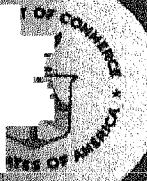


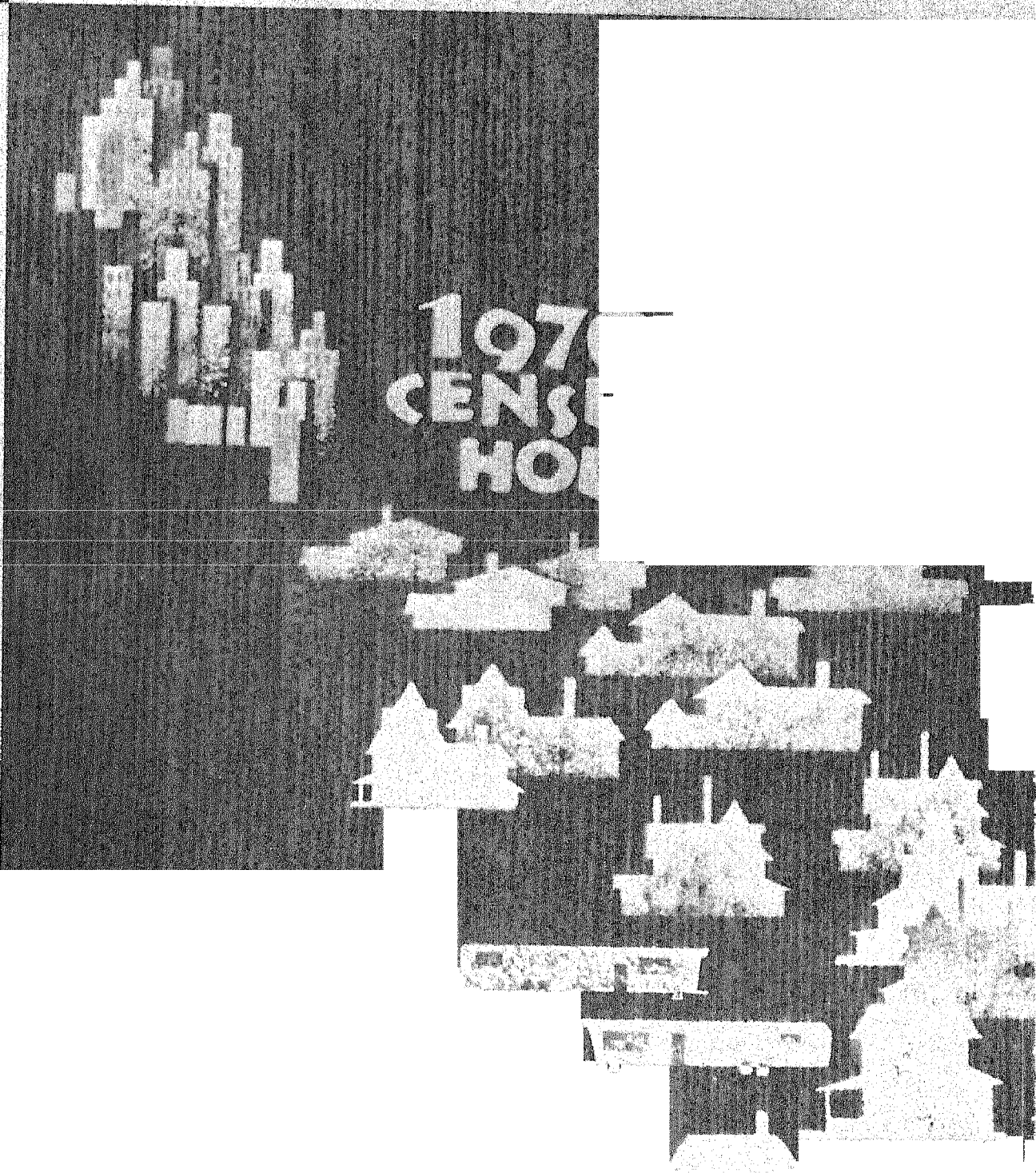
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# Metropolitan Housing Characteristics

SYRACUSE, N.Y.  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-215



U.S. DEPARTMENT  
OF COMMERCE  
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Statistics Administration  
BUREAU OF  
THE CENSUS

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**1970  
CENSUS OF  
HOUSING**

Metropolitan  
Housing  
Characteristics

**SYRACUSE, N.Y.**

**STANDARD METROPOLITAN  
STATISTICAL AREA**

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10	SALES PRICE ASKED AND RENT ASKED

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41	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA	125	Macon, Ga. SMSA
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128	Manassas, 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-Drem, 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
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140	Muncie, Ind. SMSA	182	Rochester, N.Y. SMSA	224	Tucson, Ariz. SMSA
141	Muskegon-Muskegon Heights, Mich. SMSA	183	Rockford, Ill. SMSA	225	Tulsa, Okla. SMSA
142	Nashua, N.H. SMSA	184	Sacramento, Calif. SMSA	226	Tuscaloosa, Ala. SMSA
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144	New Bedford, Mass. SMSA	186	St. Joseph, Mo. SMSA	228	Utica-Rome, N.Y. SMSA
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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
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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†	8, 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
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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 pre-designated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer magnetic tape.

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

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

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METROPOLITAN HOUSING CHARACTERISTICS

**Syracuse, N.Y.**  
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 215.]

page

**MAP**

Counties, Standard Metropolitan  
Statistical Areas, and Selected Places

XI

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

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	—	—
Syracuse .....	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 Puerto Rican birth or parentage]

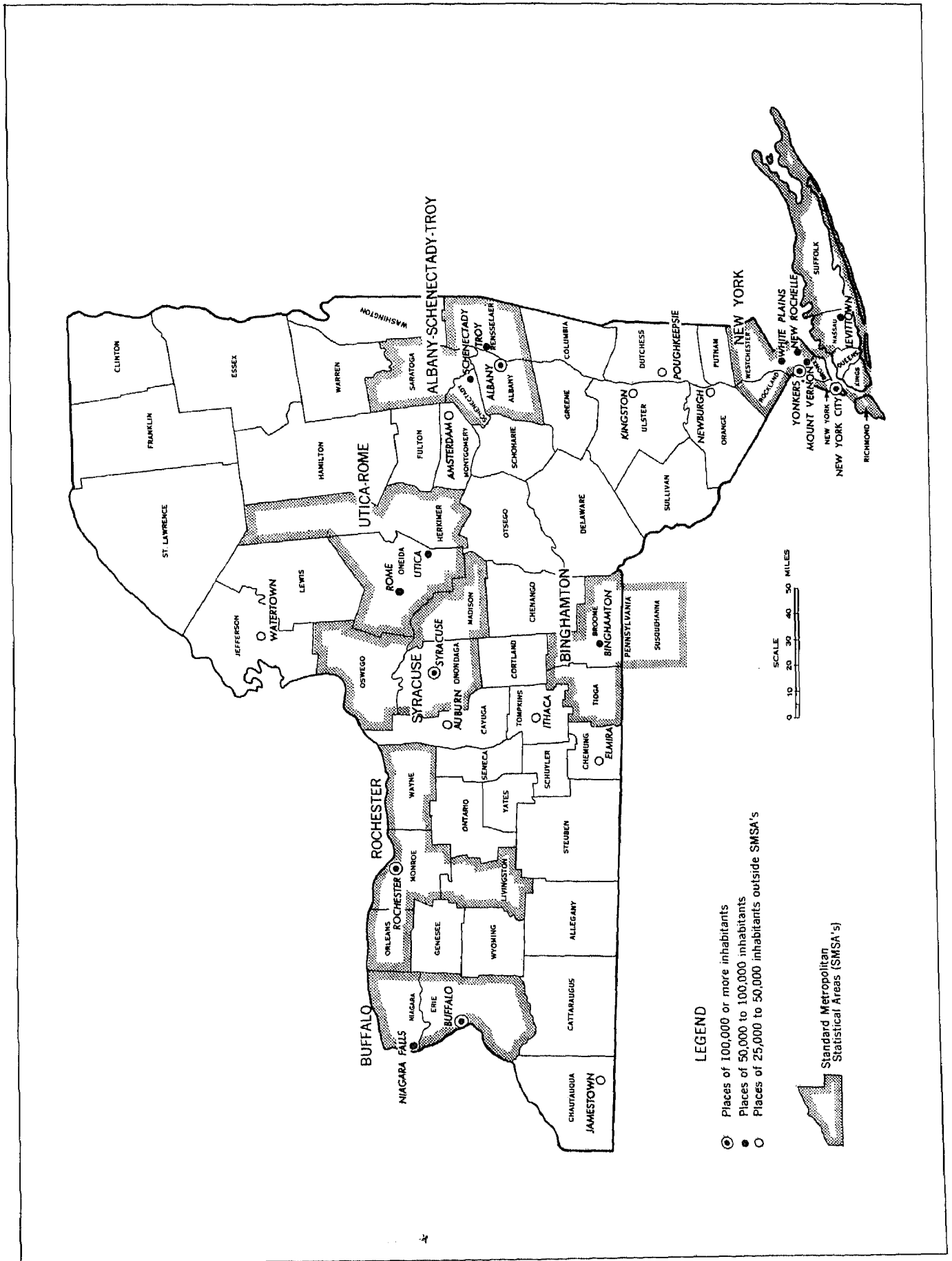
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# Counties, Standard Metropolitan Statistical Areas, and Selected Places



**NOTE**

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









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

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

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
<b>Owner occupied housing units</b>	<b>126 403</b>	<b>123 199</b>	<b>66 881</b>	<b>50 578</b>	<b>5 077</b>	<b>663</b>	<b>3 204</b>	<b>2 049</b>	<b>896</b>	<b>205</b>	<b>54</b>
<b>PERSONS</b>											
1 person	14 229	13 219	13 169	50	—	—	1 010	953	57	—	—
2 persons	34 871	33 967	33 162	757	—	48	904	783	121	—	—
3 persons	21 241	20 812	14 058	6 697	37	20	429	248	176	5	—
4 persons	22 148	21 829	4 693	17 051	65	20	319	38	254	18	9
5 persons	16 002	15 810	1 799	13 582	347	82	192	27	133	20	12
6 persons or more	17 912	17 562	—	12 441	4 628	493	350	—	155	162	33
Median	3.2	3.2	2.1	4.6	7.0	7.5+	2.2	1.6	3.9	6.9	...
Units with roomers, boarders, or lodgers	2 374	2 276	1 167	943	136	30	98	43	50	5	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	2 035	1 992	916	1 007	69	—	43	6	37	—	—
1965 to 1968	9 876	9 818	4 263	5 138	347	70	58	14	24	20	—
1960 to 1964	12 915	12 830	5 164	6 809	771	86	85	18	40	19	8
1950 to 1959	29 987	29 649	13 101	14 635	1 722	191	338	180	133	25	—
1940 to 1949	10 133	9 801	5 653	3 678	427	43	332	178	102	44	8
1939 or earlier	61 457	59 149	38 036	19 042	1 794	277	2 308	1 611	572	111	14
<b>INCOME IN 1969</b>											
Less than \$2,000	8 384	7 526	6 563	824	99	40	858	750	98	4	6
\$2,000 to \$2,999	4 855	4 547	4 077	451	19	—	308	232	61	15	—
\$3,000 to \$3,999	4 261	4 036	3 457	494	73	12	225	121	85	19	—
\$4,000 to \$4,999	4 741	4 539	3 639	787	108	5	202	157	29	16	—
\$5,000 to \$5,999	5 269	5 046	3 678	1 220	126	22	223	125	70	23	5
\$6,000 to \$6,999	6 039	5 843	3 617	1 936	231	59	196	94	59	28	15
\$7,000 to \$9,999	24 052	23 529	11 693	10 413	1 208	215	523	252	203	51	17
\$10,000 to \$14,999	37 878	37 378	15 827	19 416	1 949	186	500	252	210	32	6
\$15,000 to \$24,999	24 238	24 088	10 608	12 276	1 100	104	150	54	74	17	5
\$25,000 or more	6 686	6 667	3 722	2 761	164	20	19	12	7	—	—
Median	\$10 700	\$10 900	\$9 200	\$12 400	\$11 700	\$9 700	\$5 000	\$3 400	\$7 700	\$6 900	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	98 221	96 229	50 560	41 147	4 061	461	1 992	1 258	568	127	39
Less than 1.5	41 192	40 263	17 468	20 148	2 344	303	929	402	392	102	33
1.5 to 1.9	21 461	21 234	9 886	10 270	1 005	73	227	142	80	5	—
2.0 to 2.4	11 999	11 868	6 174	5 286	377	31	131	117	14	—	—
2.5 to 2.9	6 356	6 252	3 649	2 462	121	20	104	66	27	11	—
3.0 to 3.9	6 005	5 886	4 246	1 559	81	—	119	104	10	5	—
4.0 or more	10 416	9 966	8 504	1 314	127	21	450	395	45	4	6
Not computed	792	760	633	108	6	13	32	32	—	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water	18 769	18 588	10 500	7 524	474	90	181	147	28	6	—
Warm-air furnace	96 876	95 394	50 927	39 913	4 084	470	1 482	939	432	89	22
Built-in electric units	1 632	1 617	857	659	70	31	15	—	5	10	—
Floor, wall, or pipeless furnace	2 488	2 357	1 390	803	141	23	131	108	17	—	6
Other means	6 601	5 212	3 186	1 669	308	49	1 389	855	408	100	26
None	37	31	21	10	—	—	6	—	6	—	—
<b>Renter occupied housing units</b>	<b>65 839</b>	<b>63 162</b>	<b>32 869</b>	<b>26 784</b>	<b>2 829</b>	<b>680</b>	<b>2 677</b>	<b>1 280</b>	<b>1 245</b>	<b>82</b>	<b>70</b>
<b>PERSONS</b>											
1 person	19 638	17 956	16 255	1 701	—	—	1 682	933	749	—	—
2 persons	18 839	18 348	13 217	4 989	—	142	491	245	207	—	39
3 persons	11 090	10 899	2 929	7 865	80	25	191	82	89	15	5
4 persons	7 193	7 086	308	6 496	233	49	107	9	88	6	4
5 persons	4 144	4 051	160	3 395	396	100	93	11	60	18	4
6 persons or more	4 935	4 822	—	2 338	2 120	364	113	—	52	43	18
Median	2.2	2.2	1.5	3.4	6.4	6.1	1.3	1.2	1.3	...	...
Units with roomers, boarders, or lodgers	2 176	2 098	926	1 024	70	78	78	10	41	—	27
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	2 045	2 013	1 059	856	89	9	32	7	14	11	—
1965 to 1968	6 976	6 946	3 473	3 275	144	54	30	15	15	—	—
1960 to 1964	5 302	5 270	2 563	2 370	240	97	32	6	26	—	—
1950 to 1959	6 015	5 913	2 666	2 886	294	67	102	43	52	—	7
1940 to 1949	5 535	5 431	2 692	2 408	285	46	104	79	6	7	12
1939 or earlier	39 966	37 629	20 490	14 976	1 750	413	2 337	1 050	1 169	63	55
<b>INCOME IN 1969</b>											
Less than \$2,000	10 387	9 486	6 482	2 773	129	102	901	550	323	4	24
\$2,000 to \$2,999	4 632	4 302	2 748	1 431	92	31	330	143	183	—	4
\$3,000 to \$3,999	4 984	4 685	2 719	1 757	181	28	299	129	160	—	10
\$4,000 to \$4,999	5 146	4 929	2 732	1 903	232	62	217	101	101	15	—
\$5,000 to \$5,999	5 263	5 062	2 794	1 944	265	59	201	66	127	4	4
\$6,000 to \$6,999	5 396	5 160	2 422	2 381	301	56	236	97	113	14	12
\$7,000 to \$9,999	13 935	13 601	5 831	6 796	843	131	334	138	148	36	12
\$10,000 to \$14,999	11 494	11 386	4 963	5 717	565	141	108	51	53	4	—
\$15,000 to \$24,999	3 759	3 713	1 717	1 758	181	57	46	—	37	5	4
\$25,000 or more	843	838	461	324	40	13	5	5	—	—	—
Median	\$6 500	\$6 600	\$5 600	\$7 500	\$7 800	\$7 000	\$3 400	\$2 600	\$3 700	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	64 169	61 740	32 238	26 113	2 742	647	2 429	1 151	1 147	61	70
Less than 10 percent	4 168	3 917	1 863	1 765	211	78	251	53	186	12	—
10 to 14 percent	10 100	9 769	4 600	4 597	451	121	331	125	189	4	13
15 to 19 percent	11 411	11 097	5 167	5 334	498	98	314	132	166	11	5
20 to 24 percent	8 355	8 153	3 842	3 808	445	58	202	93	92	11	6
25 to 34 percent	9 028	8 776	4 611	3 537	518	110	252	122	120	5	5
35 percent or more	16 452	15 760	9 652	5 500	457	151	692	388	276	10	18
Not computed	4 655	4 268	2 503	1 572	162	131	387	238	118	8	23
<b>HEATING EQUIPMENT</b>											
Steam or hot water	20 228	19 518	10 891	7 802	596	229	710	258	430	11	11
Warm-air furnace	34 166	33 189	16 789	14 476	1 654	270	977	455	459	27	36
Built-in electric units	3 500	3 467	1 692	1 663	61	51	33	5	11	12	5
Floor, wall, or pipeless furnace	1 579	1 530	701	689	102	38	49	20	22	3	4
Other means	6 329	5 432	2 785	2 144	411	92	897	542	316	29	10
None	37	26	11	10	5	—	11	—	7	—	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 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>	126 403	185	434	2 002	10 549	26 629	35 849	23 907	26 848	6.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	122 359	137	274	1 733	9 966	25 778	34 718	23 441	26 312	6.2
<b>PERSONS</b>										
1 person	14 229	107	228	898	2 412	3 367	3 640	1 942	1 635	5.5
2 persons	34 871	48	111	767	4 686	8 816	9 960	5 566	4 917	5.8
3 persons	21 241	20	42	183	1 869	4 842	6 515	3 915	3 876	6.1
4 persons	22 148	4	25	83	978	4 877	6 746	4 704	4 731	6.3
5 persons	16 002	-	23	71	367	2 809	4 615	3 624	4 493	6.5
6 persons or more	17 912	6	5	21	237	1 918	4 373	4 156	7 196	7.1
Median	3.2	1.4	1.5	1.6	2.1	2.7	3.2	3.6	4.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	123 199	122	293	1 708	10 114	25 951	35 155	23 441	26 415	6.2
0.50 or less	66 881	-	127	760	6 809	11 748	19 665	11 135	16 637	6.2
0.51 to 1.00	50 578	50	91	797	2 745	12 331	13 676	11 547	9 341	6.2
1.01 to 1.50	5 077	-	37	65	466	1 693	1 722	686	408	5.7
1.51 or more	663	72	38	86	94	179	92	73	29	4.7
Lacking some or all plumbing facilities	3 204	63	141	294	435	678	694	466	433	5.5
0.50 or less	2 049	-	101	138	289	435	450	288	348	5.6
0.51 to 1.00	896	57	20	132	102	197	150	164	74	5.2
1.01 to 1.50	205	-	5	18	44	35	78	14	11	5.5
1.51 or more	54	6	15	6	-	11	16	-	-	...
<b>BEDROOMS</b>										
None and 1	3 828	120	464	1 252	1 270	452	138	112	20	3.6
2	25 554	-	-	660	8 236	11 159	4 154	1 020	325	4.8
3	61 332	-	-	-	775	15 175	27 720	12 587	5 075	6.0
4 or more	35 707	-	-	-	-	298	4 337	9 841	21 231	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	2 144	21	10	36	364	593	362	223	535	5.6
1960 to 1968	22 980	9	82	341	2 448	5 309	5 304	3 878	5 609	6.1
1950 to 1959	29 984	23	120	444	3 263	9 311	9 211	4 696	2 916	5.7
1949 or earlier	71 295	132	222	1 181	4 474	11 416	20 972	15 110	17 788	6.4
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	102 421	124	256	1 610	9 517	24 235	31 117	19 153	16 409	6.0
2 or more	20 126	19	18	123	501	1 600	3 616	4 313	9 936	7.5
None or also used by another household	3 856	73	140	293	545	829	861	566	549	5.6
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	98 221	94	157	824	5 879	20 042	29 265	20 282	21 678	6.3
Less than 1.5	41 192	26	54	295	2 414	8 316	12 409	8 904	8 774	6.3
1.5 to 1.9	21 461	11	20	136	1 047	4 515	6 622	4 410	4 700	6.3
2.0 to 2.9	18 355	13	9	127	840	3 762	5 239	3 844	4 521	6.3
3.0 or more	16 421	31	61	251	1 478	3 279	4 757	3 003	3 561	6.2
Not computed	792	13	13	15	100	170	238	121	122	5.9
<b>Renter occupied housing units</b>	65 839	2 691	3 481	12 931	17 195	13 529	9 566	3 701	2 745	4.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	61 091	1 230	2 884	12 025	16 465	12 989	9 246	3 590	2 662	4.4
<b>PERSONS</b>										
1 person	19 638	2 450	2 715	6 936	4 220	1 834	947	304	232	3.2
2 persons	18 839	181	613	4 583	6 559	3 934	2 059	541	369	4.1
3 persons	11 090	30	95	1 019	3 934	3 001	2 177	496	338	4.7
4 persons	7 193	18	35	239	1 819	2 424	1 599	742	317	5.1
5 persons	4 144	12	4	88	414	1 276	1 263	579	508	5.7
6 persons or more	4 935	-	19	66	249	1 060	1 521	1 039	981	6.2
Median	2.2	1.0	1.1	1.4	2.2	2.8	3.3	4.2	4.7	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	63 162	1 890	3 084	12 416	16 863	13 293	9 368	3 642	2 606	4.3
0.50 or less	32 869	-	2 401	6 589	10 543	5 662	5 044	1 309	1 321	4.2
0.51 to 1.00	26 784	1 701	545	5 440	5 688	6 600	3 561	2 063	1 186	4.5
1.01 to 1.50	2 829	-	80	233	570	913	708	226	99	5.1
1.51 or more	680	189	58	154	62	118	55	44	24	3.1
Lacking some or all plumbing facilities	2 677	801	397	515	332	236	198	59	139	2.8
0.50 or less	1 280	-	314	347	236	106	139	32	106	3.4
0.51 to 1.00	1 245	749	68	162	65	101	43	24	33	1.3
1.01 to 1.50	82	-	15	6	27	15	16	3	-	...
1.51 or more	70	52	-	-	4	14	-	-	-	...
<b>BEDROOMS</b>										
None	3 166	2 487	598	81	-	-	-	-	-	1.1
1	19 252	-	3 173	12 146	3 292	543	71	-	27	3.0
2	25 058	-	-	785	13 633	8 612	1 670	305	53	4.4
3 or more	18 345	-	-	-	303	4 446	7 699	3 379	2 518	6.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	2 015	122	68	388	752	491	147	16	31	4.1
1960 to 1968	12 253	786	695	2 828	4 824	2 079	760	212	69	3.9
1950 to 1959	5 994	230	399	1 168	2 062	1 216	619	176	124	4.1
1949 or earlier	45 577	1 553	2 319	8 547	9 557	9 743	8 040	3 297	2 521	4.6
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	60 401	1 807	2 962	12 043	16 248	12 709	9 044	3 353	2 235	4.3
2 or more	1 816	58	41	106	341	360	240	243	427	5.5
None or also used by another household	3 622	875	352	730	552	487	329	151	146	3.3
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	64 169	2 687	3 463	12 847	17 052	13 295	9 238	3 393	2 194	4.3
Less than 10 percent	4 168	239	192	740	1 117	924	571	218	167	4.3
10 to 14 percent	10 100	369	403	1 765	2 860	2 221	1 643	559	280	4.4
15 to 19 percent	11 411	358	521	2 124	3 148	2 566	1 825	583	286	4.4
20 to 24 percent	8 355	288	405	1 663	2 254	1 958	1 142	442	203	4.3
25 to 34 percent	9 028	340	449	1 924	2 459	1 858	1 243	472	283	4.2
35 percent or more	16 452	880	1 287	4 034	4 381	2 815	1 933	684	438	4.0
Not computed	4 655	213	206	597	833	953	881	435	537	5.0

