	45	64	90
4.0 or more	1 198	—	23	41	155	203	28	15	70	91	158	414
Not computed	104	—	—	—	9	5	—	—	18	17	25	30
<b>Renter occupied housing units</b>	7 130	560	752	474	1 073	462	170	66	855	253	1 241	1 224
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	6 708	544	736	467	1 047	453	152	57	836	242	1 085	1 089
0.50 or less	3 575	167	152	58	415	256	64	39	415	139	1 011	954
0.51 to 1.00	2 696	352	489	280	553	189	84	18	433	89	74	135
1.01 to 1.50	324	25	51	94	79	5	—	—	—	—	—	—
1.51 or more	113	—	44	35	—	3	—	—	66	4	—	—
Lacking some or all plumbing facilities	422	16	16	7	26	9	4	—	17	10	—	—
0.50 or less	188	—	—	—	—	—	—	—	9	9	—	—
0.51 to 1.00	202	11	11	—	20	4	—	—	19	11	156	135
1.01 to 1.50	9	—	5	—	—	—	—	—	4	—	83	74
1.51 or more	23	5	—	7	6	—	—	—	—	—	73	61
<b>UNITS IN STRUCTURE</b>												
1	2 014	74	301	228	461	148	45	24	254	69	232	178
2 to 4	3 380	363	353	175	487	193	87	28	398	136	573	587
5 to 19	1 286	104	82	55	107	71	28	14	184	24	347	270
20 or more	450	19	16	18	50	10	10	—	19	24	89	189
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	7 094	556	752	468	1 065	458	170	66	846	253	1 241	1 219
Less than \$50	1 287	27	14	29	84	65	42	13	213	53	266	481
\$50 to \$59	962	44	43	27	126	50	17	15	118	41	257	224
\$60 to \$69	858	57	42	49	135	68	44	8	132	51	134	138
\$70 to \$79	874	108	88	45	186	82	4	5	96	27	167	66
\$80 to \$99	1 172	132	166	127	200	88	13	5	122	47	157	115
\$100 to \$119	690	109	163	48	96	28	22	—	60	—	95	69
\$120 to \$149	434	49	89	51	91	10	14	—	29	—	57	44
\$150 to \$199	272	20	81	41	54	10	6	—	4	—	36	15
\$200 to \$299	104	5	21	5	29	10	5	—	—	—	10	5
\$300 or more	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	441	5	45	46	64	47	3	20	72	15	62	62
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	7 094	556	752	468	1 065	458	170	66	846	253	1 241	1 219
Less than \$5,000	3 656	192	81	84	197	292	85	36	574	195	831	1 089
Less than 20 percent	553	33	13	21	64	48	21	8	74	13	168	90
20 to 24 percent	446	45	9	18	14	64	12	5	87	26	125	41
25 to 34 percent	709	53	21	14	31	101	20	—	107	35	123	204
35 percent or more	1 587	50	24	27	65	55	29	14	265	111	303	644
Not computed	361	11	14	4	23	24	3	9	41	10	112	110
\$5,000 to \$9,999	2 392	293	444	254	533	112	53	24	212	41	112	89
Less than 20 percent	1 796	238	314	167	438	68	53	19	136	32	269	62
20 to 24 percent	239	29	55	40	41	20	—	—	18	—	26	10
25 to 34 percent	139	14	34	20	17	—	—	—	—	—	—	—
35 percent or more	49	12	6	5	6	10	—	—	28	—	21	5
Not computed	169	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$14,999	780	71	191	101	226	34	21	—	47	—	21	6
Less than 20 percent	709	71	185	73	207	34	21	—	38	—	48	29
20 to 24 percent	23	—	6	4	9	—	—	—	—	—	39	29
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	48	—	—	—	—	—	—	—	—	—	—	—
\$15,000 or more	266	—	36	29	109	20	11	6	13	5	25	12
Less than 20 percent	235	—	36	29	98	11	11	—	8	5	25	12
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	31	—	—	—	11	9	—	—	—	—	—	—

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

<sup>2</sup>Excludes 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)