<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-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> .....	126 403	14 229	34 871	21 241	22 148	16 002	9 053	5 401	3 458	3.2
<b>BEDROOMS</b>										
None and 1 .....	3 828	1 603	1 639	233	140	157	35	21	-	1.7
2 .....	25 554	4 968	12 149	4 570	2 492	889	255	160	71	2.1
3 .....	61 332	5 139	14 931	12 481	14 058	8 758	3 784	1 672	509	3.3
4 or more .....	35 707	2 096	6 028	4 317	5 438	6 429	5 146	3 498	2 755	4.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	2 144	142	502	458	429	366	140	86	21	3.4
1965 to 1968 .....	10 057	559	1 812	1 747	2 504	1 752	925	449	309	3.9
1960 to 1964 .....	12 923	665	2 594	2 121	2 875	2 295	1 403	677	293	3.9
1950 to 1959 .....	29 984	2 016	7 595	5 564	6 232	4 403	2 306	1 003	765	3.5
1940 to 1949 .....	10 093	1 100	3 211	1 854	1 679	1 108	573	342	226	2.9
1939 or earlier .....	61 202	9 747	19 157	9 497	8 429	6 078	3 706	2 744	1 844	2.7
<b>UNITS IN STRUCTURE</b>										
1 .....	108 766	10 461	28 719	18 179	19 968	14 670	8 510	5 000	3 259	3.3
2 or more .....	12 221	2 755	4 419	1 895	1 364	914	402	306	166	2.3
Mobile home or trailer .....	5 416	1 013	1 733	1 167	816	418	141	95	33	2.5
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	102 421	12 121	29 588	17 505	17 885	12 136	6 598	4 135	2 453	3.0
2 and 2 1/2 .....	17 767	933	3 670	2 807	3 507	3 145	1 944	971	790	3.9
3 or more .....	2 359	185	509	332	382	386	254	191	120	3.9
None or also used by another household .....	3 856	1 129	1 127	479	397	258	181	178	107	2.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	112 174	...	34 871	21 241	22 148	16 002	9 053	5 401	3 458	3.5
Male head, wife present, no nonrelatives .....	98 657	...	27 846	18 180	20 596	15 082	8 663	5 026	3 264	3.7
Under 25 years .....	1 902	...	531	742	490	112	11	16	-	3.1
25 to 34 years .....	16 655	...	1 598	2 736	5 512	3 881	1 764	841	323	4.2
35 to 44 years .....	23 269	...	1 027	2 158	5 662	6 048	4 119	2 426	1 829	5.0
45 to 64 years .....	44 041	...	14 853	10 612	8 300	4 831	2 703	1 651	1 091	3.2
65 years and over .....	12 790	...	9 837	1 931	632	210	66	92	21	2.2
Other male head .....	4 418	...	2 241	931	555	332	102	158	99	2.5
Under 65 years .....	3 115	...	1 403	653	444	291	89	148	87	2.7
65 years and over .....	1 303	...	838	278	111	41	13	10	12	2.3
Female head .....	9 099	...	4 784	2 130	997	588	288	217	95	2.5
Under 65 years .....	6 157	...	2 668	1 624	811	508	271	187	88	2.6
65 years and over .....	2 942	...	2 116	506	186	80	17	30	7	2.2
One-person households .....	14 229	14 229	...	...	...	...	...	...	...	1.0
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	98 221	9 328	25 829	16 458	18 327	13 360	7 470	4 392	2 857	3.3
Less than 1.5 .....	41 192	1 204	9 093	8 218	8 594	6 141	3 890	2 405	1 647	3.7
1.5 to 1.9 .....	21 461	841	5 372	3 651	4 598	3 622	1 860	975	542	3.7
2.0 to 2.4 .....	11 999	794	3 301	1 791	2 633	1 786	873	495	326	3.5
2.5 to 2.9 .....	6 356	656	1 971	999	1 103	818	460	218	131	3.1
3.0 to 3.9 .....	6 005	1 055	2 382	802	681	469	344	162	110	2.3
4.0 or more .....	10 416	4 334	3 532	919	675	506	223	131	96	1.7
Not computed .....	792	444	178	78	43	18	20	6	5	1.4
<b>Renter occupied housing units</b> .....	65 839	19 438	18 839	11 090	7 193	4 144	2 363	1 535	1 037	2.2
<b>BEDROOMS</b>										
None .....	3 166	2 873	161	63	44	25	-	-	-	1.1
1 .....	19 252	11 035	6 704	1 069	292	63	47	42	-	1.4
2 .....	25 058	5 018	9 357	6 396	2 888	1 027	222	88	62	2.3
3 or more .....	18 345	1 153	2 732	3 153	4 011	2 810	2 044	1 424	1 018	4.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	2 015	528	792	314	194	94	59	11	23	2.1
1965 to 1968 .....	6 952	2 004	2 561	1 212	710	268	122	46	29	2.1
1960 to 1964 .....	5 301	1 576	1 826	810	542	218	184	100	45	2.1
1950 to 1959 .....	5 994	1 570	1 761	1 106	757	385	221	152	42	2.3
1940 to 1949 .....	5 525	1 454	1 481	1 193	650	351	175	117	104	2.4
1939 or earlier .....	40 052	12 506	10 418	6 455	4 340	2 828	1 602	1 109	794	2.2
<b>UNITS IN STRUCTURE</b>										
1 .....	12 763	1 784	2 703	2 247	2 056	1 555	1 100	709	609	3.3
2 .....	17 448	3 715	4 920	3 729	2 198	1 490	674	459	263	2.5
3 and 4 .....	11 195	3 748	3 473	1 890	1 143	470	253	144	74	2.0
5 to 9 .....	8 306	3 208	2 480	1 310	801	260	129	77	41	1.9
10 to 19 .....	7 497	2 632	2 750	1 180	558	181	106	62	28	1.9
20 or more .....	7 995	4 414	2 293	611	349	159	80	78	11	1.4
Mobile home or trailer .....	635	137	220	123	88	29	21	6	11	2.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	60 401	17 238	17 705	10 510	6 636	3 857	2 161	1 381	913	2.2
2 or more .....	1 816	283	443	347	299	196	100	84	64	3.0
None or also used by another household .....	3 622	1 960	703	324	270	162	98	54	51	1.4
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	46 201	...	18 839	11 090	7 193	4 144	2 363	1 535	1 037	2.9
Male head, wife present, no nonrelatives .....	33 243	...	12 564	8 041	5 451	3 263	1 952	1 184	788	3.0
Under 25 years .....	6 618	...	3 216	2 329	806	213	16	38	-	2.5
25 to 34 years .....	11 708	...	3 070	3 159	2 670	1 429	819	372	189	3.4
35 to 44 years .....	4 977	...	2 736	1 601	933	1 001	786	506	414	4.7
45 to 64 years .....	6 859	...	2 971	1 601	949	577	325	251	185	2.8
65 years and over .....	3 081	...	2 571	351	93	43	6	17	-	2.1
Other male head .....	3 041	...	1 792	690	266	161	62	36	34	2.3
Under 65 years .....	2 670	...	1 529	628	242	156	62	31	22	2.4
65 years and over .....	3 371	...	2 242	62	24	5	5	5	12	2.2
Female head .....	9 917	...	4 483	2 359	1 476	720	349	315	215	2.7
Under 65 years .....	8 909	...	3 697	2 236	1 400	705	341	315	215	2.8
65 years and over .....	1 008	...	786	123	76	15	8	-	-	2.1
One-person households .....	19 638	19 638	...	...	...	...	...	...	...	1.0
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	44 169	19 439	18 530	10 819	6 967	3 901	2 176	1 443	894	2.2
Less than 10 percent .....	4 168	932	1 341	719	458	360	186	122	50	2.4
10 to 14 percent .....	10 100	1 821	3 606	1 997	1 335	625	368	229	119	2.4
15 to 19 percent .....	11 411	2 573	3 435	2 236	1 532	850	425	190	170	2.4
20 to 24 percent .....	8 355	2 217	2 315	1 575	1 041	529	324	242	112	2.3
25 to 34 percent .....	9 028	2 916	2 435	1 438	857	590	328	253	211	2.2
35 percent or more .....	16 452	7 303	4 293	2 178	1 256	624	334	287	177	1.7
Not computed .....	4 655	1 677	1 105	676	488	323	211	120	55	2.1

<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> .....	1 242	252	447	543	<b>Vacant for rent</b> .....	4 606	2 384	1 427	795
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	69	25	3	41	1 room .....	633	532	76	25
4 rooms .....	148	23	77	48	2 rooms .....	281	134	109	38
5 rooms .....	291	71	119	101	3 rooms .....	1 042	522	325	195
6 rooms .....	297	30	115	152	4 rooms .....	1 171	619	391	161
7 rooms or more .....	437	103	133	201	5 rooms .....	802	318	315	169
<b>PLUMBING FACILITIES</b>					6 rooms .....	401	161	132	108
With all plumbing facilities .....	1 143	224	441	478	7 rooms or more .....	276	98	79	99
Lacking some or all plumbing facilities .....	99	28	6	65	<b>PLUMBING FACILITIES</b>				
<b>BEDROOMS</b>					With all plumbing facilities .....	3 947	1 965	1 300	682
None and 1 .....	31	-	-	31	Lacking some or all plumbing facilities .....	659	419	127	113
2 .....	229	20	115	94	<b>BEDROOMS</b>				
3 .....	412	77	100	235	None .....	453	389	49	15
4 or more .....	461	129	177	155	1 .....	1 651	911	508	232
<b>YEAR STRUCTURE BUILT</b>					2 .....	1 720	703	659	358
1969 to March 1970 .....	148	52	63	33	3 or more .....	912	436	213	263
1960 to 1968 .....	209	78	51	80	<b>YEAR STRUCTURE BUILT</b>				
1950 to 1959 .....	149	16	76	57	1969 to March 1970 .....	452	168	236	48
1949 or earlier .....	736	106	257	373	1960 to 1968 .....	725	474	161	90
<b>UNITS IN STRUCTURE</b>					1950 to 1959 .....	176	84	63	29
1 .....	1 083	230	373	480	1949 or earlier .....	3 253	1 658	967	628
2 or more .....	159	22	74	63	<b>UNITS IN STRUCTURE</b>				
<b>HEATING EQUIPMENT</b>					1 .....	524	194	143	187
Steam or hot water .....	174	48	49	77	2 to 4 .....	1 511	672	529	310
Warm-air furnace .....	930	168	376	386	5 to 9 .....	682	355	225	102
Built-in electric units .....	20	8	-	12	10 to 19 .....	1 012	510	372	130
Floor, wall, or pipeless furnace .....	9	9	-	-	20 or more .....	877	653	158	66
Other means .....	81	12	22	47	<b>RENT ASKED</b>				
None .....	28	7	-	21	<b>Specified vacant for sale<sup>1</sup></b> .....	982	211	350	421
<b>SALES PRICE ASKED</b>					Less than \$5,000 .....	57	20	6	31
Less than \$5,000 .....	57	20	6	31	\$5,000 to \$9,999 .....	233	28	99	106
\$5,000 to \$9,999 .....	233	28	99	106	\$10,000 to \$14,999 .....	184	20	62	102
\$10,000 to \$14,999 .....	184	20	62	102	\$15,000 to \$19,999 .....	214	50	104	60
\$15,000 to \$19,999 .....	214	50	104	60	\$20,000 to \$24,999 .....	105	22	35	48
\$20,000 to \$24,999 .....	105	22	35	48	\$25,000 to \$34,999 .....	84	26	25	33
\$25,000 to \$34,999 .....	84	26	25	33	\$35,000 to \$49,999 .....	75	35	13	27
\$35,000 to \$49,999 .....	75	35	13	27	\$50,000 or more .....	30	10	6	14
\$50,000 or more .....	30	10	6	14	Median price asked .....	\$15 400	\$18 800	\$15 400	\$13 600
Median price asked .....	\$15 400	\$18 800	\$15 400	\$13 600					

<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> .....	982	290	184	214	105	84	105	4 542	563	780	1 030	1 258	757	134
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	933	203	195	147	154	104	130	4 204	213	610	1 265	1 163	829	124
Lacking some or all plumbing facilities .....	-	-	-	-	-	-	-	491	205	212	57	17	-	-
<b>BEDROOMS</b>														
None and 1 .....	31	17	-	14	-	-	-	2 104	276	546	661	394	207	20
2 .....	190	83	58	14	35	-	-	1 720	83	244	383	493	497	20
3 .....	315	66	117	68	33	12	19	666	59	17	221	200	85	84
4 or more .....	397	37	20	51	86	92	111	205	-	15	57	93	40	-
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	141	54	3	14	13	13	44	446	12	42	10	32	307	43
1960 to 1968 .....	183	7	33	31	38	35	39	720	11	15	55	267	312	60
1950 to 1959 .....	126	35	14	38	17	15	7	173	4	16	20	101	28	4
1949 or earlier .....	532	194	134	131	37	21	15	3 203	536	707	945	858	110	47
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	460	71	58	95	133	76	27
2 to 4 .....	...	...	...	...	...	...	...	1 511	147	330	510	474	50	-
5 to 9 .....	...	...	...	...	...	...	...	1 694	209	236	298	424	468	59
20 or more .....	...	...	...	...	...	...	...	877	136	156	127	227	163	68
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	2 021	329	425	437	617	145	68
Some or no utilities included .....	...	...	...	...	...	...	...	2 521	234	355	593	641	612	86

<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-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]

Syracuse	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>30 201</b>	<b>29 878</b>	<b>19 399</b>	<b>9 500</b>	<b>866</b>	<b>113</b>	<b>323</b>	<b>238</b>	<b>81</b>	<b>4</b>	
<b>PERSONS</b>											
1 person .....	4 894	4 803	4 794	9			91	86	5		
2 persons .....	9 865	9 722	9 578	139			143	122	21		
3 persons .....	5 198	5 163	3 867	1 282	4	5	35	18	17		
4 persons .....	4 246	4 226	894	3 316	16	10	20	17	20		
5 persons .....	2 773	2 750	266	2 423	39	22	11	12	11		
6 persons or more .....	3 225	3 214		2 331	807	76	11		7	4	
Median .....	2.6	2.6	2.0	4.5	7.3	7.5+	2.0	1.8	...	...	
Units with roomers, boarders, or lodgers .....	829	812	543	241	22	6	17	6	11		
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	33	33	21	12							
1965 to 1968 .....	191	191	95	96							
1960 to 1964 .....	1 032	1 032	535	443	47	7					
1950 to 1959 .....	4 261	4 249	2 452	1 610	170	17	12	12			
1940 to 1949 .....	2 033	2 008	1 312	651	45		25	18	7		
1939 or earlier .....	22 649	22 354	15 048	6 591	647	68	295	218	72	5	
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	2 418	2 371	2 224	134	13		47	47			
\$2,000 to \$2,999 .....	1 469	1 469	1 392	77			27	17			
\$3,000 to \$3,999 .....	1 354	1 331	1 212	109	10		23	8	10		
\$4,000 to \$4,999 .....	1 480	1 450	1 261	170	14	5	30	30	15		
\$5,000 to \$5,999 .....	1 500	1 484	1 251	203	32		14				
\$6,000 to \$6,999 .....	1 588	1 578	1 205	301	56	16	10	10			
\$7,000 to \$9,999 .....	5 536	5 481	3 341	1 918	190	32	55	39	12	4	
\$10,000 to \$14,999 .....	7 520	7 448	3 841	3 265	318	24	72	54	18		
\$15,000 to \$24,999 .....	5 446	5 407	2 554	2 633	200	20	39	13	26		
\$25,000 or more .....	1 863	1 857	1 118	690	33	16	6	6			
Median .....	\$9 900	\$9 900	\$8 000	\$12 800	\$11 900	\$10 700	\$7 600	\$6 300	...	...	
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	21 982	21 830	13 861	7 260	644	65	152	108	44		
Less than 1.5 .....	9 577	9 518	4 875	4 211	396	36	59	26	33		
1.5 to 1.9 .....	4 168	4 128	2 335	1 629	144	20	40	34	6		
2.0 to 2.4 .....	2 259	2 254	1 493	692	66	3	5	5			
2.5 to 2.9 .....	1 273	1 267	930	311	20	6	6	5			
3.0 to 3.9 .....	1 517	1 512	1 297	210	5		5	5			
4.0 or more .....	2 999	2 962	2 742	207	13		37	32	5		
Not computed .....	189	189	189								
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	3 085	3 054	2 021	970	40	23	31	31			
Warm-air furnace .....	25 529	25 284	16 312	8 129	761	82	245	171	70	4	
Built-in electric units .....	169	169	75	70	16	8					
Floor, wall, or pipeless furnace .....	402	398	263	119	14		4	4			
Other means .....	999	956	717	206	33		43	32	11		
None .....	17	17	11	6							
<b>Renter occupied housing units</b> .....	<b>37 455</b>	<b>36 159</b>	<b>19 833</b>	<b>14 376</b>	<b>1 525</b>	<b>425</b>	<b>1 296</b>	<b>523</b>	<b>709</b>	<b>22</b>	<b>42</b>
<b>PERSONS</b>											
1 person .....	13 288	12 282	10 837	1 445			1 006	447	559		
2 persons .....	10 648	10 443	7 312	3 027		104	205	58	114		33
3 persons .....	5 651	5 613	1 532	3 999	57	25	38	18	10	5	5
4 persons .....	3 460	3 443	113	3 149	145	36	17		11	6	
5 persons .....	2 013	1 988	39	1 648	238	63	25		15	6	4
6 persons or more .....	2 395	2 390		1 108	1 085	197	5			5	
Median .....	2.0	2.1	1.4	3.2	6.3	5.3	1.1	1.1	1.1	...	...
Units with roomers, boarders, or lodgers .....	1 390	1 342	600	653	31	58	48	10	11		27
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	627	599	337	239	14	9	28	7	14	7	
1965 to 1968 .....	2 776	2 776	1 420	1 282	48	24					
1960 to 1964 .....	2 893	2 874	1 481	1 218	106	49	19	6	13		
1950 to 1959 .....	2 846	2 819	1 450	1 151	158	60	27	6	27		
1940 to 1949 .....	3 472	3 449	1 818	1 430	170	31	23	23			
1939 or earlier .....	24 871	23 703	13 396	9 008	1 075	224	1 168	418	695	16	39
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	6 874	6 418	4 268	1 980	84	86	456	237	199		20
\$2,000 to \$2,999 .....	3 079	2 922	1 829	1 017	49	27	157	67	86		4
\$3,000 to \$3,999 .....	3 215	3 069	1 764	1 168	127	10	146	50	96		
\$4,000 to \$4,999 .....	3 173	3 077	1 764	1 131	148	34	96	29	61	6	
\$5,000 to \$5,999 .....	3 232	3 124	1 780	1 121	144	29	108	22	86		
\$6,000 to \$6,999 .....	2 921	2 823	1 512	1 184	131	29	98	37	50	5	6
\$7,000 to \$9,999 .....	7 445	7 330	3 350	3 445	445	90	135	48	69	6	12
\$10,000 to \$14,999 .....	5 520	5 452	2 540	2 565	285	62	68	28	40		
\$15,000 to \$24,999 .....	1 536	1 509	733	650	98	28	27		22	5	
\$25,000 or more .....	440	435	293	115	14	13	5	5			
Median .....	\$5 700	\$5 800	\$5 200	\$6 600	\$7 500	\$6 600	\$3 200	\$2 400	\$3 700	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	37 377	36 081	19 818	14 321	1 520	422	1 296	523	709	22	42
Less than 10 percent .....	2 378	2 198	1 071	908	161	58	180	31	144	5	
10 to 14 percent .....	5 571	5 377	2 661	2 406	244	66	194	64	117		13
15 to 19 percent .....	6 407	6 233	3 059	2 822	289	63	174	37	121	11	5
20 to 24 percent .....	4 756	4 640	2 401	1 986	222	31	116	44	66	6	
25 to 34 percent .....	5 366	5 237	2 976	1 908	281	72	129	74	50		5
35 percent or more .....	10 963	10 560	6 470	3 694	281	115	403	229	160		14
Not computed .....	1 936	1 836	1 180	597	42	17	100	44	51		5
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	12 165	11 708	6 795	4 351	389	173	457	142	299	5	11
Warm-air furnace .....	20 276	19 643	10 598	6 022	868	155	633	273	323	11	26
Built-in electric units .....	1 423	1 402	658	663	35	46	21	5	11		5
Floor, wall, or pipeless furnace .....	763	758	359	336	42	21	5	5			
Other means .....	2 808	2 628	1 412	1 000	186	30	180	98	76	6	
None .....	20	20	11	4	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-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]

Syracuse	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>	<b>30 201</b>	<b>29</b>	<b>59</b>	<b>456</b>	<b>1 721</b>	<b>5 785</b>	<b>10 422</b>	<b>6 093</b>	<b>5 636</b>	<b>6.2</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	29 647	26	65	395	1 706	5 511	10 285	5 922	5 737	6.2
<b>PERSONS</b>										
1 person	4 894	14	38	235	568	1 198	1 691	669	481	5.7
2 persons	9 865	5	9	151	747	2 445	3 471	1 717	1 320	6.0
3 persons	5 198	10	4	37	262	1 000	1 955	1 067	863	6.2
4 persons	4 246	-	-	16	79	626	1 548	1 083	894	6.4
5 persons	2 773	-	8	14	39	356	931	685	740	6.6
6 persons or more	3 225	-	-	3	26	160	826	872	1 338	7.2
Median	2.6	...	...	1.5	1.9	2.2	2.5	3.1	3.7	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	29 878	24	54	412	1 669	5 696	10 369	6 048	5 606	6.2
0.50 or less	19 399	-	33	217	1 263	3 580	7 076	3 419	3 811	6.2
0.51 to 1.00	9 500	9	9	162	341	1 940	2 882	2 430	1 707	6.3
1.01 to 1.50	866	-	4	16	48	139	392	179	88	6.1
1.51 or more	113	15	8	17	17	17	19	20	-	4.5
Lacking some or all plumbing facilities	323	5	5	44	52	89	53	45	30	5.2
0.50 or less	238	-	5	18	52	63	41	34	25	5.2
0.51 to 1.00	81	5	-	26	-	22	12	11	5	...
1.01 to 1.50	4	-	-	-	-	4	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1	929	18	59	344	290	162	37	19	-	3.7
2	6 727	-	-	159	1 011	3 630	1 504	343	80	5.1
3	15 284	-	-	-	73	2 447	8 203	3 413	1 148	6.1
4 or more	7 098	-	-	-	-	17	632	2 352	4 097	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	39	-	-	-	5	-	10	-	24	...
1960 to 1968	1 223	-	12	19	73	327	350	151	291	6.0
1950 to 1959	4 207	-	-	24	414	1 358	1 280	688	443	5.7
1949 or earlier	24 732	29	47	413	1 229	4 100	8 782	5 254	4 878	6.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	24 961	19	54	328	1 512	4 979	9 436	4 966	3 667	6.1
2 or more	4 726	7	11	67	221	540	849	961	2 070	7.2
None or also used by another household	512	7	-	42	67	167	99	84	46	5.3
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	21 982	10	17	137	900	3 373	7 364	5 074	5 107	6.4
Less than 1.5	9 577	-	8	42	287	1 254	3 152	2 402	2 432	6.5
1.5 to 1.9	4 168	5	-	27	151	677	1 352	1 050	906	6.4
2.0 to 2.9	3 532	-	4	33	156	616	1 189	728	806	6.3
3.0 or more	4 516	5	-	35	287	786	1 580	875	943	6.2
Not computed	189	-	-	-	19	40	91	19	20	5.9
<b>Renter occupied housing units</b>	<b>37 455</b>	<b>2 192</b>	<b>2 553</b>	<b>8 244</b>	<b>9 070</b>	<b>7 272</b>	<b>5 376</b>	<b>1 832</b>	<b>914</b>	<b>4.1</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	34 968	1 038	2 224	7 792	8 756	7 271	5 204	1 760	923	4.2
<b>PERSONS</b>										
1 person	13 288	2 004	2 020	4 792	2 509	1 145	579	163	76	3.0
2 persons	10 648	137	435	2 706	3 480	2 216	1 292	289	93	4.1
3 persons	5 651	30	62	503	1 810	1 696	1 227	221	102	4.7
4 persons	3 460	9	27	151	900	1 055	617	388	113	5.1
5 persons	2 013	12	-	55	244	654	681	206	161	5.6
6 persons or more	2 395	-	9	37	127	506	780	565	371	6.2
Median	2.0	1.0	1.1	1.4	2.1	2.7	3.2	4.1	5.0	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	36 159	1 591	2 311	7 991	8 966	7 213	5 355	1 832	900	4.2
0.50 or less	19 833	-	1 828	4 618	5 901	3 329	3 077	673	407	4.1
0.51 to 1.00	14 376	1 445	390	3 136	2 705	3 378	1 853	1 031	438	4.3
1.01 to 1.50	1 525	-	57	145	325	451	402	90	55	5.0
1.51 or more	425	146	36	92	35	55	23	38	-	2.8
Lacking some or all plumbing facilities	1 296	601	242	253	104	59	21	-	16	1.7
0.50 or less	523	-	192	174	88	32	21	-	16	2.9
0.51 to 1.00	709	559	45	73	5	27	-	-	-	1.1
1.01 to 1.50	22	-	5	6	11	-	-	-	-	...
1.51 or more	42	42	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None	2 551	2 121	394	36	-	-	-	-	-	1.1
1	12 264	-	2 319	7 702	1 898	247	71	-	27	3.0
2	13 730	-	-	367	7 320	4 881	906	238	18	4.4
3 or more	8 896	-	-	-	107	1 584	4 594	1 826	785	6.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	614	112	47	164	213	48	24	-	6	3.4
1960 to 1968	5 603	712	526	1 416	2 054	638	196	57	4	3.6
1950 to 1959	2 824	139	262	732	964	500	168	34	25	3.8
1949 or earlier	28 414	1 229	1 718	5 932	5 839	6 086	4 988	1 741	881	4.4
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	34 940	1 519	2 245	7 820	8 622	7 205	5 116	1 658	755	4.2
2 or more	774	44	34	46	141	125	114	102	168	5.5
None or also used by another household	1 771	651	206	404	205	177	70	37	21	2.6
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	37 377	2 192	2 550	8 238	9 065	7 247	5 371	1 821	893	4.1
Less than 10 percent	2 378	174	105	463	616	529	321	97	73	4.2
10 to 14 percent	5 571	293	273	982	1 417	1 240	996	283	87	4.4
15 to 19 percent	6 407	298	376	1 288	1 576	1 389	1 044	318	118	4.3
20 to 24 percent	4 756	237	327	1 148	1 131	974	640	220	79	4.1
25 to 34 percent	5 366	276	373	1 233	1 292	1 008	778	282	124	4.1
35 percent or more	10 963	749	986	2 776	2 776	1 745	1 226	509	254	3.9
Not computed	1 936	165	110	348	315	362	366	112	158	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 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]

**Syracuse**

	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>30 201</b>	<b>4 894</b>	<b>9 865</b>	<b>5 198</b>	<b>4 246</b>	<b>2 773</b>	<b>1 345</b>	<b>1 139</b>	<b>741</b>	<b>2.6</b>
<b>BEDROOMS</b>										
None and 1 .....	929	503	323	68	—	17	18	—	—	—
2 .....	6 727	1 630	3 334	1 120	408	147	38	13	37	1.4
3 .....	15 284	2 154	4 291	3 213	2 768	1 644	693	430	91	2.0
4 or more .....	7 098	516	1 790	823	1 020	980	591	759	619	2.9
<b>YEAR STRUCTURE BUILT</b>										
1949 to March 1970 .....	39	—	5	9	5	15	—	—	—	—
1945 to 1948 .....	218	24	52	20	29	52	25	7	5	3.9
1940 to 1944 .....	1 005	102	273	165	167	131	88	40	39	3.3
1930 to 1939 .....	4 207	410	1 398	897	727	426	166	114	69	2.8
1920 to 1929 .....	2 013	275	653	359	343	224	97	62	—	2.7
1939 or earlier .....	22 719	4 083	7 484	3 748	2 975	1 925	969	916	619	2.5
<b>UNITS IN STRUCTURE</b>										
1 .....	22 485	3 110	7 019	3 958	3 414	2 239	1 123	965	657	2.8
2 or more .....	7 716	1 784	2 846	1 240	832	534	222	174	84	2.2
Mobile home or trailer .....	—	—	—	—	—	—	—	—	—	—
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	24 961	4 258	8 385	4 193	3 525	2 215	1 041	837	507	2.5
2 and 2 1/2 .....	3 765	1 106	1 893	693	553	473	222	209	153	3.1
3 or more .....	961	128	210	159	156	83	81	85	59	3.4
None or also used by another household .....	512	152	206	76	43	12	23	—	—	2.0
<b>HOUSEHOLD COMPOSITION</b>										
<i>Two-or-more-person households</i>										
Male head, wife present, no nonrelatives .....	25 307	—	9 865	5 198	4 246	2 773	1 345	1 139	741	3.0
Under 25 years .....	20 791	—	7 223	4 211	3 756	2 552	1 275	1 059	715	3.3
25 to 34 years .....	223	—	97	55	42	13	11	5	—	2.8
35 to 44 years .....	2 021	—	256	294	650	426	244	86	65	4.2
45 to 64 years .....	3 648	—	176	409	934	878	448	433	370	4.8
65 years and over .....	10 379	—	3 332	2 662	1 908	1 179	546	478	274	3.2
Other male head .....	4 520	—	3 362	791	222	56	26	6	6	2.2
Under 65 years .....	1 276	—	693	292	158	64	14	33	22	2.4
65 years and over .....	780	—	358	187	112	64	9	28	22	2.7
Female head .....	496	—	105	46	—	—	—	—	—	2.2
Under 65 years .....	3 240	—	1 949	695	332	157	56	5	4	2.3
65 years and over .....	1 832	—	915	459	245	121	52	36	4	2.5
One-person households .....	1 408	—	1 034	236	87	36	4	11	—	2.2
One-person households .....	4 894	—	—	—	—	—	—	—	—	1.0
<b>VALUE-INCOME RATIO</b>										
<i>Specified owner occupied<sup>1</sup></i>										
Less than 1.5 .....	21 982	3 040	6 880	3 861	3 343	2 193	1 102	917	646	2.8
1.5 to 1.9 .....	9 577	371	2 330	2 123	1 894	1 261	632	566	400	3.5
2.0 to 2.4 .....	4 168	252	1 306	820	703	533	255	190	109	3.1
2.5 to 2.9 .....	2 259	276	862	319	366	176	87	99	74	2.5
3.0 to 3.9 .....	1 273	197	535	198	142	70	68	28	35	2.3
4.0 or more .....	1 517	386	703	180	105	74	38	21	10	2.0
Not computed .....	2 999	1 416	1 111	212	128	79	22	13	18	1.6
Not computed .....	189	142	33	9	5	—	—	—	—	1.2
<b>Renter occupied housing units</b> .....	<b>37 455</b>	<b>13 288</b>	<b>10 648</b>	<b>5 651</b>	<b>3 460</b>	<b>2 013</b>	<b>1 094</b>	<b>839</b>	<b>462</b>	<b>2.0</b>
<b>BEDROOMS</b>										
None .....	2 551	2 341	98	63	24	25	—	—	—	1.0
1 .....	12 264	7 645	3 775	528	188	63	23	42	—	1.3
2 .....	13 730	2 766	5 302	3 236	1 560	659	161	22	24	2.3
3 or more .....	8 896	619	1 494	1 497	1 822	1 374	970	724	396	4.0
<b>YEAR STRUCTURE BUILT</b>										
1949 to March 1970 .....	614	288	237	49	15	8	6	6	5	1.6
1945 to 1948 .....	2 767	1 229	864	323	206	92	37	5	11	1.7
1940 to 1944 .....	2 836	1 057	1 051	337	199	61	44	64	23	1.8
1930 to 1939 .....	2 824	992	886	409	232	121	83	18	18	2.0
1920 to 1929 .....	3 515	1 089	950	714	387	165	94	73	43	2.2
1939 or earlier .....	24 899	8 633	6 660	3 819	2 421	1 566	830	608	362	2.1
<b>UNITS IN STRUCTURE</b>										
1 .....	3 534	510	693	624	561	366	321	273	186	3.4
2 .....	10 921	2 197	3 181	2 293	1 318	1 019	431	305	177	2.5
3 and 4 .....	7 630	2 686	2 374	1 231	724	291	181	104	39	2.0
5 to 9 .....	5 245	2 316	1 462	735	421	152	77	57	25	1.7
10 to 19 .....	4 013	1 783	1 322	457	243	100	36	44	28	1.7
20 or more .....	6 108	3 796	1 612	311	193	85	48	56	7	1.3
Mobile home or trailer .....	4	—	4	—	—	—	—	—	—	—
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	34 940	11 977	10 058	5 482	3 296	1 919	1 004	770	434	2.0
2 or more .....	774	158	216	110	102	33	53	61	41	2.6
None or also used by another household .....	1 771	1 141	351	120	69	63	14	13	—	1.3
<b>HOUSEHOLD COMPOSITION</b>										
<i>Two-or-more-person households</i>										
Male head, wife present, no nonrelatives .....	15 926	—	6 576	3 733	2 423	1 492	814	579	309	2.8
Under 25 years .....	3 112	—	1 533	1 028	417	110	10	14	—	2.5
25 to 34 years .....	5 204	—	1 407	1 456	1 164	637	277	189	74	3.3
35 to 44 years .....	2 253	—	440	265	345	437	366	242	158	4.7
45 to 64 years .....	3 486	—	1 605	793	454	279	155	123	77	2.7
65 years and over .....	1 871	—	1 591	191	43	29	6	11	—	2.1
Other male head .....	1 846	—	1 137	422	160	62	35	21	9	2.3
Under 65 years .....	1 631	—	979	393	142	57	35	16	9	2.3
65 years and over .....	215	—	158	29	18	5	—	5	—	2.2
Female head .....	6 395	—	2 935	1 496	877	459	245	239	144	2.7
Under 65 years .....	5 671	—	2 358	1 412	833	448	237	239	144	2.8
65 years and over .....	724	—	577	84	44	11	8	—	—	2.1
One-person households .....	13 288	—	—	—	—	—	—	—	—	1.0
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<i>Specified renter occupied<sup>2</sup></i>										
Less than 10 percent .....	37 377	13 273	10 642	5 640	3 452	2 004	1 090	827	449	2.0
10 to 14 percent .....	2 378	602	773	371	233	159	111	90	39	2.3
15 to 19 percent .....	5 571	1 267	1 847	1 059	706	328	192	122	50	2.3
20 to 24 percent .....	6 407	1 713	1 942	1 160	732	441	226	102	91	2.3
25 to 34 percent .....	4 756	1 611	1 347	807	468	224	144	119	36	2.1
35 percent or more .....	5 366	2 065	1 504	627	422	324	152	146	126	1.9
Not computed .....	10 963	5 119	2 808	1 325	742	451	217	204	97	1.6
Not computed .....	1 936	896	421	291	149	77	48	44	10	1.7

<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-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]

Syracuse					Syracuse				
	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	384	68	161	155	Vacant for rent	2 764	1 544	799	421
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	18	4	3	11	1 room	522	455	47	20
4 rooms	26	3	15	8	2 rooms	204	78	93	33
5 rooms	82	19	38	25	3 rooms	621	330	189	102
6 rooms	128	24	53	51	4 rooms	587	331	179	77
7 rooms or more	130	18	52	60	5 rooms	420	175	156	89
					6 rooms	242	107	77	58
					7 rooms or more	168	68	58	42
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities	381	68	161	152	With all plumbing facilities	2 324	1 199	745	380
Lacking some or all plumbing facilities	3	-	-	3	Lacking some or all plumbing facilities	440	345	54	41
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1	-	-	-	-	None	364	300	49	15
2	73	20	33	20	1	1 052	637	325	90
3	173	41	27	105	2	946	425	332	189
4 or more	42	14	28	-	3 or more	478	269	118	91
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970	6	3	3	-	1969 to March 1970	23	7	-	16
1960 to 1968	18	3	8	7	1960 to 1968	261	183	49	29
1950 to 1959	34	4	22	8	1950 to 1959	94	45	45	4
1949 or earlier	326	58	128	140	1949 or earlier	2 386	1 309	705	372
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1	269	46	117	106	1	181	77	69	35
2 or more	115	22	44	49	2 to 4	1 046	491	366	189
					5 to 9	425	209	155	61
					10 to 19	445	269	95	81
					20 or more	667	498	114	55
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water	32	5	3	24	Specified vacant for rent <sup>2</sup>	2 760	1 544	795	421
Warm-air furnace	328	56	156	116	Less than \$50	177	99	39	39
Built-in electric units	7	-	-	7	\$50 to \$59	192	117	55	20
Floor, wall, or pipeless furnace	4	4	-	4	\$60 to \$79	568	309	154	105
Other means	9	3	2	4	\$80 to \$99	812	432	269	111
None	4	-	-	4	\$100 to \$119	499	301	106	92
					\$120 to \$149	325	189	95	41
					\$150 to \$199	109	45	51	13
					\$200 or more	78	52	26	-
					Median rent asked	\$91	\$91	\$91	\$88
<b>SALES PRICE ASKED</b>									
Specified vacant for sale <sup>1</sup>	261	46	117	98					
Less than \$5,000	8	4	4	-					
\$5,000 to \$9,999	42	6	8	28					
\$10,000 to \$14,999	82	17	25	40					
\$15,000 to \$19,999	83	4	63	16					
\$20,000 to \$24,999	22	7	9	6					
\$25,000 to \$34,999	11	3	8	-					
\$35,000 to \$49,999	9	5	-	4					
\$50,000 or more	4	-	-	4					
Median price asked	\$14 900	...	\$16 700	...					

<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]

Syracuse	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 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more	
Total	261	50	82	83	22	11	13	2 760	369	568	812	824	109	78
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities	209	48	104	43	14	-	-	2 510	139	385	1 013	743	155	75
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	330	120	136	57	17	-	-
<b>BEDROOMS</b>														
None and 1	-	-	-	-	-	-	-	1 416	206	338	544	238	70	20
2	54	20	20	14	-	-	-	946	35	151	369	323	48	20
3	113	14	84	15	-	-	-	382	18	17	139	153	20	35
4 or more	42	14	-	14	14	-	-	96	-	15	18	46	17	-
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970	6	-	3	3	-	-	-	23	3	3	7	6	4	-
1960 to 1968	15	-	3	-	-	8	4	261	8	15	38	128	35	37
1950 to 1959	26	4	-	14	4	-	4	94	4	13	8	53	16	-
1949 or earlier	214	46	76	66	18	3	5	2 382	354	537	759	637	54	41
<b>UNITS IN STRUCTURE</b>														
1	...	...	...	...	...	...	...	177	29	24	55	57	9	3
2 to 4	...	...	...	...	...	...	...	1 046	80	243	387	307	29	-
5 to 19	...	...	...	...	...	...	...	870	140	154	258	276	28	14
20 or more	...	...	...	...	...	...	...	667	120	147	112	184	43	61
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included	...	...	...	...	...	...	...	1 526	259	308	380	451	71	57
Some or no utilities included	...	...	...	...	...	...	...	1 234	110	260	432	373	38	21

<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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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.)