Wheeling	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b> .....	<b>9 679</b>	<b>1 631</b>	<b>3 109</b>	<b>1 703</b>	<b>1 334</b>	<b>947</b>	<b>616</b>	<b>224</b>	<b>115</b>	<b>2.6</b>
<b>BEDROOMS</b>										
None and 1 .....	714	351	342	—	—	21	—	—	—	1.5
2 .....	2 850	638	1 181	602	298	109	22	—	—	2.2
3 .....	4 540	427	1 250	903	698	661	433	82	86	3.2
4 or more .....	1 554	149	346	251	241	133	226	106	102	3.6
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	81	17	16	22	21	—	—	5	—	...
1965 to 1968 .....	254	14	46	85	59	48	22	10	5	3.8
1960 to 1964 .....	457	53	100	85	115	65	29	10	—	3.4
1950 to 1959 .....	1 264	173	389	247	183	159	64	40	9	2.8
1940 to 1949 .....	580	60	230	100	103	28	44	5	10	2.5
1939 or earlier .....	7 043	1 314	2 328	1 199	853	647	457	154	91	2.4
<b>UNITS IN STRUCTURE</b>										
1 .....	8 392	1 234	2 653	1 529	1 211	842	597	219	107	2.7
2 or more .....	1 216	370	447	154	108	105	19	5	8	2.0
Mobile home or trailer .....	71	27	9	20	15	—	—	—	—	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	7 491	1 282	2 489	1 324	959	722	462	176	77	2.5
2 and 2 1/2 .....	1 764	213	446	329	349	243	98	69	17	3.2
3 or more .....	225	40	101	15	34	13	14	8	—	2.2
None or also used by another household .....	193	127	28	17	8	6	—	—	—	1.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>8 048</b>	...	<b>3 109</b>	<b>1 703</b>	<b>1 334</b>	<b>947</b>	<b>616</b>	<b>224</b>	<b>115</b>	<b>3.0</b>
Male head, wife present, no nonrelatives .....	6 690	...	2 422	1 297	1 197	881	569	219	105	3.2
Under 25 years .....	78	...	27	29	12	10	—	—	—	...
25 to 34 years .....	674	...	54	111	235	176	59	29	10	4.2
35 to 44 years .....	1 410	...	107	120	397	289	313	120	64	4.8
45 to 64 years .....	3 292	...	1 320	810	519	366	189	57	31	2.9
65 years and over .....	1 236	...	914	227	34	40	8	13	—	2.2
Other male head .....	386	...	180	107	37	21	36	—	5	2.6
Under 65 years .....	229	...	81	64	37	15	27	—	5	3.0
65 years and over .....	157	...	99	43	—	6	9	—	—	2.3
Female head .....	972	...	507	299	100	45	11	5	5	2.5
Under 65 years .....	528	...	263	158	60	30	7	5	5	2.5
65 years and over .....	444	...	244	141	40	15	4	—	—	2.4
<b>One-person households</b> .....	<b>1 631</b>	<b>1 631</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup> .....	8 221	1 204	2 602	1 506	1 202	813	579	215	100	2.7
Less than 1.5 .....	3 515	171	899	782	627	471	387	125	53	3.4
1.5 to 1.9 .....	1 449	68	501	290	185	201	119	52	33	3.0
2.0 to 2.4 .....	811	109	309	130	134	62	35	18	14	2.5
2.5 to 2.9 .....	560	75	220	102	87	33	28	15	—	2.4
3.0 to 3.9 .....	584	154	273	55	77	19	6	—	—	2.0
4.0 or more .....	1 198	572	365	143	82	27	4	5	—	1.6
Not computed .....	104	55	35	4	10	—	—	—	—	1.4