APPENDIX B—Continued

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

<p><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>Answer these questions for your living quarters</b></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? _____</p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></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>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</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>H4.</b> How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</p> <table style="width: 100%; border: none;"> <tr> <td><input type="radio"/> 1 room</td> <td><input type="radio"/> 6 rooms</td> </tr> <tr> <td><input type="radio"/> 2 rooms</td> <td><input type="radio"/> 7 rooms</td> </tr> <tr> <td><input type="radio"/> 3 rooms</td> <td><input type="radio"/> 8 rooms</td> </tr> <tr> <td><input type="radio"/> 4 rooms</td> <td><input type="radio"/> 9 rooms or more</td> </tr> <tr> <td><input type="radio"/> 5 rooms</td> <td></td> </tr> </table> <p><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</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p> <p><b>H6.</b> Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p> <p><b>H7.</b> Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p> <p><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>	<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.</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><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. If "Yes"—</b> 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> 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="12" 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> </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—</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>	<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%;">#4. Block number</th> <th style="width: 50%;">#5. Serial number</th> </tr> </thead> <tbody> <tr><td>0 0 0 0 0 0</td><td>0 0 0 0 0 0</td></tr> <tr><td>1 0 0 0 1 0 0 0 1</td><td>1 0 0 0 1 0 0 0 1</td></tr> <tr><td>2 0 0 0 2 0 0 0 2</td><td>2 0 0 0 2 0 0 0 2</td></tr> <tr><td>3 0 0 0 3 0 0 0 3</td><td>3 0 0 0 3 0 0 0 3</td></tr> <tr><td>4 0 0 0 4 0 0 0 4</td><td>4 0 0 0 4 0 0 0 4</td></tr> <tr><td>5 0 0 0 5 0 0 0 5</td><td>5 0 0 0 5 0 0 0 5</td></tr> <tr><td>6 0 0 0 6 0 0 0 6</td><td>6 0 0 0 6 0 0 0 6</td></tr> <tr><td>7 0 0 0 7 0 0 0 7</td><td>7 0 0 0 7 0 0 0 7</td></tr> <tr><td>8 0 0 0 8 0 0 0 8</td><td>8 0 0 0 8 0 0 0 8</td></tr> <tr><td>9 0 0 0 9 0 0 0 9</td><td>9 0 0 0 9 0 0 0 9</td></tr> </tbody> </table> <p><b>B. Type of unit or quarters</b></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 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</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>D. Months vacant</b></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>C/O</b>    <input type="radio"/>    <input type="radio"/></p>	#4. Block number	#5. Serial number	0 0 0 0 0 0	0 0 0 0 0 0	1 0 0 0 1 0 0 0 1	1 0 0 0 1 0 0 0 1	2 0 0 0 2 0 0 0 2	2 0 0 0 2 0 0 0 2	3 0 0 0 3 0 0 0 3	3 0 0 0 3 0 0 0 3	4 0 0 0 4 0 0 0 4	4 0 0 0 4 0 0 0 4	5 0 0 0 5 0 0 0 5	5 0 0 0 5 0 0 0 5	6 0 0 0 6 0 0 0 6	6 0 0 0 6 0 0 0 6	7 0 0 0 7 0 0 0 7	7 0 0 0 7 0 0 0 7	8 0 0 0 8 0 0 0 8	8 0 0 0 8 0 0 0 8	9 0 0 0 9 0 0 0 9	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. 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> <hr/> <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> <hr/> <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> <hr/> <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? 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? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p><b>H16.</b> Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p><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? 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

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?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <hr/> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <hr/> <p>c. Water? <input checked="" type="checkbox"/></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p><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 type="radio"/> 13 stories or more <input checked="" type="checkbox"/></p> <hr/> <p>b. If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p><b>H25a.</b> Which fuel is used most for cooking?</p> <table border="0"> <tr> <td>Gas</td> <td>{ From underground pipes serving the neighborhood.</td> <td><input type="radio"/></td> <td>Coal or coke</td> <td><input type="radio"/></td> </tr> <tr> <td></td> <td>Bottled, tank, or LP</td> <td><input type="radio"/></td> <td>Wood</td> <td><input type="radio"/></td> </tr> <tr> <td>Electricity</td> <td></td> <td><input type="radio"/></td> <td>Other fuel</td> <td><input type="radio"/></td> </tr> <tr> <td>Fuel oil, kerosene, etc.</td> <td></td> <td><input type="radio"/></td> <td>No fuel used</td> <td><input type="radio"/></td> </tr> </table> <hr/> <p>b. Which fuel is used most for house heating?</p> <table border="0"> <tr> <td>Gas</td> <td>{ From underground pipes serving the neighborhood.</td> <td><input type="radio"/></td> <td>Coal or coke</td> <td><input type="radio"/></td> </tr> <tr> <td></td> <td>Bottled, tank, or LP</td> <td><input type="radio"/></td> <td>Wood</td> <td><input type="radio"/></td> </tr> <tr> <td>Electricity</td> <td></td> <td><input type="radio"/></td> <td>Other fuel</td> <td><input type="radio"/></td> </tr> <tr> <td>Fuel oil, kerosene, etc.</td> <td></td> <td><input type="radio"/></td> <td>No fuel used</td> <td><input type="radio"/></td> </tr> </table> <hr/> <p>c. Which fuel is used most for water heating?</p> <table border="0"> <tr> <td>Gas</td> <td>{ From underground pipes serving the neighborhood.</td> <td><input type="radio"/></td> <td>Coal or coke</td> <td><input type="radio"/></td> </tr> <tr> <td></td> <td>Bottled, tank, or LP</td> <td><input type="radio"/></td> <td>Wood</td> <td><input type="radio"/></td> </tr> <tr> <td>Electricity</td> <td></td> <td><input type="radio"/></td> <td>Other fuel</td> <td><input type="radio"/></td> </tr> <tr> <td>Fuel oil, kerosene, etc.</td> <td></td> <td><input type="radio"/></td> <td>No fuel used</td> <td><input type="radio"/></td> </tr> </table>	Gas	{ From underground pipes serving the neighborhood.	<input type="radio"/>	Coal or coke	<input type="radio"/>		Bottled, tank, or LP	<input type="radio"/>	Wood	<input type="radio"/>	Electricity		<input type="radio"/>	Other fuel	<input type="radio"/>	Fuel oil, kerosene, etc.		<input type="radio"/>	No fuel used	<input type="radio"/>	Gas	{ From underground pipes serving the neighborhood.	<input type="radio"/>	Coal or coke	<input type="radio"/>		Bottled, tank, or LP	<input type="radio"/>	Wood	<input type="radio"/>	Electricity		<input type="radio"/>	Other fuel	<input type="radio"/>	Fuel oil, kerosene, etc.		<input type="radio"/>	No fuel used	<input type="radio"/>	Gas	{ From underground pipes serving the neighborhood.	<input type="radio"/>	Coal or coke	<input type="radio"/>		Bottled, tank, or LP	<input type="radio"/>	Wood	<input type="radio"/>	Electricity		<input type="radio"/>	Other fuel	<input type="radio"/>	Fuel oil, kerosene, etc.		<input type="radio"/>	No fuel used	<input type="radio"/>
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15 and 5 percent

5 percent

APPENDIX B—Continued

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

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

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

## Appendix C.—ACCURACY OF THE DATA

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

### SOURCES OF ERROR

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

### EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

### SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<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



can be computed in a similar manner by multiplying the standard error by the appropriate factors before subtracting 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.

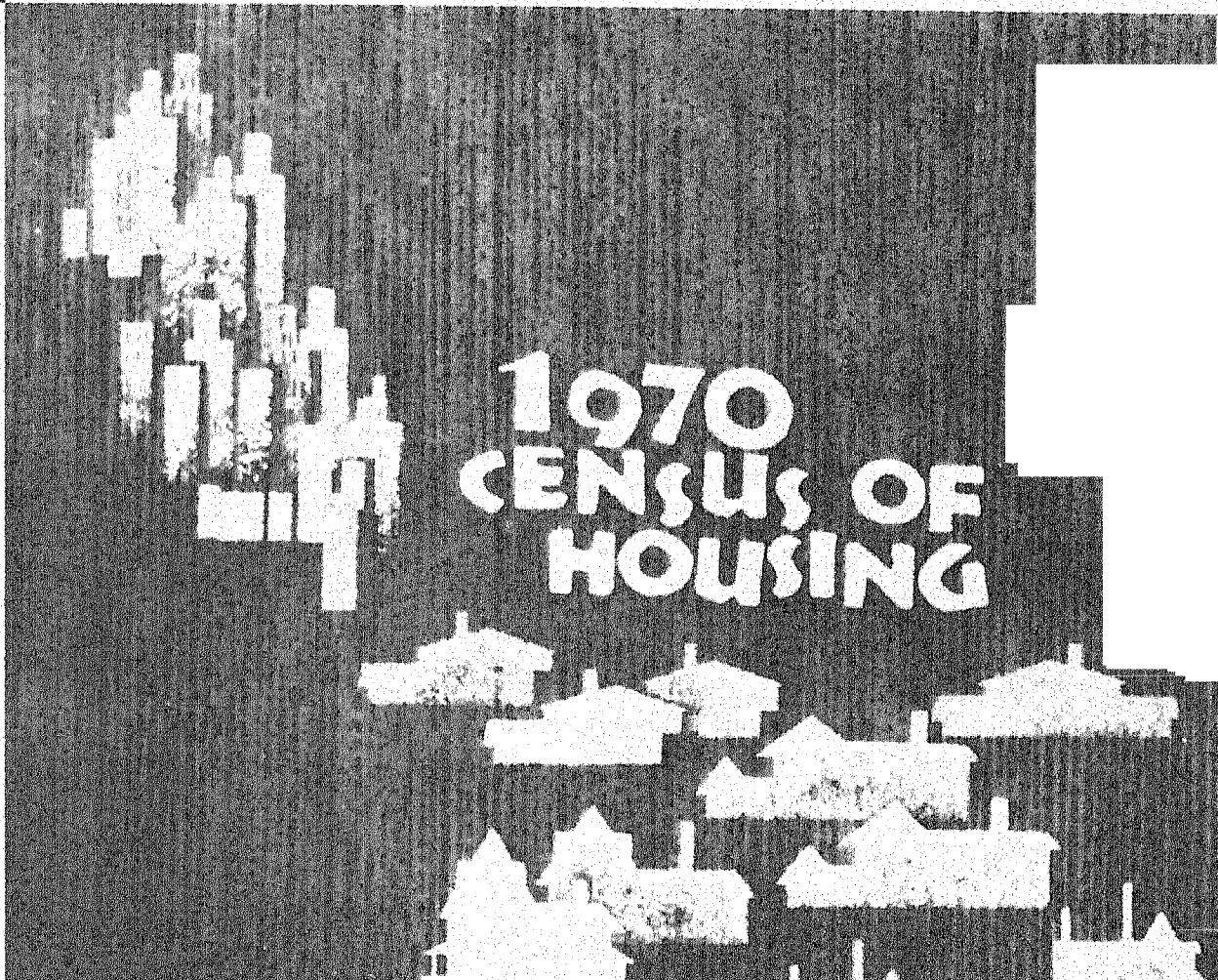
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# Metropolitan Housing Characteristics

TACOMA, WASH.  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-216



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### HOUSING DIVISION

Arthur F. Young, Chief

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**1970  
CENSUS OF  
HOUSING**

Metropolitan  
Housing  
Characteristics

**TACOMA, WASH.  
STANDARD METROPOLITAN  
STATISTICAL AREA**

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Report number	Area	Report number	Area	Report number	Area
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128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Stamford, Conn. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, Oreg.-Wash. SMSA	213	Steubenville-Weirton, Ohio-W. Va. SMSA
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131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
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139	Montgomery, Ala. SMSA	181	Rochester, Minn. SMSA	223	Trenton, N.J. 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>	—	—	—	—	—	—
Rent asked	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
Inclusion of utilities in rent	—	—	—	—	—	—	—	—	9	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

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B. Definitions and Explanations of Subject Characteristics ...	App-2
C. Accuracy of the Data .....	App-14
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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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**Tacoma, Wash.**

STANDARD METROPOLITAN STATISTICAL AREA

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**MAP**

Counties, Standard Metropolitan  
Statistical Areas, and Selected Places XI

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# Counties, Standard Metropolitan Statistical Areas, and Selected Places

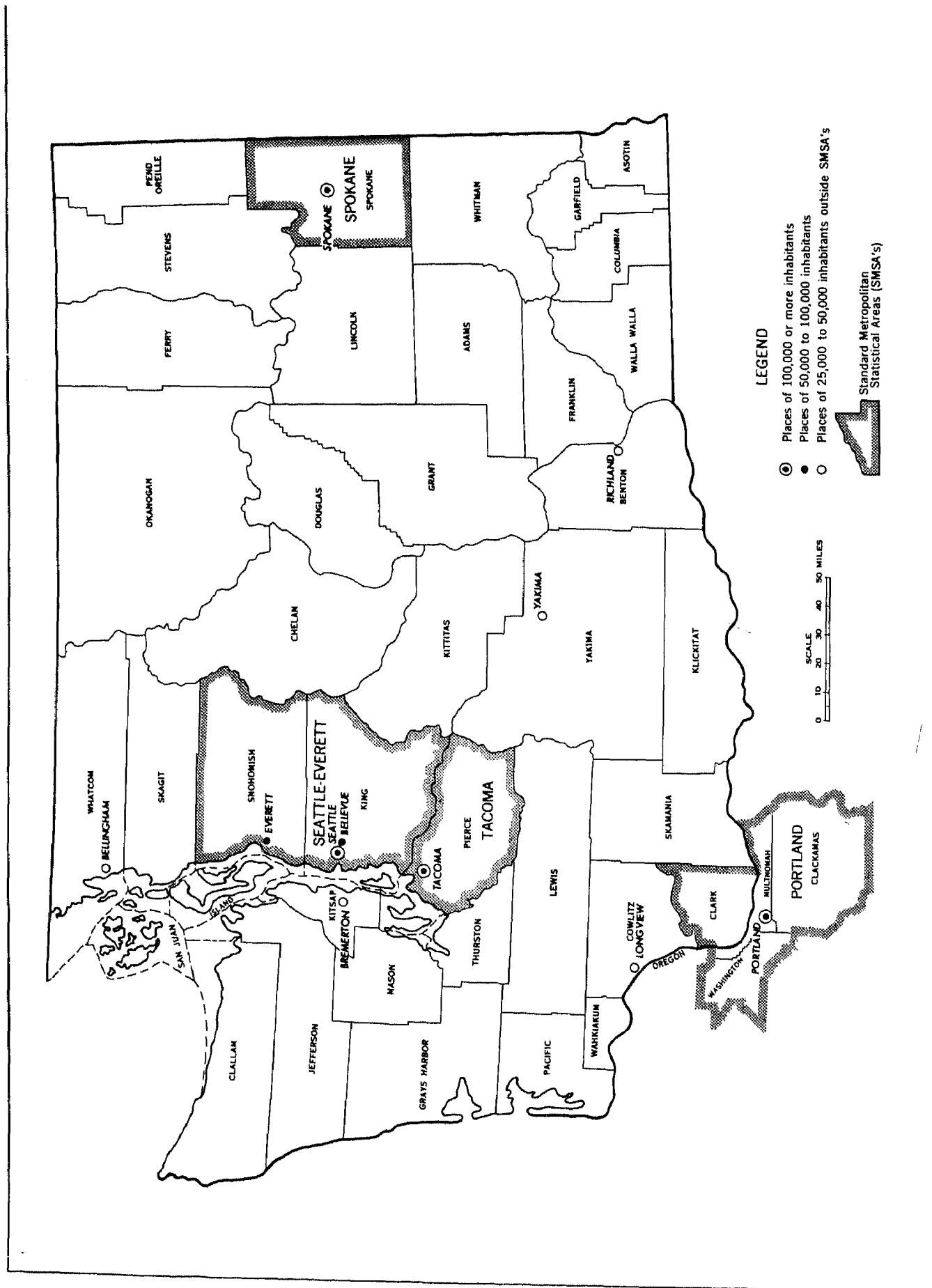




Table A-1. Value of Owner Occupied Housing Units: 1970

[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>71 563</b>	<b>960</b>	<b>3 046</b>	<b>5 301</b>	<b>8 329</b>	<b>8 598</b>	<b>18 960</b>	<b>11 868</b>	<b>9 679</b>	<b>3 409</b>	<b>1 413</b>	<b>17 600</b>
<b>ROOMS</b>												
1 and 2 rooms	333	78	41	70	54	18	20	21	20	5	6	9 200
3 rooms	2 102	247	587	330	316	201	230	106	60	15	10	9 100
4 rooms	10 115	292	1 010	1 896	2 369	1 779	1 850	508	324	74	13	12 000
5 rooms	18 547	150	741	1 664	2 516	2 957	6 152	2 708	1 267	324	68	16 000
6 rooms	19 068	110	431	822	1 930	2 112	6 079	4 297	2 613	531	143	18 600
7 rooms	11 608	39	168	413	752	1 067	3 110	2 519	2 600	716	224	20 500
8 rooms or more	9 790	44	68	106	392	464	1 519	1 709	2 795	1 744	949	27 100
Median	5.7	4.0	4.4	4.7	5.1	5.3	5.7	6.1	6.7	7.5	7.5+	...
<b>PERSONS</b>												
1 person	8 268	448	1 133	1 365	1 425	1 171	1 431	661	418	110	106	12 100
2 persons	21 896	320	1 161	1 948	3 106	2 927	5 509	3 206	2 422	925	372	16 300
3 persons	12 225	45	297	698	1 441	1 449	3 522	2 156	1 825	581	211	18 100
4 persons	12 680	58	205	557	1 003	1 338	3 912	2 605	2 034	715	253	19 100
5 persons	8 536	32	100	363	706	1 230	2 346	1 723	1 230	565	251	19 600
6 persons or more	7 958	57	150	370	648	783	2 240	1 517	1 460	513	220	19 500
Median	3.0	1.6	1.8	2.2	2.4	2.6	3.2	3.5	3.6	3.6	3.6	...
Units with roomers, boarders, or lodgers	1 206	5	40	108	151	166	346	171	124	55	40	16 800
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>71 023</b>	<b>863</b>	<b>2 986</b>	<b>5 216</b>	<b>8 270</b>	<b>8 544</b>	<b>18 861</b>	<b>11 830</b>	<b>9 651</b>	<b>3 389</b>	<b>1 413</b>	<b>17 400</b>
0.50 or less	38 949	626	2 055	3 366	4 912	4 699	9 083	5 868	5 194	2 165	981	17 000
0.51 to 1.00	28 975	190	785	1 524	2 935	3 429	8 806	5 475	4 243	1 172	411	18 300
1.01 to 1.50	2 665	25	108	283	348	449	852	449	194	47	15	16 400
1.51 or more	434	22	38	43	75	67	120	38	20	5	6	14 000
<b>Lacking some or all plumbing facilities</b>	<b>540</b>	<b>97</b>	<b>60</b>	<b>85</b>	<b>59</b>	<b>54</b>	<b>120</b>	<b>38</b>	<b>28</b>	<b>20</b>	<b>5</b>	<b>11 200</b>
0.50 or less	331	59	43	53	29	42	49	27	19	10	5	10 900
0.51 to 1.00	143	10	12	19	19	8	50	11	9	5	5	15 400
1.01 to 1.50	27	13	5	5	5	4	4	4	4	4	4	...
1.51 or more	39	15	5	8	11	11	11	11	11	11	11	...
<b>BEDROOMS</b>												
None and 1	3 271	273	780	603	506	439	436	129	84	-	21	9 900
2	19 097	339	1 254	2 613	4 182	3 382	4 176	1 648	928	454	121	13 400
3	33 976	105	712	1 727	2 434	3 719	10 468	7 345	5 455	1 588	423	19 000
4 or more	15 103	83	123	503	1 213	1 477	3 744	2 485	3 007	1 550	918	20 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	2 469	5	6	17	14	23	668	647	653	301	135	23 900
1965 to 1968	7 909	29	41	55	61	187	1 882	2 091	2 369	955	239	24 100
1960 to 1964	8 509	26	66	68	191	389	2 193	2 428	2 260	676	212	22 700
1950 to 1959	15 589	70	163	413	1 000	1 778	5 372	3 445	2 288	687	373	19 100
1940 to 1949	12 357	149	458	1 067	2 108	2 177	3 554	1 459	925	305	155	15 300
1939 or earlier	24 730	681	2 312	3 681	4 955	4 044	5 291	1 798	1 184	485	299	13 000
<b>COMPLETE BATHROOMS</b>												
1 and 1/2	57 884	788	2 940	5 053	7 957	7 979	17 533	9 700	4 799	929	206	16 200
2 and 2 1/2	10 941	28	32	100	230	321	1 345	2 084	4 488	1 704	609	28 000
3 or more	1 884	-	8	-	6	15	24	59	477	699	596	42 600
None or also used by another household	912	187	118	135	124	70	149	52	50	27	-	10 300
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>63 295</b>	<b>512</b>	<b>1 913</b>	<b>3 936</b>	<b>6 904</b>	<b>7 427</b>	<b>17 529</b>	<b>11 207</b>	<b>9 261</b>	<b>3 299</b>	<b>1 307</b>	<b>18 200</b>
Male head, wife present, no nonrelatives	56 102	409	1 559	3 189	5 876	6 319	15 607	10 271	8 584	3 088	1 200	18 500
Under 25 years	1 510	19	53	100	241	253	582	10 171	6 67	23	-	15 700
25 to 34 years	10 227	45	121	443	967	1 200	3 339	2 197	1 454	368	93	18 700
35 to 44 years	13 257	35	177	507	971	1 136	3 754	2 834	2 553	936	354	20 100
45 to 64 years	23 910	181	694	1 317	2 538	2 804	6 215	4 125	3 847	1 541	648	18 500
65 years and over	7 198	129	514	822	1 159	924	1 717	1 717	663	220	105	15 100
Other male head	1 777	31	86	188	281	253	943	1 053	255	209	56	15 700
Under 65 years	1 465	10	64	121	219	223	368	255	192	50	50	16 600
65 years and over	312	21	22	67	62	30	315	315	192	50	50	16 600
Female head	5 416	72	268	559	747	855	1 554	681	468	155	57	11 900
Under 65 years	4 414	36	186	376	579	696	1 344	611	413	130	43	16 400
65 years and over	1 002	36	82	183	168	159	210	81	55	25	14	13 000
<b>One-person households</b>	<b>8 268</b>	<b>448</b>	<b>1 133</b>	<b>1 365</b>	<b>1 425</b>	<b>1 171</b>	<b>1 431</b>	<b>661</b>	<b>418</b>	<b>110</b>	<b>106</b>	<b>12 100</b>
Under 65 years	3 740	175	420	550	565	528	749	349	418	110	106	12 100
65 years and over	4 528	273	713	815	860	643	682	273	168	75	26	11 300
<b>INCOME IN 1969</b>												
Less than \$2,000	5 188	331	751	829	936	646	921	370	280	58	66	11 800
\$2,000 to \$2,999	2 943	129	387	520	531	489	538	168	136	40	5	12 100
\$3,000 to \$3,999	2 789	74	252	448	471	427	649	250	171	35	12	13 400
\$4,000 to \$4,999	2 570	76	216	304	443	393	590	331	153	47	17	14 100
\$5,000 to \$5,999	2 797	38	199	292	504	434	704	354	215	47	10	14 600
\$6,000 to \$6,999	3 316	78	234	325	574	539	819	392	259	71	25	14 600
\$7,000 to \$9,999	14 302	157	538	1 282	1 956	2 203	4 634	2 102	1 095	263	72	16 100
\$10,000 to \$14,999	21 519	63	390	989	2 200	2 432	6 710	4 633	3 114	765	223	18 600
\$15,000 to \$24,999	12 780	14	60	287	620	910	3 046	2 864	3 342	1 283	354	22 500
\$25,000 or more	3 359	-	19	25	94	125	349	404	914	800	629	32 300
Median	\$10 400	\$3 300	\$4 600	\$6 800	\$8 100	\$8 900	\$10 500	\$12 100	\$14 100	\$18 000	\$22 800	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	8 982	102	183	353	649	861	2 783	1 827	1 452	566	206	19 300
1968	6 767	82	123	323	576	544	1 953	1 311	1 297	430	128	19 500
1967	5 270	29	171	321	541	577	1 384	972	886	267	122	18 600
1965 and 1966	8 599	82	356	534	755	979	2 167	1 582	1 482	486	176	18 700
1960 to 1964	14 121	126	476	940	1 370	1 475	3 962	2 617	2 147	700	308	18 500
1950 to 1959	16 256	212	733	1 202	2 109	2 139	4 426	2 573	1 878	653	331	16 900
1949 or earlier	11 626	370	1 056	1 615	2 317	1 810	2 376	1 013	672	257	140	13 100
<b>HEATING EQUIPMENT</b>												
Steam or hot water	2 731	4	26	56	142	159	596	453	636	378	281	24 200
Warm-air furnace	40 379	130	618	1 631	3 444	4 514	11 578	8 029	7 120	2 384	931	19 300
Built-in electric units	13 549	119	409	914	1 561	1 890	4 382	2 371	1 294	467	142	17 300
Floor, wall, or pipeless furnace	3 912	34	324	642	1 002	639	790	281	143	45	12	12 400
Other means	10 972	673	1 660	2 058	2 174	1 391	1 614	734	486	135	47	11 300
None	20	-	9	-	6</							

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied <sup>1</sup>	40 964	1 566	1 182	1 772	2 625	5 703	6 902	8 472	5 814	1 391	161	5 376	114
<b>ROOMS</b>													
1 room	1 286	401	210	161	144	174	82	54	5	-	4	51	60
2 rooms	3 911	442	381	496	552	667	597	568	107	5	-	96	81
3 rooms	9 652	389	352	640	956	2 173	1 949	2 123	504	26	16	524	101
4 rooms	11 462	222	119	269	615	1 477	2 146	3 188	2 270	245	20	891	124
5 rooms	8 218	89	106	140	232	834	1 293	1 338	1 451	457	12	2 266	126
6 rooms	3 962	13	14	53	77	265	530	756	1 011	313	29	901	143
7 rooms	1 621	5	-	13	28	71	219	314	311	206	21	433	145
8 rooms or more	852	5	-	-	21	42	86	131	155	139	59	214	161
Median	3.8	2.4	2.5	2.9	3.1	3.4	3.9	4.0	4.5	5.4	6.5	5.0	...
<b>PERSONS</b>													
1 person	12 038	1 254	843	1 178	1 438	2 355	1 703	1 702	745	89	11	720	87
2 persons	12 043	176	201	417	706	1 677	2 452	3 112	1 768	335	43	1 156	118
3 persons	6 738	64	79	71	216	777	1 299	1 801	1 173	222	19	1 017	126
4 persons	4 859	34	21	68	122	442	780	968	957	318	26	1 123	132
5 persons	2 724	18	23	18	98	188	384	439	605	191	26	734	138
6 persons or more	2 562	20	15	20	45	264	284	450	566	236	36	626	141
Median	2.1	1.1	1.2	1.3	1.4	1.8	2.2	2.3	2.8	3.7	3.8	3.3	...
Units with roomers, boarders, or lodgers	889	20	9	32	55	83	130	212	243	49	10	46	133
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
With all plumbing facilities	39 661	1 045	923	1 649	2 498	5 599	6 861	8 445	5 809	1 385	185	5 292	116
0.50 or less	18 927	744	604	1 175	1 604	2 957	3 086	3 718	2 543	542	73	1 879	109
0.51 to 1.00	18 211	255	283	419	776	2 325	3 322	4 194	2 834	752	78	2 973	122
1.01 to 1.50	2 007	22	20	26	93	239	363	419	377	74	-	374	124
1.51 or more	516	22	16	29	25	78	90	114	55	17	4	66	112
Lacking some or all plumbing facilities	1 303	521	259	123	127	104	41	27	5	6	6	84	93
0.50 or less	610	218	141	65	43	57	25	16	-	-	6	39	53
0.51 to 1.00	611	288	101	58	65	36	10	11	5	6	-	31	50
1.01 to 1.50	36	5	6	14	5	5	6	-	-	-	-	-	...
1.51 or more	46	10	11	-	5	6	-	-	-	-	-	-	...
<b>BEDROOMS</b>													
None	2 611	506	381	393	548	519	95	70	-	-	-	99	69
1	12 860	725	675	785	1 347	2 758	2 754	2 526	601	67	-	622	99
2	14 167	312	174	178	665	1 466	2 592	4 155	3 008	443	23	1 151	128
3 or more	11 433	71	19	19	210	728	1 448	1 667	2 296	1 220	81	3 674	145
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	2 107	85	16	15	49	99	211	695	726	166	4	41	144
1965 to 1968	6 451	235	58	56	74	208	751	2 305	1 783	438	48	495	141
1960 to 1964	5 512	52	51	54	92	379	935	1 404	920	326	39	1 260	132
1950 to 1959	7 389	80	81	120	168	1 038	1 471	1 304	983	229	42	1 873	117
1940 to 1949	6 740	292	201	375	596	1 316	1 439	1 294	581	84	-	562	104
1939 or earlier	12 765	822	775	1 152	1 646	2 663	2 095	1 470	821	148	28	1 145	90
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	2 340	238	199	108	449	660	306	205	91	-	23	61	83
With elevator	1 595	143	133	39	311	487	204	144	91	-	23	20	85
Walk-up	745	95	66	69	138	173	102	61	-	-	-	41	79
1 to 3 floors	38 731	1 376	1 050	1 267	2 321	4 811	6 583	8 213	5 814	1 730	81	5 485	118
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	37 345	989	833	1 722	2 399	5 519	6 658	8 274	5 533	775	54	4 589	115
2 or more	1 899	33	9	14	7	42	132	179	261	503	116	603	194
None or also used by another household	1 699	554	310	177	190	175	92	83	7	-	8	103	58
<b>INCOME IN 1969</b>													
Less than \$2,000	6 734	739	379	651	824	1 214	833	901	537	103	5	548	87
\$2,000 to \$2,999	3 692	340	169	240	417	779	664	589	215	23	-	256	93
\$3,000 to \$3,999	3 240	113	129	143	275	576	706	703	297	26	5	267	107
\$4,000 to \$4,999	3 561	74	111	153	221	559	732	781	371	47	-	512	111
\$5,000 to \$5,999	3 711	99	62	106	187	517	745	857	353	58	4	723	114
\$6,000 to \$6,999	3 342	33	112	87	133	360	743	734	489	62	10	579	118
\$7,000 to \$9,999	8 284	122	118	207	346	1 062	1 528	2 002	1 370	194	28	1 307	122
\$10,000 to \$14,999	6 064	24	92	157	175	558	678	1 500	1 533	443	45	859	138
\$15,000 to \$24,999	1 921	17	10	23	47	67	228	341	564	328	42	254	159
\$25,000 or more	415	5	-	5	-	11	45	64	85	107	22	71	175
Median	\$5 700	\$2 100	\$3 300	\$3 000	\$3 300	\$4 500	\$5 700	\$6 600	\$8 400	\$12 100	\$13 200	\$6 700	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	24 965	472	467	651	1 045	3 201	4 319	6 298	4 386	1 066	121	2 999	124
1968	5 147	285	142	188	331	585	971	911	702	102	6	924	112
1967	2 527	96	80	145	174	380	441	488	354	96	14	259	112
1965 and 1966	2 884	218	172	292	222	557	485	421	195	34	9	279	94
1960 to 1964	2 979	257	161	296	484	560	422	303	119	22	12	343	84
1950 to 1959	1 599	159	101	236	244	324	171	95	21	18	8	222	78
1949 or earlier	842	89	29	105	96	129	73	20	24	-	8	269	77
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	2 299	306	235	272	266	367	334	258	176	80	5	...	83
10 to 14 percent	5 142	146	225	283	410	1 094	963	1 163	686	172	-	...	109
15 to 19 percent	5 852	175	107	180	301	792	1 336	1 535	1 131	279	16	...	121
20 to 24 percent	4 841	237	89	129	204	652	1 038	1 259	963	248	22	...	122
25 to 34 percent	5 643	237	179	206	319	681	1 113	1 509	1 098	240	61	...	122
35 percent or more	10 863	429	327	635	1 051	1 949	1 939	2 545	1 610	321	57	...	111
Not computed	6 324	36	20	67	74	168	179	203	150	51	-	5 376	112
<b>AIR CONDITIONING</b>													
Room unit(s)	597	34	-	30	8	75	65	101	97	11	6	170	120
Central system	417	13	-	16	42	64	46	94	26	15	6	95	111
None	39 929	1 529	1 152	1 867	2 546	5 597	6 771	8 341	5 678	1 252	166	5 030	114

<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> .....	81 509	6 212	3 481	3 394	3 073	3 332	3 967	16 355	23 879	14 126	3 490	10 200
<b>ROOMS</b>												
1 and 2 rooms .....	833	152	129	93	40	63	53	153	114	30	6	5 000
3 rooms .....	3 292	651	345	302	216	147	260	666	469	213	23	5 900
4 rooms .....	13 280	1 918	1 085	932	813	722	946	2 990	2 691	1 034	149	7 200
5 rooms .....	20 920	1 565	920	1 113	904	1 023	1 122	4 997	6 302	2 563	411	9 300
6 rooms .....	20 401	1 124	575	518	639	777	896	4 161	6 957	4 067	687	11 100
7 rooms or more .....	22 783	802	427	436	461	600	690	3 388	7 346	6 219	2 414	13 100
<b>PERSONS</b>												
1 person .....	10 132	3 633	1 396	971	649	663	591	1 280	677	190	82	3 000
2 persons .....	25 873	1 510	1 543	1 835	1 525	1 403	1 618	5 209	6 510	3 840	880	9 000
3 and 4 persons .....	27 563	686	373	392	630	787	1 094	6 161	9 796	6 082	1 562	11 900
5 persons .....	9 291	227	71	117	155	154	337	1 867	3 605	2 205	553	12 400
6 persons or more .....	8 650	156	98	79	114	325	327	1 838	3 291	1 809	613	12 100
Units with roomers, boarders, or lodgers .....	1 429	175	67	65	62	53	86	357	326	195	43	8 700
<b>BEDROOMS</b>												
Less than 3 .....	28 441	3 765	2 155	1 938	1 489	1 682	1 634	6 120	6 270	2 809	579	7 800
3 .....	36 732	1 770	959	949	1 233	1 186	1 521	7 459	12 742	7 377	1 536	11 300
4 or more .....	16 322	636	374	320	358	406	598	2 477	5 233	4 089	1 831	12 900
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	3 226	189	64	70	117	126	201	721	1 012	572	154	10 600
1960 to 1968 .....	20 431	816	421	560	617	600	764	3 907	6 971	4 603	1 172	11 800
1950 to 1959 .....	17 071	804	529	442	517	578	776	3 258	5 492	3 731	944	11 500
1949 or earlier .....	40 781	4 403	2 467	2 322	1 822	2 028	2 226	8 469	10 404	5 220	1 420	8 800
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	10 932	643	322	369	401	540	815	2 539	3 229	1 670	404	9 800
1968 .....	8 108	465	192	181	263	265	398	2 022	2 806	1 155	361	10 500
1960 to 1967 .....	31 613	1 554	950	1 076	1 077	1 035	1 386	6 634	10 272	6 150	1 479	11 000
1959 or earlier .....	30 862	3 569	2 035	1 854	1 319	1 512	1 464	5 154	7 425	5 085	1 445	9 100
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	69 085	3 710	2 256	2 133	2 433	2 627	3 042	13 601	22 214	13 190	3 879	11 100
Clothes dryer .....	61 482	2 531	1 557	1 828	2 150	2 017	2 532	11 917	20 641	12 745	3 564	11 500
Dishwasher .....	31 100	649	333	528	671	617	914	4 711	10 732	8 857	3 088	13 300
Home food freezer .....	42 294	2 142	1 348	1 542	1 276	1 340	1 687	7 533	14 199	8 774	2 453	11 500
Owned second home .....	5 696	203	71	88	207	175	189	861	1 518	1 703	681	13 500
With air conditioning .....	3 326	273	132	150	145	203	159	621	898	545	200	9 900
Room unit(s) .....	1 532	126	68	63	55	86	76	305	448	236	69	9 900
Central system .....	1 794	147	64	87	90	117	83	316	450	309	131	9 900
Automobiles available:												
1 .....	35 261	2 880	2 075	2 317	2 068	2 110	2 484	8 874	8 651	3 251	551	8 200
2 .....	32 490	718	332	401	548	868	1 210	6 223	12 380	7 747	2 063	12 400
3 or more .....	7 749	120	72	72	43	97	167	771	2 374	2 987	1 046	15 500
<b>Renter occupied housing units</b> .....	41 912	6 862	3 760	3 332	3 613	3 754	3 421	8 547	6 215	1 977	431	5 900
<b>ROOMS</b>												
1 room .....	1 297	419	222	136	100	95	90	174	55	6	-	3 100
2 rooms .....	3 970	1 233	574	365	298	339	224	541	302	84	10	3 500
3 rooms .....	9 743	2 275	1 191	967	1 017	840	764	1 640	849	162	38	4 400
4 rooms .....	11 674	1 660	1 027	962	1 057	1 060	904	2 556	1 774	544	130	6 100
5 rooms .....	8 463	724	541	552	727	870	868	2 037	1 492	521	131	6 900
6 rooms or more .....	6 765	551	205	350	414	550	571	1 599	1 743	660	122	8 400
<b>PERSONS</b>												
1 person .....	12 217	4 337	1 647	1 052	972	852	761	1 605	763	172	56	3 100
2 persons .....	12 229	1 245	1 190	1 095	1 231	1 108	958	2 613	1 952	707	130	6 300
3 and 4 persons .....	11 929	984	760	900	1 090	1 210	1 086	2 774	2 294	675	156	6 900
5 persons .....	2 826	149	93	139	169	294	358	813	573	184	54	7 800
6 persons or more .....	2 711	147	70	146	151	290	258	742	633	239	35	8 200
Units with roomers, boarders, or lodgers .....	934	157	152	77	121	82	74	126	105	25	15	4 700
<b>BEDROOMS</b>												
None .....	2 611	970	385	293	235	120	156	319	133	-	-	2 900
1 .....	12 989	3 136	1 725	1 144	1 256	1 250	1 080	2 032	1 102	160	104	4 400
2 .....	14 418	1 832	1 306	1 318	1 114	1 202	944	3 275	2 321	898	208	6 500
3 or more .....	11 904	1 036	380	507	869	1 310	1 080	2 793	2 770	916	243	7 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	2 112	373	148	166	139	147	209	388	354	131	57	6 400
1960 to 1968 .....	12 139	1 351	834	816	1 040	1 224	1 043	2 690	2 220	745	176	6 800
1950 to 1959 .....	7 544	806	581	544	725	846	715	1 713	1 242	317	55	6 400
1949 or earlier .....	20 117	4 332	2 197	1 806	1 709	1 537	1 454	3 756	2 399	784	143	5 000
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	25 436	3 504	2 140	2 254	2 445	2 480	2 393	5 396	3 543	1 106	175	6 000
1968 .....	5 291	769	348	284	507	524	462	1 224	838	276	59	6 500
1960 to 1967 .....	8 604	1 702	888	537	559	568	532	1 693	1 474	511	140	6 100
1959 or earlier .....	2 575	840	355	249	150	124	130	307	299	104	17	3 400
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied:												
Less than 15 percent .....	40 964	6 734	3 692	3 240	3 561	3 711	3 342	8 284	6 064	1 921	415	5 900
15 to 19 percent .....	7 441	13	34	37	134	237	346	1 958	2 943	1 412	327	11 600
20 to 24 percent .....	5 852	11	82	147	281	417	572	2 481	1 649	181	11	8 700
25 to 34 percent .....	4 841	52	207	256	485	771	867	1 695	449	53	6	6 700
35 percent or more .....	5 643	235	507	741	1 188	1 207	843	762	139	21	-	5 100
Not computed .....	10 863	4 927	2 606	1 792	961	356	135	81	5	-	-	2 200
Net computed .....	6 324	1 496	256	267	512	723	579	1 307	859	254	71	5 900
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	21 691	2 623	1 471	1 311	1 531	2 097	1 758	5 102	3 925	1 518	355	7 000
Clothes dryer .....	18 618	1 863	1 271	1 005	1 153	1 866	1 406	4 541	3 707	1 475	331	7 500
Dishwasher .....	6 642	533	314	304	201	441	378	1 277	1 776	1 048	370	9 700
Home food freezer .....	6 209	573	255	437	367	472	429	1 418	1 460	638	160	8 200
Owned second home .....	1 364	223	60	63	126	137	63	277	252	103	60	7 100
With air conditioning .....	1 034	219	127	59	64	56	125	141	183	48	12	5 900
Room unit(s) .....	605	130	37	52	24	32	68	74	140	36	12	6 400
Central system .....	429	89	90	7	40	24	57	67	43	12	-	4 700
Automobiles available:												
1 .....	23 679	2 593	1 985	2 044	2 521	2 682	2 549	5 419	3 086	682	118	6 000
2 .....	8 848	441	273	298	433	547	609	2 353	2 604	1 077	213	9 300
3 or more .....	1 046	51	34	43	36	33						