<b>Renter occupied housing units</b> .....	<b>7 130</b>	<b>2 465</b>	<b>2 161</b>	<b>1 009</b>	<b>770</b>	<b>325</b>	<b>212</b>	<b>100</b>	<b>88</b>	<b>2.0</b>
<b>BEDROOMS</b>										
None .....	375	334	19	—	—	—	—	22	—	...
1 .....	2 898	1 596	972	218	42	54	16	—	—	1.4
2 .....	2 502	502	890	487	476	70	54	23	—	2.3
3 or more .....	1 308	89	221	213	344	219	82	55	85	3.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	37	12	5	5	15	—	—	—	—	...
1965 to 1968 .....	201	84	79	22	11	—	5	—	—	1.7
1960 to 1964 .....	265	60	106	14	20	28	21	5	11	2.2
1950 to 1959 .....	281	62	78	74	39	10	12	—	6	2.5
1940 to 1949 .....	583	145	201	99	65	23	27	23	—	2.2
1939 or earlier .....	5 763	2 102	1 692	795	620	264	147	72	71	2.0
<b>UNITS IN STRUCTURE</b>										
1 .....	2 014	410	553	397	272	184	106	49	43	2.6
2 .....	1 941	568	659	292	268	65	55	22	12	2.1
3 and 4 .....	1 439	592	448	139	172	37	29	5	17	1.8
5 to 9 .....	866	377	282	85	45	29	22	15	11	1.7
10 to 19 .....	420	240	95	52	13	10	—	5	5	1.4
20 or more .....	450	278	124	44	—	—	—	4	—	1.3
Mobile home or trailer .....	—	—	—	—	—	—	—	—	—	—
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	6 204	2 062	1 965	961	640	282	170	62	62	2.0
2 or more .....	331	52	59	25	60	32	62	27	14	4.0
None or also used by another household .....	580	337	175	43	25	—	—	—	—	1.4
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>4 645</b>	...	<b>2 161</b>	<b>1 009</b>	<b>770</b>	<b>325</b>	<b>212</b>	<b>100</b>	<b>88</b>	<b>2.7</b>
Male head, wife present, no nonrelatives .....	3 321	...	1 406	751	612	239	169	65	79	2.8
Under 25 years .....	560	...	309	150	94	—	7	—	—	2.4
25 to 34 years .....	752	...	162	199	215	74	57	6	39	3.6
35 to 44 years .....	474	...	64	75	124	80	72	19	40	4.3
45 to 64 years .....	1 073	...	496	258	169	85	28	37	—	2.7
65 years and over .....	462	...	375	69	10	—	5	3	—	2.1
Other male head .....	236	...	178	19	9	14	—	12	4	2.2
Under 65 years .....	170	...	132	14	4	9	—	7	4	2.1
65 years and over .....	66	...	46	5	5	5	—	5	—	...
Female head .....	1 108	...	577	239	149	72	43	23	5	2.5
Under 65 years .....	855	...	391	199	140	67	38	15	5	2.7
65 years and over .....	253	...	186	40	9	5	5	8	—	2.2
<b>One-person households</b> .....	<b>2 465</b>	<b>2 465</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup> .....	7 094	2 460	2 149	1 009	751	325	212	100	88	2.0
Less than 10 percent .....	811	128	284	156	146	58	19	5	15	2.5
10 to 14 percent .....	1 357	260	442	286	143	96	91	22	17	2.4
15 to 19 percent .....	1 125	306	358	184	154	48	25	13	37	2.2
20 to 24 percent .....	708	206	225	93	110	24	16	24	10	2.2
25 to 34 percent .....	848	353	288	98	72	17	6	10	4	1.7
35 percent or more .....	1 636	953	376	128	73	58	23	20	5	1.4
Not computed .....	609	254	176	64	53	24	32	6	—	1.8