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

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

The SMSA	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
<b>Owner occupied housing units</b>	<b>81 509</b>	<b>80 723</b>	<b>44 463</b>	<b>32 615</b>	<b>3 066</b>	<b>579</b>	<b>786</b>	<b>502</b>	<b>190</b>	<b>44</b>	<b>50</b>
<b>PERSONS</b>											
1 person	10 132	9 831	9 768	63	-	-	301	264	37	-	-
2 persons	25 873	25 651	24 059	1 540	-	52	222	189	21	-	12
3 persons	13 709	13 607	7 522	6 057	44	14	72	44	28	-	-
4 persons	13 854	13 802	2 114	11 508	156	24	52	5	32	6	9
5 persons	9 291	9 250	1 000	7 688	462	100	41	-	31	4	6
6 persons or more	8 650	8 552	-	5 759	2 404	389	98	-	41	34	23
Median	2.8	2.9	2.0	4.3	6.5	6.8	1.9	1.5	3.8	...	...
Units with roomers, boarders, or lodgers	1 429	1 413	499	783	125	6	16	10	-	6	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	3 069	3 058	1 396	1 534	106	22	11	-	-	-	11
1965 to 1968	10 096	10 036	4 658	4 868	449	61	60	20	14	-	26
1960 to 1964	10 266	10 217	4 851	4 940	368	38	49	35	14	-	-
1950 to 1959	17 113	17 014	8 902	7 370	621	121	99	42	57	-	-
1940 to 1949	13 398	13 203	7 366	5 259	529	58	195	124	40	25	6
1939 or earlier	27 573	27 180	17 197	8 752	1 060	162	393	306	63	7	17
<b>INCOME IN 1969</b>											
Less than \$2,000	6 212	6 053	5 046	917	59	31	159	147	12	-	-
\$2,000 to \$2,999	3 481	3 416	2 827	533	41	15	65	49	10	-	6
\$3,000 to \$3,999	3 394	3 346	2 694	579	52	21	48	26	16	-	6
\$4,000 to \$4,999	3 073	3 026	2 212	702	99	13	47	41	6	-	-
\$5,000 to \$5,999	3 332	3 313	2 231	851	178	53	19	14	-	-	5
\$6,000 to \$6,999	3 967	3 947	2 331	1 409	147	60	20	20	-	-	-
\$7,000 to \$9,999	16 355	16 165	7 803	7 314	892	156	190	97	56	24	13
\$10,000 to \$14,999	23 879	23 721	10 234	12 240	1 072	175	158	71	63	15	9
\$15,000 to \$24,999	14 126	14 051	7 075	6 449	483	44	75	32	27	5	11
\$25,000 or more	3 690	3 685	2 010	1 621	43	11	5	5	-	-	-
Median	\$10 200	\$10 200	\$8 900	\$11 600	\$10 300	\$8 900	\$7 600	\$4 700	\$9 700	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	71 563	71 023	38 949	28 975	2 665	434	540	331	143	27	39
Less than 1.5	24 884	24 646	11 610	11 658	1 197	181	238	115	66	18	39
1.5 to 1.9	15 325	15 221	7 228	7 346	557	90	104	52	48	4	-
2.0 to 2.4	9 861	9 830	4 917	4 495	346	72	31	19	7	5	-
2.5 to 2.9	5 456	5 441	3 196	2 000	223	22	15	10	5	-	-
3.0 to 3.9	5 511	5 474	3 584	1 684	177	29	37	37	-	-	-
4.0 or more	9 744	9 634	7 884	1 576	138	36	110	93	17	-	-
Not computed	782	777	530	216	27	4	5	5	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	3 220	3 185	1 986	1 110	78	11	35	29	-	6	-
Warm-air furnace	45 339	45 117	24 470	18 763	1 674	210	222	144	65	13	-
Built-in electric units	15 708	15 608	8 189	6 701	578	140	100	51	39	5	5
Floor, wall, or pipeless furnace	4 326	4 302	2 339	1 738	208	17	24	24	-	-	-
Other means	12 884	12 491	7 464	4 298	528	201	393	254	80	20	39
None	32	20	15	5	-	-	12	-	6	-	6
<b>Renter occupied housing units</b>	<b>41 912</b>	<b>40 578</b>	<b>19 285</b>	<b>18 661</b>	<b>2 105</b>	<b>527</b>	<b>1 334</b>	<b>631</b>	<b>621</b>	<b>36</b>	<b>46</b>
<b>PERSONS</b>											
1 person	12 217	11 167	10 562	605	-	-	1 050	571	479	-	-
2 persons	12 229	12 059	7 368	4 548	-	143	170	60	87	-	-
3 persons	6 911	6 881	1 150	5 535	165	31	30	-	24	6	23
4 persons	5 018	4 983	143	4 610	196	34	35	-	20	10	5
5 persons	2 826	2 790	62	2 178	473	77	36	-	11	20	5
6 persons or more	2 711	2 698	-	1 185	1 271	242	13	-	-	-	13
Median	2.2	2.3	1.4	3.3	5.9	5.2	1.1	1.1	1.1	...	...
Units with roomers, boarders, or lodgers	934	923	327	502	53	41	11	-	6	-	5
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	2 139	2 124	1 090	984	30	20	15	7	8	-	-
1965 to 1968	6 431	6 400	2 994	3 146	219	41	31	15	8	8	-
1960 to 1964	5 505	5 447	2 239	2 785	347	76	58	13	36	-	9
1950 to 1959	7 565	7 494	2 882	4 090	446	76	71	31	33	7	-
1940 to 1949	7 136	6 964	3 111	3 281	506	66	172	98	63	-	11
1939 or earlier	13 130	12 110	6 642	4 677	609	182	1 020	471	487	22	40
<b>INCOME IN 1969</b>											
Less than \$2,000	6 862	6 299	4 463	1 581	183	72	563	326	220	5	12
\$2,000 to \$2,999	3 760	3 539	1 958	1 444	107	30	221	93	109	8	11
\$3,000 to \$3,999	3 332	3 216	1 555	1 486	145	30	116	38	68	-	10
\$4,000 to \$4,999	3 613	3 524	1 592	1 770	115	47	89	44	39	6	-
\$5,000 to \$5,999	3 754	3 664	1 466	1 846	286	66	90	35	50	5	-
\$6,000 to \$6,999	3 421	3 362	1 291	1 800	247	24	59	9	50	-	-
\$7,000 to \$9,999	8 547	8 417	3 306	4 485	509	117	130	68	48	6	8
\$10,000 to \$14,999	6 215	6 178	2 569	3 117	380	112	37	-	26	6	5
\$15,000 to \$24,999	1 977	1 954	883	933	123	15	23	12	11	-	-
\$25,000 or more	1 431	1 425	202	199	10	14	6	6	-	-	-
Median	\$5 900	\$6 000	\$5 100	\$6 700	\$6 900	\$6 800	\$2 500	\$2000-	\$2 800	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	40 944	39 661	18 927	18 211	2 007	516	1 303	610	611	36	46
Less than 10 percent	2 299	2 117	1 026	943	86	62	182	58	113	6	5
10 to 14 percent	5 142	4 937	2 351	2 228	282	76	205	82	101	17	5
15 to 19 percent	5 852	5 789	2 564	2 826	363	36	63	17	41	-	5
20 to 24 percent	4 841	4 711	2 097	2 281	249	84	130	60	70	-	-
25 to 34 percent	5 643	5 479	2 428	2 737	215	99	164	87	72	-	5
35 percent or more	10 863	10 437	6 072	3 938	340	87	426	247	154	13	12
Not computed	6 324	6 191	2 389	3 258	472	72	133	59	60	-	14
<b>HEATING EQUIPMENT</b>											
Steam or hot water	5 434	4 944	3 236	1 489	116	103	490	193	292	-	5
Warm-air furnace	10 467	10 256	4 027	5 399	701	129	211	86	98	5	22
Built-in electric units	14 138	13 981	6 877	6 357	579	168	157	74	77	6	-
Floor, wall, or pipeless furnace	2 235	2 209	910	1 152	118	29	26	21	5	-	-
Other means	9 588	9 155	4 216	4 250	591	98	433	251	138	25	19
None	50	33	19	14	-	-	17	6	11	-	-

<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>	<b>81 509</b>	<b>188</b>	<b>645</b>	<b>3 292</b>	<b>13 280</b>	<b>20 920</b>	<b>20 401</b>	<b>12 378</b>	<b>10 405</b>	<b>5.6</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	80 171	80	593	3 094	12 969	20 405	20 292	12 324	10 414	5.6
<b>PERSONS</b>										
1 person	10 132	100	349	1 307	3 216	2 656	1 514	656	334	4.5
2 persons	25 873	64	201	1 360	6 231	8 062	5 761	2 729	1 465	5.1
3 persons	13 709	14	44	276	1 923	3 886	3 929	2 105	1 532	5.7
4 persons	13 854	-	33	162	1 136	3 419	4 361	2 624	2 119	6.0
5 persons	9 291	10	4	92	466	1 686	2 788	2 133	2 112	6.4
6 persons or more	8 650	-	14	95	308	1 211	2 048	2 131	2 843	6.8
Median	2.8	1.4	1.4	1.7	2.0	2.5	3.2	3.8	4.4	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>80 723</b>	<b>133</b>	<b>571</b>	<b>3 212</b>	<b>13 115</b>	<b>20 773</b>	<b>20 287</b>	<b>12 287</b>	<b>10 345</b>	<b>5.6</b>
0.50 or less	44 463	-	309	1 243	9 308	10 620	11 148	5 440	6 395	5.6
0.51 to 1.00	32 615	63	190	1 626	3 050	8 957	8 364	6 551	3 814	5.8
1.01 to 1.50	3 066	-	44	156	639	1 075	758	258	136	5.1
1.51 or more	579	70	28	187	118	121	17	38	60	4.6
<b>Lacking some or all plumbing facilities</b>	<b>786</b>	<b>55</b>	<b>74</b>	<b>80</b>	<b>165</b>	<b>147</b>	<b>114</b>	<b>91</b>	<b>60</b>	<b>4.6</b>
0.50 or less	502	-	40	64	139	98	56	50	55	4.6
0.51 to 1.00	190	37	11	10	9	34	48	36	5	5.3
1.01 to 1.50	44	-	-	6	8	15	10	5	-	...
1.51 or more	50	18	23	-	9	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1	4 567	250	496	2 111	1 249	247	194	20	-	3.2
2	23 874	-	-	1 033	11 717	8 856	1 802	339	127	4.4
3	36 732	-	-	-	579	12 214	14 794	6 285	2 860	5.9
4 or more	16 322	-	-	-	-	202	3 108	5 792	7 220	7.3
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	3 226	6	51	73	433	944	808	402	509	5.6
1960 to 1968	20 431	51	177	826	2 386	4 799	5 340	3 537	3 495	5.9
1950 to 1959	17 071	48	198	600	2 461	4 348	4 847	2 540	2 029	5.7
1949 or earlier	40 781	83	219	1 793	8 000	10 829	9 406	6 079	4 372	5.5
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	65 900	80	575	3 045	12 606	18 905	17 166	8 803	4 720	5.4
2 or more	14 404	-	18	89	402	1 535	3 138	3 521	5 701	7.1
None or also used by another household	1 211	74	113	160	271	226	187	106	74	4.5
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>71 563</b>	<b>98</b>	<b>235</b>	<b>2 102</b>	<b>10 115</b>	<b>18 547</b>	<b>19 068</b>	<b>11 608</b>	<b>9 790</b>	<b>5.7</b>
Less than 1.5	24 884	40	106	780	3 812	6 480	6 779	4 077	2 810	5.7
1.5 to 1.9	15 325	10	33	258	1 640	3 956	4 219	2 815	2 394	5.9
2.0 to 2.9	15 317	5	24	345	1 569	3 772	4 344	2 526	2 732	5.9
3.0 or more	15 255	38	72	678	2 935	4 083	3 554	2 085	1 810	5.5
Not computed	782	5	-	41	159	256	172	105	44	5.2
<b>Renter occupied housing units</b>	<b>41 912</b>	<b>1 297</b>	<b>3 970</b>	<b>9 743</b>	<b>11 674</b>	<b>8 463</b>	<b>4 111</b>	<b>1 742</b>	<b>912</b>	<b>4.0</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	39 896	624	3 451	9 566	11 437	8 276	4 034	1 652	856	4.1
<b>PERSONS</b>										
1 person	12 217	1 084	2 813	4 733	2 491	785	198	83	30	3.0
2 persons	12 229	166	927	3 708	4 431	2 015	656	238	88	3.8
3 persons	6 911	31	171	965	2 551	2 043	790	222	138	4.4
4 persons	5 018	11	28	206	1 519	1 738	1 046	327	143	4.9
5 persons	2 826	-	26	56	493	1 147	605	310	189	5.2
6 persons or more	2 711	5	5	75	189	735	816	562	324	5.9
Median	2.2	1.1	1.2	1.5	2.3	3.2	3.9	4.5	4.8	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>40 578</b>	<b>785</b>	<b>3 547</b>	<b>9 536</b>	<b>11 552</b>	<b>8 409</b>	<b>4 100</b>	<b>1 742</b>	<b>907</b>	<b>4.1</b>
0.50 or less	19 285	-	2 443	4 596	6 836	2 773	1 638	543	456	3.9
0.51 to 1.00	18 661	605	885	4 613	4 062	4 901	2 070	1 086	439	4.3
1.01 to 1.50	2 105	-	165	196	588	677	364	103	12	4.7
1.51 or more	527	180	54	131	66	58	28	10	-	2.7
<b>Lacking some or all plumbing facilities</b>	<b>1 334</b>	<b>512</b>	<b>423</b>	<b>207</b>	<b>122</b>	<b>54</b>	<b>11</b>	<b>-</b>	<b>5</b>	<b>1.9</b>
0.50 or less	631	-	370	137	86	27	6	-	5	2.4
0.51 to 1.00	621	479	42	60	8	27	5	-	-	1.1
1.01 to 1.50	36	-	6	10	20	-	-	-	-	...
1.51 or more	46	33	5	-	8	-	-	-	-	...
<b>BEDROOMS</b>										
None	2 611	1 215	1 104	292	-	-	-	-	-	1.6
1	12 989	-	2 741	7 886	2 002	299	41	20	-	3.0
2	14 418	-	-	862	9 605	3 301	456	111	83	4.2
3 or more	11 904	-	-	-	222	5 071	3 903	1 864	844	5.7
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	2 112	61	217	670	750	301	86	27	-	3.6
1960 to 1968	12 139	189	1 040	3 007	4 011	2 337	1 088	334	133	4.0
1950 to 1959	7 544	129	477	1 517	1 925	2 043	987	343	123	4.4
1949 or earlier	20 117	918	2 236	4 549	4 988	3 782	1 950	1 038	656	4.0
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	38 165	738	3 490	9 470	11 267	7 855	3 584	1 254	507	4.0
2 or more	1 987	6	32	112	183	446	455	404	349	6.0
None or also used by another household	1 754	586	465	385	206	66	39	-	7	2.1
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>40 964</b>	<b>1 286</b>	<b>3 911</b>	<b>9 652</b>	<b>11 462</b>	<b>8 218</b>	<b>3 962</b>	<b>1 621</b>	<b>852</b>	<b>4.0</b>
Less than 10 percent	2 299	196	324	452	657	419	159	73	19	3.8
10 to 14 percent	5 142	177	478	1 152	1 580	975	480	208	92	4.0
15 to 19 percent	5 852	137	493	1 284	1 867	1 125	613	223	110	4.0
20 to 24 percent	4 841	157	445	1 075	1 488	845	469	234	128	4.0
25 to 34 percent	5 643	161	565	1 488	1 581	952	536	178	182	3.9
35 percent or more	10 863	356	1 400	3 458	3 149	1 476	681	248	95	3.6
Not computed	6 324	102	206	743	1 140	2 426	1 024	457	226	4.9

<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-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	81 509	75 185	1 942	4 382	41 912	19 295	4 252	2 397	3 650	4 809	6 798	711
<b>ROOMS</b>												
1 room	188	114	6	68	1 297	178	33	96	140	293	523	34
2 rooms	645	271	59	315	3 970	712	137	213	402	754	1 651	101
3 rooms	3 292	2 221	236	835	9 743	2 388	704	901	1 129	1 885	2 550	186
4 rooms	13 280	10 702	692	1 886	11 674	4 780	1 673	874	1 024	1 440	1 596	287
5 rooms	20 920	19 400	525	995	8 463	5 413	1 262	216	734	353	400	85
6 rooms	20 401	20 034	183	184	4 111	3 359	360	70	170	73	61	18
7 rooms	12 378	12 183	110	85	1 742	1 620	60	14	31	-	17	-
8 rooms or more	10 405	10 260	131	14	912	845	23	13	20	11	-	-
Median	5.6	5.7	4.5	4.0	4.0	4.8	4.2	3.5	3.7	3.2	3.0	3.6
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	80 733	74 532	1 864	4 327	40 578	19 056	4 196	2 266	3 456	4 524	6 406	674
0.50 or less	44 463	40 861	1 305	2 297	19 285	7 375	1 827	1 262	1 816	2 642	4 017	346
0.51 to 1.00	32 615	30 391	487	1 737	18 661	9 857	2 117	896	1 530	1 745	2 234	282
1.01 to 1.50	3 066	2 812	61	193	2 105	1 558	231	77	77	64	64	14
1.51 or more	579	468	11	100	527	266	21	31	33	53	91	32
Lacking some or all plumbing facilities	784	653	78	55	1 334	439	56	131	194	285	392	37
0.50 or less	502	402	66	34	631	133	39	73	88	111	173	14
0.51 to 1.00	190	163	6	21	621	78	12	58	88	169	204	12
1.01 to 1.50	44	38	6	-	36	20	5	-	5	-	6	6
1.51 or more	50	50	-	-	46	8	-	-	18	-	15	5
<b>BEDROOMS</b>												
None	330	209	44	77	2 611	271	63	133	187	548	1 321	88
1	4 237	3 382	237	618	12 989	3 174	1 073	1 158	1 796	2 467	3 115	206
2	23 874	19 923	929	3 022	14 418	6 581	1 922	971	1 215	1 775	1 595	359
3	36 732	35 566	505	661	9 297	7 363	1 032	76	383	154	172	117
4 or more	16 322	16 071	230	21	2 607	2 437	64	40	42	-	24	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	3 226	2 604	96	526	2 112	335	144	183	160	488	748	54
1965 to 1968	10 388	8 196	227	1 965	6 545	1 564	497	379	453	1 377	2 005	270
1960 to 1964	10 043	8 764	202	1 077	5 594	2 346	629	246	495	837	878	163
1950 to 1959	17 071	16 160	235	676	7 544	4 336	934	306	790	505	535	138
1940 to 1949	13 134	12 884	196	54	6 945	4 290	893	378	577	353	403	51
1939 or earlier	27 647	26 577	986	84	13 172	6 424	1 155	905	1 175	1 249	2 229	35
<b>INCOME IN 1969</b>												
Less than \$2,000	6 212	5 487	249	476	6 862	2 458	591	487	663	892	1 639	132
\$2,000 to \$2,999	3 481	3 112	74	295	3 760	1 369	364	227	344	556	822	78
\$3,000 to \$3,999	3 394	2 940	165	289	3 332	1 461	257	224	319	439	562	70
\$4,000 to \$4,999	3 073	2 705	86	282	3 613	1 549	384	242	410	375	599	54
\$5,000 to \$5,999	3 332	2 963	143	226	3 754	1 673	381	238	428	440	545	49
\$6,000 to \$6,999	3 967	3 464	170	333	3 421	1 709	360	157	285	419	460	31
\$7,000 to \$9,999	16 355	14 891	383	1 081	8 547	4 317	1 007	452	628	916	1 063	164
\$10,000 to \$14,999	23 879	22 529	369	981	6 215	3 510	651	251	440	469	783	111
\$15,000 to \$24,999	14 126	13 506	238	382	1 977	1 063	205	87	112	238	250	22
\$25,000 or more	3 690	3 588	65	37	431	186	52	32	21	65	75	-
Median	\$10 200	\$10 500	\$7 700	\$7 800	\$5 900	\$6 700	\$6 400	\$5 100	\$5 200	\$5 300	\$4 600	\$5 400
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	10 932	9 303	319	1 310	25 436	11 368	2 704	1 462	2 296	3 007	4 139	460
1968	8 108	6 979	208	921	5 291	2 616	572	279	567	431	750	76
1967	6 208	5 469	133	606	2 607	1 297	281	94	167	330	364	74
1965 and 1966	9 726	8 945	153	628	2 939	1 343	282	197	219	298	556	44
1960 to 1964	15 679	14 742	300	637	3 058	1 250	348	200	211	432	579	38
1950 to 1959	17 122	16 514	442	166	1 556	665	122	103	104	174	388	44
1949 or earlier	13 740	13 282	398	60	1 019	577	54	63	67	49	209	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	40 964	18 347	4 252	2 397	3 650	4 809	6 798	711
Less than \$50	...	...	...	...	1 566	269	163	67	214	259	542	52
\$50 to \$59	...	...	...	...	1 182	299	80	93	175	221	250	64
\$60 to \$69	...	...	...	...	1 772	450	129	184	230	262	474	43
\$70 to \$79	...	...	...	...	2 625	754	340	227	328	302	611	63
\$80 to \$99	...	...	...	...	5 703	2 317	756	453	461	629	970	117
\$100 to \$119	...	...	...	...	6 902	3 374	733	471	614	746	899	128
\$120 to \$149	...	...	...	...	8 472	3 631	705	393	510	745	1 781	148
\$150 to \$199	...	...	...	...	5 814	2 942	512	332	213	745	1 024	46
\$200 to \$299	...	...	...	...	1 391	908	52	43	36	153	193	6
\$300 or more	...	...	...	...	161	100	16	15	-	19	11	-
No cash rent	...	...	...	...	5 376	3 303	766	119	872	169	103	44
Median	...	...	...	...	\$114	\$120	\$108	\$105	\$99	\$117	\$112	\$99
<b>HEATING EQUIPMENT</b>												
Steam or hot water	3 220	2 893	321	6	5 434	644	276	169	681	1 156	2 499	9
Warm-air furnace	45 339	41 969	742	2 628	10 467	6 534	1 191	591	1 150	384	336	281
Built-in electric units	15 708	14 161	492	1 055	14 138	4 040	1 461	969	1 164	2 702	3 594	208
Floor, wall, or pipeless furnace	4 326	4 125	51	150	2 235	1 538	321	110	68	110	79	9
Other means	12 884	12 011	330	543	9 588	6 521	998	558	571	450	290	200
None	32	26	6	-	50	18	5	-	16	7	-	4
<b>AIR CONDITIONING</b>												
Room unit(s)	1 532	1 185	41	306	605	251	60	14	52	126	88	14
Central system	1 794	1 475	53	266	429	149	27	29	23	32	157	12
None	78 189	72 574	1 859	3 756	40 872	18 716	4 276	2 355	3 556	4 563	6 740	666
<b>AUTOMOBILES AVAILABLE</b>												
1	35 261	31 928	892	2 441	23 679	10 834	2 433	1 369	2 325	2 629	3 678	411
2	32 490	30 618	547	1 325	8 848	5 109	1 075	371	477	801	882	133
3 or more	7 749	7 347	134	268	1 046	752	86	33	38	50	64	23
None	6 015	5 341	380	294	8 333	2 421	769	625	791	1 241	2 361	125