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

<sup>2</sup>Excludes 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]

Wheeling					Wheeling				
	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
<b>Vacant for sale</b> .....	<b>143</b>	<b>35</b>	<b>33</b>	<b>75</b>	<b>Vacant for rent</b> .....	<b>526</b>	<b>257</b>	<b>114</b>	<b>155</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	16	3	—	13	1 room .....	35	15	17	3
4 rooms .....	28	9	4	15	2 rooms .....	28	23	5	—
5 rooms .....	39	9	10	20	3 rooms .....	134	69	32	33
6 rooms .....	42	14	15	13	4 rooms .....	202	102	45	55
7 rooms or more .....	18	—	4	14	5 rooms .....	51	23	6	22
					6 rooms .....	54	10	9	35
					7 rooms or more .....	22	15	—	7
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	138	35	33	70	With all plumbing facilities .....	475	235	97	143
Lacking some or all plumbing facilities .....	5	—	—	5	Lacking some or all plumbing facilities .....	51	22	17	12
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	26	12	—	14	None .....	80	51	29	—
2 .....	38	—	13	25	1 .....	186	165	—	21
3 .....	55	13	15	27	2 .....	185	93	63	29
4 or more .....	—	—	—	—	3 or more .....	88	29	29	30
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	8	5	—	3	1969 to March 1970 .....	14	14	—	—
1960 to 1968 .....	12	3	—	9	1960 to 1968 .....	29	24	—	5
1950 to 1959 .....	5	—	—	5	1950 to 1959 .....	8	4	—	4
1949 or earlier .....	118	27	33	58	1949 or earlier .....	475	215	114	146
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	95	21	24	50	1 .....	68	28	14	26
2 or more .....	48	14	9	25	2 to 4 .....	241	103	57	61
					5 to 9 .....	137	82	26	29
					10 to 19 .....	19	6	—	13
					20 or more .....	61	38	17	6
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	—	—	—	—	<b>Specified vacant for rent?</b>				
Warm-air furnace .....	55	13	4	38	Less than \$50 .....	526	257	114	155
Build-in electric units .....	21	8	4	9	\$50 to \$59 .....	227	81	92	54
Floor, wall, or pipeless furnace .....	6	3	—	3	\$60 to \$79 .....	105	57	17	31
Other means .....	61	11	25	25	\$80 to \$99 .....	103	58	—	45
None .....	—	—	—	—	\$100 to \$119 .....	28	16	5	7
					\$120 to \$149 .....	22	10	—	12
					\$150 to \$199 .....	14	8	—	6
					\$200 or more .....	27	27	—	—
<b>SALES PRICE ASKED</b>					Median rent asked .....	\$53	\$58	\$40	\$58
<b>Specified vacant for sale<sup>1</sup></b>									
Less than \$5,000 .....	90	21	24	45					
\$5,000 to \$9,999 .....	18	—	10	8					
\$10,000 to \$14,999 .....	26	7	6	13					
\$15,000 to \$19,999 .....	23	4	—	19					
\$20,000 to \$24,999 .....	10	—	—	—					
\$25,000 to \$34,999 .....	4	—	—	—					
\$35,000 to \$49,999 .....	5	—	4	—					
\$50,000 or more .....	4	—	—	5					
Median price asked .....	—	—	—	—					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

Wheeling	Sales price asked—Vacant for sale <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	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
<b>Total</b> .....	<b>90</b>	<b>44</b>	<b>23</b>	<b>10</b>	<b>—</b>	<b>4</b>	<b>9</b>	<b>526</b>	<b>332</b>	<b>103</b>	<b>28</b>	<b>34</b>	<b>27</b>	<b>—</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	69	29	40	—	—	—	—	409	236	101	29	22	21	—
Lacking some or all plumbing facilities .....	—	—	—	—	—	—	—	130	88	21	21	—	—	—
<b>BEDROOMS</b>														
None and 1 .....	14	14	—	—	—	—	—	266	131	92	21	22	—	—
2 .....	—	—	—	—	—	—	—	185	164	—	—	—	21	—
3 .....	55	15	40	—	—	—	—	30	—	30	—	—	—	—
4 or more .....	—	—	—	—	—	—	—	58	29	—	29	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	8	3	—	5	—	—	—	14	—	—	—	14	—	—
1960 to 1968 .....	5	5	—	—	—	—	—	29	5	5	—	—	—	—
1950 to 1959 .....	5	—	5	—	—	—	—	8	4	—	4	—	19	—
1949 or earlier .....	72	36	18	5	—	4	9	475	323	98	24	22	8	—
<b>UNITS IN STRUCTURE</b>														
1 .....	—	—	—	—	—	—	—	68	47	13	8	—	—	—
2 to 4 .....	—	—	—	—	—	—	—	241	166	41	9	17	8	—
5 to 19 .....	—	—	—	—	—	—	—	156	86	40	11	19	—	—
20 or more .....	—	—	—	—	—	—	—	61	33	9	—	—	19	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	—	—	—	—	—	—	—	160	113	19	5	23	—	—
Some or no utilities included .....	—	—	—	—	—	—	—	366	219	84	23	13	27	—

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

## Appendix A.—AREA CLASSIFICATIONS

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

### USUAL PLACE OF RESIDENCE

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

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

### COUNTIES

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

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

### PLACES

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

### STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

## Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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### GENERAL

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

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

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

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

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

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

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

**LIVING QUARTERS**

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

### OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

#### STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

## HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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><b>A.</b> How many living quarters, occupied and vacant, are at this address?</p> <p> <input type="radio"/> One  <input type="radio"/> 2 apartments or living quarters  <input type="radio"/> 3 apartments or living quarters  <input type="radio"/> 4 apartments or living quarters  <input type="radio"/> 5 apartments or living quarters  <input type="radio"/> 6 apartments or living quarters  <input type="radio"/> 7 apartments or living quarters  <input type="radio"/> 8 apartments or living quarters  <input type="radio"/> 9 apartments or living quarters  <input type="radio"/> 10 or more apartments or living quarters  <input type="radio"/> This is a mobile home or trailer         </p> <p style="text-align: center;"><i>Answer these questions for your living quarters</i></p> <p><b>H1.</b> Is there a telephone on which people in your living quarters can be called?</p> <p> <input type="radio"/> Yes — What is the number? _____  <span style="margin-left: 150px;">Phone number</span> </p> <p><b>H2.</b> Do you enter your living quarters—</p> <p> <input type="radio"/> Directly from the outside or through a common or public hall?  <input type="radio"/> Through someone else's living quarters?         </p> <p><b>H3.</b> Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No complete kitchen facilities for this household         </p> <p><b>H4.</b> How many rooms do you have in your living quarters? Do not count bedrooms, 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><b>H5.</b> Is there hot and cold piped water in this building?</p> <p> <input type="radio"/> Yes, hot and cold piped water in this building  <input type="radio"/> No, only cold piped water in this building  <input type="radio"/> No piped water in this building         </p> <p><b>H6.</b> Do you have a flush toilet?</p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No flush toilet         </p> <p><b>H7.</b> Do you have a bathtub or shower?</p> <p> <input type="radio"/> Yes, for this household only  <input type="radio"/> Yes, but also used by another household  <input type="radio"/> No bathtub or shower         </p> <p><b>H8.</b> Is there a basement in this building?</p> <p> <input type="radio"/> Yes  <input type="radio"/> No, built on a concrete slab  <input type="radio"/> No, built in another way (include mobile homes and trailers)         </p>	<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><b>H9.</b> Are your living quarters—</p> <p> <input type="radio"/> Owned or being bought by you or by someone else in this household? Do not include cooperatives and condominiums here.  <input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?  <input type="radio"/> Rented for cash rent?  <input type="radio"/> Occupied without payment of cash rent?         </p> <p><b>H10a.</b> Is this building a one-family house?</p> <p> <input type="radio"/> Yes, a one-family house  <input type="radio"/> No, a building for 2 or more families or a mobile home or trailer         </p> <p><b>b.</b> If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p> <input type="radio"/> Yes, 10 acres or more  <input type="radio"/> Yes, commercial establishment or medical office  <input type="radio"/> No, none of the above         </p> <p><b>H11.</b> 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><b>H12.</b> Answer this question if you pay rent for your living quarters.</p> <p><b>a.</b> 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> </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> </tr> </table> <p><b>b.</b> If rent is not paid by the month—What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____ (Nearest dollar) (Week, half-month, year, etc.)</p>	<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	<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 border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th style="width: 50%;">a4. 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Type of unit or quarters</b></p> <p><b>Occupied</b></p> <p> <input type="radio"/> First form  <input type="radio"/> Continuation         </p> <p><b>Vacant</b></p> <p> <input type="radio"/> Regular  <input type="radio"/> Usual residence elsewhere         </p> <p><b>Group quarters</b></p> <p> <input type="radio"/> First form  <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><b>C. Vacancy status</b></p> <p><b>Year round—</b></p> <p> <input type="radio"/> For rent  <input type="radio"/> For sale only  <input type="radio"/> Rented or sold, not occupied  <input type="radio"/> Held for occasional use  <input type="radio"/> Other vacant         </p> <p> <input type="radio"/> Seasonal  <input type="radio"/> Migratory         </p> <p><b>D. Months vacant</b></p> <p> <input type="radio"/> Less than 1 month  <input type="radio"/> 1 up to 2 months  <input type="radio"/> 2 up to 6 months  <input type="radio"/> 6 up to 12 months  <input type="radio"/> 1 year up to 2 years  <input type="radio"/> 2 years or more         </p> <p>C/O <input type="radio"/> <input type="radio"/></p>	a4. Block number	a5. Serial number	0 0 0 0	0 0 0 0 0	1 0 0 0	1 0 0 0 1	2 0 0 0	2 0 0 0 2	3 0 0 0	3 0 0 0 3	4 0 0 0	4 0 0 0 4	5 0 0 0	5 0 0 0 5	6 0 0 0	6 0 0 0 6	7 0 0 0	7 0 0 0 7	8 0 0 0	8 0 0 0 8	9 0 0 0	9 0 0 0 9
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APPENDIX B—Continued