<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

	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> .....	81 509	1 880	11 208	14 453	27 028	8 585	1 752	373	4 923	1 175	4 737	5 395
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	80 723	1 880	11 147	14 401	26 839	8 499	1 726	354	4 891	1 153	4 604	5 227
0.50 or less	44 463	752	2 767	3 114	16 178	7 032	943	268	2 732	909	4 566	5 202
0.51 to 1.00	32 615	1 074	7 516	9 735	9 889	1 392	697	81	1 948	220	38	25
1.01 to 1.50	3 066	49	734	1 362	612	38	66	5	174	26	-	-
1.51 or more	579	5	130	190	160	37	20	-	37	-	-	-
Lacking some or all plumbing facilities	786	-	61	52	189	86	24	19	32	20	133	168
0.50 or less	502	-	17	6	82	63	5	19	26	20	113	151
0.51 to 1.00	190	-	27	25	66	17	12	-	6	-	20	17
1.01 to 1.50	44	-	8	10	20	6	-	-	-	-	-	-
1.51 or more	50	-	9	11	21	-	9	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	75 185	1 556	10 501	13 906	25 385	7 646	1 584	322	4 589	1 075	3 922	4 699
2 or more	1 942	47	146	124	446	338	70	30	91	77	274	299
Mobile home or trailer	4 382	277	561	423	1 197	601	98	21	243	23	541	397
<b>INCOME IN 1969</b>												
Less than \$2,000	6 212	93	88	167	315	740	96	45	837	198	904	2 729
\$2,000 to \$2,999	3 481	60	59	40	243	1 009	40	68	387	172	346	1 050
\$3,000 to \$3,999	3 394	92	89	61	311	1 269	47	45	380	129	329	642
\$4,000 to \$4,999	3 073	94	148	106	445	978	53	27	460	113	362	287
\$5,000 to \$5,999	3 332	132	281	302	646	766	95	10	369	68	504	159
\$6,000 to \$6,999	3 967	183	434	547	960	657	140	18	369	68	451	140
\$7,000 to \$9,999	16 355	669	3 449	2 844	5 115	1 346	370	78	1 024	180	1 067	213
\$10,000 to \$14,999	23 879	480	4 827	6 064	9 419	1 014	512	46	700	140	555	122
\$15,000 to \$24,999	14 126	49	1 541	3 438	7 579	597	301	25	321	85	156	34
\$25,000 or more	3 690	28	292	884	1 995	209	91	11	76	22	63	19
Median	\$10 200	\$8 300	\$11 100	\$12 600	\$12 900	\$5 400	\$10 300	\$5 200	\$6 100	\$4 800	\$5 800	\$2 000
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	71 563	1 510	10 227	13 257	23 910	7 198	1 465	312	4 414	1 002	3 740	4 528
Less than 1.5	24 884	416	3 328	5 098	11 875	1 318	595	94	838	258	846	218
1.5 to 1.9	15 325	388	2 978	3 566	5 587	991	289	45	667	98	519	197
2.0 to 2.4	9 861	226	1 988	2 221	2 887	1 031	213	15	459	106	446	269
2.5 to 2.9	5 456	143	904	1 063	1 437	738	99	13	401	60	334	264
3.0 to 3.9	5 511	151	677	740	1 073	1 110	105	30	498	128	408	591
4.0 or more	9 744	147	352	547	1 002	1 970	148	105	1 255	335	1 031	2 852
Not computed	782	39	-	22	49	40	16	10	296	17	156	137
<b>Renter occupied housing units</b> .....	41 912	7 151	7 574	3 973	3 537	1 322	1 608	138	4 013	379	7 777	4 440
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	40 578	7 120	7 522	3 956	3 491	1 316	1 563	128	3 969	346	7 115	4 052
0.50 or less	19 285	1 777	1 693	564	1 551	856	721	66	1 291	204	6 726	3 836
0.51 to 1.00	18 661	5 011	5 030	2 663	1 708	417	727	57	2 313	130	389	216
1.01 to 1.50	2 105	227	680	626	173	16	94	-	289	-	-	-
1.51 or more	527	105	119	103	59	27	27	-	76	12	-	-
Lacking some or all plumbing facilities	1 334	31	52	17	46	6	45	10	44	33	662	388
0.50 or less	631	17	5	5	15	-	11	5	5	8	327	244
0.51 to 1.00	621	6	33	6	14	-	17	-	34	15	335	144
1.01 to 1.50	36	8	-	-	6	-	-	-	5	-	-	-
1.51 or more	46	-	8	-	11	-	17	-	5	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	19 295	3 061	4 464	2 833	2 183	540	746	61	2 230	128	2 055	994
2 to 4	6 649	1 110	1 250	560	449	196	299	22	764	59	1 246	694
5 to 19	8 459	1 783	1 240	381	501	299	264	32	534	121	2 157	1 147
20 or more	6 798	1 035	480	152	361	256	286	23	424	62	2 177	1 542
Mobile home or trailer	711	162	140	47	43	31	13	-	61	9	142	63
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	40 964	7 065	7 374	3 843	3 345	1 282	1 576	133	3 933	375	7 647	4 391
Less than \$50	1 566	64	29	17	56	47	15	21	39	24	514	740
\$50 to \$59	1 182	56	27	38	73	64	35	6	29	11	549	294
\$60 to \$69	1 772	88	58	65	70	107	50	22	128	6	767	411
\$70 to \$79	2 625	248	143	125	138	149	83	24	206	71	797	641
\$80 to \$99	5 703	1 051	578	227	348	136	201	18	697	92	1 446	909
\$100 to \$119	6 902	1 793	1 131	464	516	205	272	40	772	40	1 260	443
\$120 to \$149	8 472	2 316	1 714	578	526	204	367	-	1 023	42	1 378	324
\$150 to \$199	5 814	692	1 554	778	704	119	370	18	802	32	540	205
\$200 to \$299	1 391	73	304	351	311	54	83	-	116	10	53	36
\$300 or more	161	-	32	48	51	5	10	-	4	5	6	5
No cash rent	5 376	684	1 804	1 152	552	197	90	18	117	42	337	383
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	40 964	7 065	7 374	3 843	3 345	1 282	1 576	133	3 933	375	7 647	4 391
Less than \$5,000	17 227	2 997	1 091	351	443	738	701	100	2 711	228	3 949	3 918
Less than 20 percent	739	37	14	19	10	104	27	-	22	14	297	175
20 to 24 percent	1 000	151	34	16	43	40	104	-	120	24	281	294
25 to 34 percent	2 671	647	191	56	101	136	107	29	283	40	649	435
35 percent or more	10 286	1 826	511	199	207	315	481	54	1 800	108	2 310	2 475
Not computed	2 531	336	341	61	82	143	57	17	486	42	412	539
\$5,000 to \$9,999	15 337	3 217	3 895	1 935	1 079	363	555	10	982	104	2 838	359
Less than 20 percent	6 011	1 163	1 202	506	454	143	223	5	359	69	1 708	773
20 to 24 percent	3 333	945	739	349	200	54	156	-	265	17	535	177
25 to 34 percent	2 812	686	709	243	201	80	116	-	248	7	441	81
35 percent or more	572	69	131	121	26	40	34	-	90	-	56	5
Not computed	2 609	354	1 114	716	198	44	26	5	20	11	98	23
\$10,000 to \$14,999	6 064	717	1 894	1 053	1 064	109	251	23	170	31	698	54
Less than 20 percent	4 612	651	1 315	642	803	99	194	23	141	26	673	45
20 to 24 percent	449	41	203	74	80	5	23	-	13	-	6	4
25 percent or more	144	-	32	64	28	-	11	-	4	-	5	5
Not computed	859	25	344	273	153	5	23	-	12	-	162	60
\$15,000 or more	2 336	134	494	504	759	72	69	-	70	12	162	60
Less than 20 percent	1 931	119	421	377	594	60	60	-	66	12	162	60
20 to 24 percent	59	-	21	15	19	-	-	-	4	-	-	-
25 percent or more	21	-	5	-	16	-	-	-	-	-	-	-
Not computed	325	15	47	112	130	12	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-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>81 509</b>	<b>10 132</b>	<b>25 873</b>	<b>13 709</b>	<b>13 854</b>	<b>9 291</b>	<b>4 916</b>	<b>2 459</b>	<b>1 275</b>	<b>2.8</b>
<b>BEDROOMS</b>										
None and 1	4 567	1 974	1 985	179	220	95	44	51	19	1.7
2	23 874	4 580	12 326	3 717	2 089	671	169	201	121	2.1
3	36 732	2 489	9 698	7 761	8 700	5 020	2 189	627	248	3.3
4 or more	16 322	812	2 526	1 864	2 804	3 355	2 550	1 508	903	4.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	3 226	212	850	628	770	435	164	114	53	3.4
1965 to 1968	10 388	609	2 708	1 801	2 371	1 547	888	324	140	3.3
1960 to 1964	10 043	648	2 687	1 696	2 231	1 481	867	283	150	3.5
1950 to 1959	17 071	1 539	5 399	3 205	3 167	2 094	925	495	247	3.0
1940 to 1949	13 134	1 880	4 220	2 416	2 087	1 403	589	334	205	2.7
1939 or earlier	27 647	5 244	10 009	3 963	3 228	2 331	1 483	909	480	2.4
<b>UNITS IN STRUCTURE</b>										
1	75 185	8 621	23 149	12 800	13 259	8 974	4 753	2 390	1 239	3.0
2 or more	1 942	573	821	217	157	67	64	27	16	2.0
Mobile home or trailer	4 382	938	1 903	692	438	250	99	42	20	2.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	65 900	9 103	21 872	10 903	10 882	6 994	3 477	1 763	906	2.7
2 and 2 1/2	12 302	616	3 074	2 363	2 568	1 897	1 053	496	235	3.5
3 or more	2 102	81	434	286	349	391	309	156	96	4.2
None or also used by another household	1 211	467	360	144	66	32	68	61	13	1.9
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>71 377</b>	<b>...</b>	<b>25 873</b>	<b>13 709</b>	<b>13 854</b>	<b>9 291</b>	<b>4 916</b>	<b>2 459</b>	<b>1 275</b>	<b>3.2</b>
Male head, wife present, no nonrelatives	63 154	...	22 011	11 837	12 724	8 612	4 528	2 207	1 195	3.3
Under 25 years	1 880	...	535	746	433	132	29	5	...	3.0
25 to 34 years	11 208	...	1 188	2 086	3 879	2 410	1 069	390	186	4.1
35 to 44 years	14 453	...	1 141	1 742	3 736	3 617	2 283	1 246	688	4.7
45 to 64 years	27 028	...	11 968	6 311	4 392	2 363	1 127	561	306	4.7
65 years and over	8 585	...	7 179	952	284	90	60	5	15	2.1
Other male head	2 125	...	1 072	439	234	171	59	113	37	2.5
Under 65 years	1 752	...	809	352	226	161	59	108	37	2.7
65 years and over	373	...	263	87	8	10	5	5	...	2.2
Female head	6 098	...	2 790	1 433	896	508	289	139	43	2.7
Under 65 years	4 923	...	1 920	1 264	828	467	283	123	38	2.9
65 years and over	1 175	...	870	169	68	41	6	16	5	2.2
<b>One-person households</b>	<b>10 132</b>	<b>10 132</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	71 563	8 268	21 896	12 225	12 680	8 536	4 506	2 297	1 155	3.0
Less than 1.5	24 884	1 064	7 602	4 946	4 890	3 295	1 732	921	434	3.3
1.5 to 1.9	15 325	716	4 209	2 974	3 332	2 103	1 178	542	271	3.4
2.0 to 2.4	9 861	715	2 790	1 710	1 979	1 453	646	372	196	3.3
2.5 to 2.9	5 456	598	1 694	846	1 097	550	398	148	125	3.0
3.0 to 3.9	5 511	999	2 012	719	682	574	302	162	61	2.4
4.0 or more	9 744	3 883	3 397	933	619	502	213	129	68	1.8
Not computed	782	293	192	97	81	59	37	23	...	2.0
<b>Renter occupied housing units</b>	<b>41 912</b>	<b>12 217</b>	<b>12 229</b>	<b>6 911</b>	<b>5 018</b>	<b>2 826</b>	<b>1 422</b>	<b>876</b>	<b>413</b>	<b>2.2</b>
<b>BEDROOMS</b>										
None	2 611	2 126	430	18	21	-	16	-	-	1.1
1	12 989	7 212	4 320	1 110	84	133	93	21	16	1.4
2	14 418	2 386	5 501	3 545	2 012	714	166	73	21	2.4
3 or more	11 904	688	1 344	2 447	2 883	2 201	1 274	727	340	4.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	2 112	647	864	332	185	59	4	16	5	2.0
1965 to 1968	6 545	1 619	2 456	1 237	697	340	110	61	25	2.2
1960 to 1964	5 594	1 108	1 792	944	878	427	269	126	50	2.4
1950 to 1959	7 544	1 521	2 085	1 501	1 186	664	329	189	69	2.6
1940 to 1949	6 945	1 817	1 806	1 425	865	552	212	181	87	2.4
1939 or earlier	13 172	5 505	3 226	1 472	1 207	784	498	303	177	1.8
<b>UNITS IN STRUCTURE</b>										
1	19 295	3 049	4 648	3 750	3 392	2 118	1 190	762	386	3.0
2	4 252	975	1 159	891	629	397	112	75	14	2.5
3 and 4	2 397	965	820	360	154	61	26	11	-	1.8
5 to 9	3 650	1 245	1 255	588	358	116	70	14	4	2.0
10 to 19	4 809	2 059	1 948	552	186	40	19	5	-	1.7
20 or more	6 798	3 719	2 130	661	211	67	5	5	-	1.4
Mobile home or trailer	711	205	269	109	88	27	-	4	9	2.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	38 165	10 625	11 707	6 596	4 571	2 543	1 122	715	286	2.2
2 or more	1 987	155	402	265	365	200	291	175	134	4.0
None or also used by another household	1 754	1 312	247	68	70	39	-	7	11	1.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>29 695</b>	<b>...</b>	<b>12 229</b>	<b>6 911</b>	<b>5 018</b>	<b>2 826</b>	<b>1 422</b>	<b>876</b>	<b>413</b>	<b>2.9</b>
Male head, wife present, no nonrelatives	23 557	...	9 193	5 518	4 117	2 382	1 268	687	392	3.0
Under 25 years	7 151	...	3 821	2 436	725	97	45	27	-	2.4
25 to 34 years	7 574	...	1 952	1 761	1 968	1 076	484	188	145	3.5
35 to 44 years	3 973	...	534	571	839	890	575	396	168	4.5
45 to 64 years	3 537	...	1 679	681	562	305	159	76	75	2.6
65 years and over	1 322	...	1 207	69	23	14	5	-	4	2.0
Other male head	1 746	...	1 121	299	206	67	37	6	2	2.3
Under 65 years	1 608	...	1 015	285	188	67	10	37	6	2.3
65 years and over	138	...	106	14	18	-	-	-	-	2.2
Female head	4 392	...	1 915	1 094	695	377	144	152	15	2.8
Under 65 years	4 013	...	1 593	1 053	695	366	144	152	10	2.9
65 years and over	379	...	322	41	-	11	-	-	5	2.1
<b>One-person households</b>	<b>12 217</b>	<b>12 217</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	40 964	12 038	12 043	6 738	4 859	2 724	1 342	830	390	2.2
Less than 10 percent	2 299	736	737	383	193	142	53	41	14	2.1
10 to 14 percent	5 142	1 199	1 886	862	555	320	150	82	88	2.2
15 to 19 percent	5 852	1 382	1 903	800	951	407	213	144	52	2.3
20 to 24 percent	4 841	1 173	1 575	896	539	373	160	69	56	2.3
25 to 34 percent	5 643	1 606	1 670	1 014	623	333	208	109	80	2.2
35 percent or more	10 863	4 846	2 912	1 589	798	377	150	163	28	1.7
Not computed	6 324	1 096	1 360	1 194	1 200	772	408	222	72	3.1

<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> .....	1 578	650	581	347	<b>Vacant for rent</b> .....	4 654	3 053	1 213	388
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	141	86	21	34	1 room .....	215	130	51	34
4 rooms .....	202	87	68	47	2 rooms .....	557	362	170	25
5 rooms .....	533	220	200	113	3 rooms .....	1 406	1 007	286	113
6 rooms .....	390	170	162	58	4 rooms .....	1 582	1 049	399	134
7 rooms or more .....	312	87	130	95	5 rooms .....	590	325	204	61
					6 rooms .....	212	141	54	17
					7 rooms or more .....	92	39	49	4
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	1 543	646	564	333	With all plumbing facilities .....	4 436	2 955	1 115	366
Lacking some or all plumbing facilities .....	35	4	17	14	Lacking some or all plumbing facilities .....	218	98	98	22
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	165	101	15	49	None .....	302	213	89	-
2 .....	354	163	71	120	1 .....	2 069	1 500	473	96
3 .....	563	248	202	113	2 .....	1 987	1 332	435	220
4 or more .....	236	60	146	30	3 or more .....	542	378	115	49
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	375	225	105	45	1969 to March 1970 .....	671	576	81	14
1960 to 1968 .....	266	120	78	68	1960 to 1968 .....	1 238	848	295	95
1950 to 1959 .....	253	102	49	49	1950 to 1959 .....	597	400	139	58
1949 or earlier .....	684	203	296	185	1949 or earlier .....	2 148	1 229	698	221
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	1 466	565	565	336	1 .....	1 407	812	425	170
2 or more .....	112	85	16	11	2 to 4 .....	857	520	239	98
					5 to 9 .....	350	229	107	14
					10 to 19 .....	875	644	173	38
					20 or more .....	1 165	828	269	68
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	26	17	6	3	<b>Specified vacant for rent<sup>2</sup></b> .....	4 615	3 032	1 204	379
Warm-air furnace .....	723	266	307	150	Less than \$50 .....	254	138	69	47
Built-in electric units .....	431	227	119	85	\$50 to \$59 .....	473	298	115	60
Floor, wall, or pipeless furnace .....	69	23	28	18	\$60 to \$79 .....	838	491	242	105
Other means .....	319	117	117	85	\$80 to \$99 .....	944	634	254	56
None .....	10	-	4	6	\$100 to \$119 .....	788	495	245	48
					\$120 to \$149 .....	834	593	210	31
					\$150 to \$199 .....	427	347	53	27
					\$200 or more .....	57	36	16	5
<b>SALES PRICE ASKED</b>					Median rent asked .....	\$96	\$99	\$94	\$76
<b>Specified vacant for sale<sup>1</sup></b> .....	1 440	560	548	332					
Less than \$5,000 .....	38	-	17	21					
\$5,000 to \$9,999 .....	201	74	67	60					
\$10,000 to \$14,999 .....	391	152	165	74					
\$15,000 to \$19,999 .....	468	188	198	82					
\$20,000 to \$24,999 .....	148	74	32	42					
\$25,000 to \$34,999 .....	134	59	52	23					
\$35,000 to \$49,999 .....	50	13	12	25					
\$50,000 or more .....	10	-	5	5					
Median price asked .....	\$16 000	\$16 400	\$15 600	\$15 700					