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

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters.</p> <p>In addition to the rent entered in H12, do you also pay for—</p> <p><b>a. Electricity?</b></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>b. Gas?</b></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><b>c. Water?</b></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><b>d. Oil, coal, kerosene, wood, etc.?</b></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><b>H19.</b> 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><input checked="" type="checkbox"/></p> <p><b>H20.</b> 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><b>H14.</b> How are your living quarters heated?</p> <p>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 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><b>H21.</b> How many bathrooms do you have?</p> <p>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</p> <p>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><input checked="" type="checkbox"/></p>
<p><b>H15.</b> 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><b>H22.</b> 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><b>H16.</b> Which best describes this building?</p> <p>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><b>H23.</b> 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><input checked="" type="checkbox"/></p>
<p><b>H17.</b> 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><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)      <input checked="" type="checkbox"/> <input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$50 to \$249      <input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$250 to \$2,499      <input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

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

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00  <input type="radio"/> No, included in rent  <input type="radio"/> No, electricity not used  <i>Average monthly cost</i></p> <p>b. Gas?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00  <input type="radio"/> No, included in rent  <input type="radio"/> No, gas not used  <i>Average monthly cost</i></p> <p>c. Water? <input checked="" type="checkbox"/>  <input type="radio"/> Yes, yearly cost is → \$ _____ .00  <input type="radio"/> No, included in rent or no charge  <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.?  <input type="radio"/> Yes, yearly cost is → \$ _____ .00  <input type="radio"/> No, included in rent  <input type="radio"/> No, these fuels not used  <i>Yearly cost</i></p>	<p><b>H24a.</b> 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>b.</b> If 4 or more stories— Is there a passenger elevator in this building?  <input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H14.</b> How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump <input 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><b>H25a.</b> Which fuel is used most for cooking?  <input checked="" type="checkbox"/> From underground pipes serving the neighborhood.      Gas <input type="checkbox"/> Bottled, tank, or LP  <input type="checkbox"/> Electricity  <input type="checkbox"/> Fuel oil, kerosene, etc.  <input type="radio"/> Coal or coke  <input type="radio"/> Wood  <input type="radio"/> Other fuel  <input type="radio"/> No fuel used</p> <p><b>b.</b> Which fuel is used most for house heating?  <input checked="" type="checkbox"/> From underground pipes serving the neighborhood.      Gas <input type="checkbox"/> Bottled, tank, or LP  <input type="checkbox"/> Electricity  <input type="checkbox"/> Fuel oil, kerosene, etc.  <input type="radio"/> Coal or coke  <input type="radio"/> Wood  <input type="radio"/> Other fuel  <input type="radio"/> No fuel used</p>
<p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <input type="radio"/> 1969 or 1970 <input type="radio"/> 1965 to 1968 <input checked="" type="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><b>c.</b> Which fuel is used most for water heating?  <input checked="" type="checkbox"/> From underground pipes serving the neighborhood.      Gas <input type="checkbox"/> Bottled, tank, or LP  <input type="checkbox"/> Electricity  <input type="checkbox"/> Fuel oil, kerosene, etc.  <input type="radio"/> Coal or coke  <input type="radio"/> Wood  <input type="radio"/> Other fuel  <input type="radio"/> No fuel used</p> <p><b>H26.</b> How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.  <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><b>H16.</b> Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe _____	<p><b>H27a.</b> 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>b.</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><b>c.</b> Do you have a dishwasher (built-in or portable)?  <input type="radio"/> Yes <input type="radio"/> No</p> <p><b>d.</b> Do you have a home food freezer which is separate from your refrigerator?  <input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H17.</b> 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><b>H28a.</b> 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>b.</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><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <input type="radio"/> Less than \$50 (or None) <input 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><b>H29.</b> 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><b>H30.</b> Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?  <input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

## APPENDIX B—Continued

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

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

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

## Appendix C.—ACCURACY OF THE DATA

SOURCES OF ERROR.....	App-14
EDITING OF UNACCEPTABLE DATA .....	App-14
SAMPLE DESIGN .....	App-14
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### SOURCES OF ERROR

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

### EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

### SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<b>OCCUPANCY CHARACTERISTICS</b>		<b>EQUIPMENT AND APPLIANCES</b>	
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
<b>VACANCY CHARACTERISTICS</b>			
Vacant for sale . . . . .	20	Dishwasher . . . . .	5
Vacant for rent . . . . .	20	Home food freezer . . . . .	5
Duration of vacancy . . . . .	20		
<b>UTILIZATION CHARACTERISTICS</b>		<b>FINANCIAL CHARACTERISTICS</b>	
Number of rooms . . . . .	20	Value . . . . .	20
Size of household (persons) . . . . .	20	Sales price asked . . . . .	20
Persons per room . . . . .	20	Gross rent . . . . .	20
Bedrooms . . . . .	5	Rent asked . . . . .	20
		Inclusion of utilities	
<b>PLUMBING CHARACTERISTICS</b>		in rent . . . . .	20
Plumbing facilities . . . . .	20	Value-income ratio . . . . .	20
Complete bathrooms . . . . .	15	Gross rent as percentage	
		of income . . . . .	20
<b>STRUCTURAL CHARACTERISTICS</b>		<b>HOUSEHOLD CHARACTERISTICS</b>	
Complete kitchen		Household composition . . . . .	20
facilities . . . . .	20	Income . . . . .	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 <sup>1</sup>	Number of housing units in area <sup>2</sup>						
	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

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

<sup>2</sup> 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 <sup>1</sup>	Factor if sample rate is—			Characteristic <sup>1</sup>	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>				<b>EQUIPMENT, FUELS, AND APPLIANCES</b>			
Year moved into unit .....	...	1.1	...	Heating equipment .....	0.8	0.9	...
Duration of vacancy .....	0.8	...	1.7	Air conditioning .....	...	1.1	...
<b>UTILIZATION CHARACTERISTICS</b>				Automobiles available .....	...	1.0	...
Rooms .....	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons) .....	0.5	0.6	1.2	<b>FINANCIAL CHARACTERISTICS</b>			
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	...
<b>PLUMBING CHARACTERISTICS</b>				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
<b>STRUCTURAL CHARACTERISTICS</b>				Rent asked .....	1.1	...	2.5
Units in structure .....	0.8	0.9	1.7	<b>HOUSEHOLD CHARACTERISTICS</b>			
Year structure built .....	0.9	1.0	...	Household composition .....	0.6	0.7	...
				Income in 1969 .....	1.0	1.2	2.3
				<b>ALL OTHERS</b> .....	1.0	1.2	2.2

<sup>1</sup>Tabulations 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.