<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> .....	1 440	239	391	468	148	134	60	4 615	727	838	944	1 622	427	57
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	1 157	138	298	390	209	62	60	4 690	640	901	943	1 564	593	49
Lacking some or all plumbing facilities .....	29	29	-	-	-	-	-	196	125	71	-	-	-	-
<b>BEDROOMS</b>														
None and 1 .....	78	29	14	16	19	-	-	2 371	577	579	484	553	147	31
2 .....	323	58	146	61	29	29	-	1 973	135	268	394	745	413	18
3 .....	549	52	68	284	145	-	-	419	19	125	31	211	33	-
4 or more .....	236	28	70	29	16	33	60	123	34	-	34	55	-	-
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	299	16	4	159	70	34	16	668	126	12	34	349	143	4
1960 to 1968 .....	259	14	55	80	47	32	31	1 238	52	100	150	688	203	45
1950 to 1959 .....	234	40	61	80	23	25	5	583	73	100	159	201	47	3
1949 or earlier .....	648	169	271	149	8	43	8	2 126	476	626	601	384	34	5
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	1 368	160	260	381	487	56	24
2 to 4 .....	...	...	...	...	...	...	...	857	124	216	228	222	64	3
5 to 19 .....	...	...	...	...	...	...	...	1 225	171	201	217	437	178	21
20 or more .....	...	...	...	...	...	...	...	1 165	272	161	118	476	129	9
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	1 180	303	252	183	322	108	12
Some or no utilities included .....	...	...	...	...	...	...	...	3 435	424	586	761	1 300	319	45

<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]

Tacoma	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</b>	<b>33 435</b>	<b>498</b>	<b>1 886</b>	<b>3 475</b>	<b>5 438</b>	<b>5 346</b>	<b>9 190</b>	<b>4 268</b>	<b>2 314</b>	<b>733</b>	<b>287</b>	<b>15 000</b>
<b>ROOMS</b>												
1 and 2 rooms	124	49	12	12	21	8	16	-	-	-	6	7 700
3 rooms	1 017	148	329	161	157	81	84	37	15	-	5	8 000
4 rooms	5 409	148	602	1 232	1 515	1 001	749	125	33	4	-	11 200
5 rooms	9 056	81	489	1 072	1 637	1 798	2 671	959	278	61	10	14 200
6 rooms	8 603	43	279	599	1 265	1 378	2 973	1 367	569	116	14	16 300
7 rooms	5 235	24	128	312	562	754	1 781	901	577	162	34	17 300
8 rooms or more	3 991	5	47	87	281	326	916	879	842	390	218	21 900
Median	5.6	3.9	4.5	4.8	5.1	5.4	5.9	6.2	7.0	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	4 886	273	758	927	927	800	742	270	96	49	44	11 300
2 persons	10 829	170	724	1 237	2 072	1 795	2 758	1 198	650	144	81	14 200
3 persons	5 658	13	142	481	945	829	1 711	852	456	181	48	16 200
4 persons	5 173	10	112	349	640	840	1 747	828	435	174	38	16 700
5 persons	3 388	12	68	230	396	593	1 091	567	323	81	27	16 700
6 persons or more	3 501	20	82	251	458	489	1 141	553	354	104	49	17 200
Median	2.7	1.4	1.8	2.2	2.4	2.6	3.1	3.3	3.4	3.5	2.9	...
Units with roomers, boarders, or lodgers	694	5	35	84	114	100	207	62	45	28	14	15 200
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>33 183</b>	<b>461</b>	<b>1 863</b>	<b>3 431</b>	<b>5 402</b>	<b>5 311</b>	<b>9 124</b>	<b>4 257</b>	<b>2 314</b>	<b>733</b>	<b>287</b>	<b>15 100</b>
0.50 or less	19 392	369	1 363	2 274	3 262	2 994	4 722	2 314	1 390	492	212	14 500
0.51 to 1.00	12 370	59	424	970	1 895	2 085	3 961	1 798	873	236	69	15 900
1.01 to 1.50	1 227	16	55	169	221	212	374	124	51	5	-	14 300
1.51 or more	194	17	21	18	24	20	67	21	-	-	6	14 600
<b>Lacking some or all plumbing facilities</b>	<b>252</b>	<b>37</b>	<b>23</b>	<b>44</b>	<b>36</b>	<b>35</b>	<b>66</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11 500</b>
0.50 or less	175	31	23	38	15	27	30	11	-	-	-	9 700
0.51 to 1.00	65	-	-	6	15	8	36	-	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	12	6	-	-	6	-	-	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	1 586	195	446	332	229	189	126	48	-	-	21	8 600
2	10 301	123	826	1 727	2 801	1 997	1 665	615	370	156	21	12 200
3	14 193	63	468	1 059	1 500	2 447	4 649	2 351	1 314	320	22	16 700
4 or more	7 358	-	82	400	1 004	916	2 381	1 216	783	333	243	17 600
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	609	5	-	5	-	-	279	115	139	51	15	20 700
1965 to 1968	2 097	-	4	10	27	69	809	604	409	143	20	21 100
1960 to 1964	2 310	-	14	18	69	152	733	656	489	142	37	21 300
1950 to 1959	5 984	27	103	196	515	910	2 179	1 215	613	140	86	17 800
1940 to 1949	6 427	79	196	636	1 295	1 359	1 770	704	274	74	40	14 400
1939 or earlier	16 008	387	1 567	2 610	3 532	2 856	3 420	974	390	183	89	12 400
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	28 920	422	1 836	3 331	5 158	4 970	8 564	3 448	1 009	144	38	14 400
2 and 2 1/2	3 496	9	26	73	142	185	702	751	1 129	394	85	24 100
3 or more	551	-	-	-	6	9	4	14	182	162	40	600
None or also used by another household	439	108	28	58	87	43	96	19	-	-	-	10 700
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>28 549</b>	<b>225</b>	<b>1 138</b>	<b>2 548</b>	<b>4 511</b>	<b>4 546</b>	<b>8 448</b>	<b>3 998</b>	<b>2 218</b>	<b>684</b>	<b>243</b>	<b>15 800</b>
Male head, wife present, no nonrelatives	24 583	138	896	2 017	3 787	3 842	7 372	3 617	2 065	632	217	16 100
Under 25 years	846	-	36	80	177	206	289	43	15	-	-	14 100
25 to 34 years	4 392	22	50	279	607	743	1 629	735	252	70	5	16 700
35 to 44 years	5 076	11	104	299	615	725	1 592	878	609	199	44	17 500
45 to 64 years	10 401	55	400	809	1 568	1 597	2 926	1 615	960	332	139	16 300
65 years and over	3 868	50	306	550	820	571	936	346	229	31	29	13 400
Other male head	973	20	56	128	182	154	223	152	34	14	10	14 100
Under 65 years	805	10	39	92	134	134	206	132	34	14	10	14 900
65 years and over	168	10	17	36	48	20	17	20	-	-	-	11 100
Female head	2 993	67	176	403	542	550	853	229	119	38	16	13 900
Under 65 years	2 352	31	113	275	428	444	703	205	103	34	16	14 400
65 years and over	641	36	63	128	114	106	150	24	16	4	4	12 100
<b>One-person households</b>	<b>4 886</b>	<b>273</b>	<b>758</b>	<b>927</b>	<b>927</b>	<b>800</b>	<b>742</b>	<b>270</b>	<b>96</b>	<b>49</b>	<b>44</b>	<b>11 300</b>
Under 65 years	2 050	109	261	346	369	333	382	131	65	15	39	12 100
65 years and over	2 836	164	497	581	558	467	360	139	31	34	5	10 800
<b>INCOME IN 1969</b>												
Less than \$2,000	2 949	189	468	564	577	456	480	141	38	12	24	11 100
\$2,000 to \$2,999	1 777	57	241	351	384	291	317	71	54	11	6	11 600
\$3,000 to \$3,999	1 507	46	168	280	304	279	320	60	34	10	3	12 100
\$4,000 to \$4,999	1 463	55	145	232	335	245	296	99	46	5	5	12 200
\$5,000 to \$5,999	1 523	13	130	194	344	222	421	137	53	5	13	13 400
\$6,000 to \$6,999	1 778	36	155	174	401	330	428	148	76	15	13	13 400
\$7,000 to \$7,999	6 960	67	306	835	1 292	1 376	2 061	720	231	67	5	14 300
\$10,000 to \$14,999	9 452	26	221	638	1 358	1 481	3 285	1 577	699	128	39	16 500
\$15,000 to \$24,999	4 838	9	39	191	382	581	1 396	1 135	809	243	53	19 300
\$25,000 or more	1 188	-	13	16	61	85	186	180	274	233	140	26 900
Median	\$9 500	\$3 100	\$4 500	\$6 700	\$7 900	\$8 900	\$10 400	\$12 400	\$14 500	\$19 500	\$24 300	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 674	39	127	174	424	614	1 347	522	283	120	24	16 600
1968	2 909	33	78	213	337	331	1 041	454	273	128	21	17 400
1967	2 271	17	86	195	344	325	753	321	174	42	14	16 200
1965 and 1966	3 248	40	216	334	435	565	717	481	362	68	30	15 200
1960 to 1964	5 852	67	250	637	875	832	1 574	841	553	160	63	15 800
1950 to 1959	8 563	122	477	799	1 382	1 340	2 504	1 118	547	149	105	15 300
1949 or earlier	6 889	221	656	1 110	1 596	1 160	1 430	495	128	33	40	12 300
<b>HEATING EQUIPMENT</b>												
Steam or hot water	1 212	4	21	33	87	107	282	228	221	130	99	21 600
Warm-air furnace	18 754	67	400	1 240	2 525	3 157	5 822	3 076	1 783	525	159	16 600
Built-in electric units	6 013	69	282	561	1 062	988	2 049	696	230	58	8	15 100
Floor, wall, or pipeless furnace	2 020	17	227	414	581	366	325	60	14	10	6	11 500
Other means	5 416	341	947	1 227	1 177	723	692	208	66	20	15	10 400
None	20	-	9	-	6	5	-	-	-	-	-	...
<b>AIR CONDITIONING</b>												
Room unit(s)	515	-	28	54	72	100	131	81	23	19	7	15 100
Central system	758	-	94	94	94	133	212	145	80	11	24	16 900
None	32 133	539	1 862	3 349	5 227	4 974	9 023	4 006	2 217</			

**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]

Tacoma	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 occupied¹</b>	<b>18 873</b>	<b>1 295</b>	<b>870</b>	<b>1 385</b>	<b>1 927</b>	<b>3 411</b>	<b>3 073</b>	<b>3 723</b>	<b>2 045</b>	<b>379</b>	<b>24</b>	<b>741</b>	<b>101</b>
<b>ROOMS</b>													
1 room	981	354	169	150	101	135	38	18	—	—	—	—	—
2 rooms	2 527	359	287	395	420	393	274	316	61	—	—	16	58
3 rooms	5 166	356	233	502	748	1 270	829	721	199	10	6	22	75
4 rooms	4 856	149	88	179	427	547	805	831	199	10	6	206	88
5 rooms	2 818	58	84	107	159	154	287	287	401	60	—	201	115
6 rooms	1 472	9	9	43	57	54	580	621	448	129	—	85	114
7 rooms	642	5	—	9	10	15	287	401	365	60	—	87	130
8 rooms or more	411	5	—	—	5	46	132	163	150	65	—	62	136
Median	3.6	2.3	2.4	2.8	3.1	3.4	4.0	4.0	4.6	5.3	...	4.1	...
<b>PERSONS</b>													
1 person	8 172	1 070	636	963	1 133	1 695	977	977	339	54	6	322	81
2 persons	5 217	124	128	301	511	826	999	1 289	669	129	—	241	112
3 persons	2 349	54	51	40	141	359	491	718	368	42	7	57	120
4 persons	1 430	19	17	53	82	261	304	326	252	59	—	78	117
5 persons	768	12	23	12	30	116	180	181	159	33	—	22	120
6 persons or more	937	16	15	16	30	154	122	232	258	62	11	21	134
Median	1.7	1.1	1.2	1.2	1.4	1.5	2.1	2.2	2.5	2.7	...	1.7	...
Units with roomers, boarders, or lodgers	444	20	9	27	55	56	76	97	73	20	—	11	113
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>17 873</b>	<b>845</b>	<b>658</b>	<b>1 283</b>	<b>1 833</b>	<b>3 332</b>	<b>3 056</b>	<b>3 702</b>	<b>2 045</b>	<b>379</b>	<b>18</b>	<b>722</b>	<b>104</b>
0.50 or less	10 548	618	435	939	1 225	2 004	1 637	1 948	1 018	211	7	506	98
0.51 to 1.00	6 479	198	193	289	562	1 189	1 273	1 560	876	138	11	190	111
1.01 to 1.50	671	12	20	26	46	108	122	152	134	30	—	21	119
1.51 or more	175	17	10	29	—	31	24	42	17	—	—	5	98
<b>Lacking some or all plumbing facilities</b>	<b>1 000</b>	<b>450</b>	<b>212</b>	<b>102</b>	<b>94</b>	<b>79</b>	<b>17</b>	<b>21</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
0.50 or less	452	182	106	44	38	41	12	10	—	—	6	19	52
0.51 to 1.00	504	253	89	58	56	32	5	11	—	—	6	13	54
1.01 to 1.50	11	5	6	—	—	—	—	—	—	—	—	—	50
1.51 or more	33	10	11	—	—	6	—	—	—	—	—	—	...
<b>BEDROOMS</b>													
None	2 137	464	316	299	482	475	58	23	—	—	—	20	69
1	7 559	684	435	566	1 052	1 716	1 234	1 274	310	—	—	288	91
2	5 881	198	84	133	418	781	1 186	1 747	952	155	—	227	120
3 or more	3 347	49	19	—	146	490	630	687	755	288	17	266	129
<b>YEAR STRUCTURE BUILT</b>													
1949 to March 1970	772	85	10	15	40	74	105	263	135	25	—	20	125
1943 to 1948	2 177	203	31	25	18	83	271	807	590	116	—	33	136
1940 to 1944	1 309	25	10	17	49	102	204	507	293	63	—	39	133
1930 to 1939	1 965	39	26	43	57	395	446	500	304	59	11	83	117
1940 to 1949	3 438	255	135	254	413	683	634	674	251	36	—	103	97
1939 or earlier	9 212	688	658	1 031	1 350	2 074	1 411	972	472	80	13	463	86
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	2 302	238	199	108	449	660	306	205	76	—	—	61	83
With elevator	1 557	143	133	39	311	487	204	144	76	—	—	20	85
Walk-up	745	95	66	69	138	173	102	61	—	—	—	41	79
1 to 3 floors	16 622	1 157	655	890	1 649	2 802	2 802	3 526	1 941	443	17	740	106
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	17 160	803	622	1 348	1 761	3 213	2 958	3 621	1 998	210	—	626	104
2 or more	518	23	9	14	—	36	48	94	77	132	16	69	150
None or also used by another household	1 195	466	241	136	116	123	47	33	—	—	8	25	55
<b>INCOME IN 1969</b>													
less than \$2,000	4 468	642	282	563	677	890	455	520	183	28	—	228	79
\$2,000 to \$2,999	2 254	280	138	182	348	496	364	278	70	—	—	100	84
\$3,000 to \$3,999	1 599	96	88	119	207	345	256	306	93	15	—	74	95
\$4,000 to \$4,999	1 665	70	94	126	173	318	305	357	166	7	—	49	102
\$5,000 to \$5,999	1 357	72	44	86	123	253	253	368	109	13	—	41	106
\$6,000 to \$6,999	1 357	24	81	72	77	198	326	368	154	22	—	43	113
\$7,000 to \$9,999	3 243	80	92	138	194	594	669	807	529	48	6	86	114
\$10,000 to \$14,999	2 125	14	46	77	105	279	302	551	535	130	5	81	131
\$15,000 to \$24,999	684	12	5	17	23	38	128	160	171	95	13	22	140
\$25,000 or more	119	5	—	5	—	—	15	21	35	21	—	17	157
Median	\$4 700	\$2 000	\$3 200	\$2 700	\$2 800	\$3 900	\$5 600	\$6 100	\$8 400	\$12 200	...	\$3 600	...
<b>YEAR MOVED INTO UNIT</b>													
1949 to March 1970	9 897	384	372	536	670	1 664	1 699	2 672	1 514	215	16	155	115
1948	2 219	247	109	122	244	360	409	422	219	16	—	71	100
1947	1 272	83	72	97	121	208	256	193	147	58	—	37	103
1945 and 1946	1 467	173	119	215	162	358	247	206	104	27	—	56	87
1940 to 1944	1 972	209	92	239	370	390	256	158	52	8	—	198	79
1930 to 1939	1 215	127	79	204	221	263	127	77	15	18	—	84	77
1949 or earlier	631	69	29	85	89	129	59	20	—	—	8	119	78
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
less than 10 percent	1 217	217	148	152	156	193	158	120	59	14	—	...	76
10 to 14 percent	2 527	126	175	218	229	597	444	452	223	63	—	...	97
15 to 19 percent	2 617	128	95	154	216	431	579	545	407	62	—	...	110
20 to 24 percent	2 253	203	44	99	134	355	427	563	342	79	7	...	114
25 to 34 percent	2 782	227	142	177	266	388	417	686	392	76	11	...	109
35 percent or more	6 192	368	246	518	673	1 315	937	1 264	596	69	6	...	96
Not computed	1 285	26	20	67	53	132	111	93	26	16	—	741	95
<b>AIR CONDITIONING</b>													
Room unit(s)	265	28	—	17	8	59	15	67	41	6	—	24	111
Central system	195	13	—	16	37	38	13	61	8	9	—	—	91
None	18 413	1 251	872	1 465	1 832	3 275	3 025	3 620	2 026	327	24	696	101

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

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

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

Tacoma	Total	Less than	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000	Median (dollars)
		\$2,000	to \$2,999	to \$3,999	to \$4,999	to \$5,999	to \$6,999	to \$9,999	to \$14,999	to \$24,999	or more	
<b>Owner occupied housing units</b>	<b>35 201</b>	<b>3 179</b>	<b>1 893</b>	<b>1 650</b>	<b>1 543</b>	<b>1 658</b>	<b>1 929</b>	<b>7 238</b>	<b>9 782</b>	<b>5 102</b>	<b>1 227</b>	<b>9 400</b>
<b>ROOMS</b>												
1 and 2 rooms	210	68	37	22	5	5	10	31	20	12	-	3 000
3 rooms	1 225	255	169	126	74	60	73	218	168	82	-	4 800
4 rooms	5 897	950	556	428	384	338	449	1 346	988	400	58	6 700
5 rooms	9 468	854	499	565	483	538	510	2 059	2 794	1 026	140	8 900
6 rooms	8 819	607	364	272	317	410	496	1 930	2 828	1 399	196	10 000
7 rooms or more	9 582	445	268	237	280	307	391	1 654	2 984	2 183	833	12 000
<b>PERSONS</b>												
1 person	5 374	2 013	811	549	387	342	269	570	322	73	38	2 800
2 persons	11 575	730	787	831	736	716	803	2 438	2 854	1 434	246	8 500
3 and 4 persons	11 188	284	202	182	282	374	569	2 511	3 968	2 229	587	11 500
5 persons	3 462	95	36	63	71	76	129	819	1 327	707	139	11 700
6 persons or more	3 602	57	57	25	67	150	159	900	1 311	659	217	11 500
Units with roomers, boarders, or lodgers	784	113	61	44	37	35	76	199	147	67	5	7 400
<b>BEDROOMS</b>												
Less than 3	12 871	1 948	979	952	726	922	718	2 621	2 524	1 172	309	7 200
3	14 627	884	493	395	625	633	616	3 122	5 058	2 340	461	10 500
4 or more	7 634	277	252	121	221	208	283	1 574	2 462	1 578	658	11 800
<b>YEAR STRUCTURE BUILT</b>												
1949 to March 1970	649	16	10	23	18	40	56	164	183	123	16	10 000
1940 to 1948	4 601	147	105	92	121	146	168	890	1 701	1 006	225	11 900
1950 to 1959	6 243	318	249	150	224	283	310	1 227	2 002	1 176	304	10 900
1949 or earlier	23 708	2 698	1 529	1 385	1 180	1 189	1 395	4 957	5 896	2 797	682	8 500
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 940	204	108	165	182	214	369	1 064	1 136	415	83	9 100
1968	3 005	192	95	63	105	172	763	1 047	763	359	105	10 000
1960 to 1967	11 940	612	507	419	483	494	650	2 655	3 714	1 987	419	10 200
1959 or earlier	16 338	2 173	1 244	1 059	760	803	869	2 710	3 785	2 342	593	8 400
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	29 228	1 812	1 083	858	1 214	1 383	1 239	6 237	9 282	4 717	1 403	10 400
Clothes dryer	24 421	928	732	745	962	1 033	878	5 123	8 331	4 440	1 249	11 100
Dishwasher	11 479	117	173	127	349	231	368	1 832	4 233	3 032	1 017	11 200
Home food freezer	15 670	764	563	513	479	593	531	3 078	5 328	2 978	843	13 000
Owned second home	2 508	82	22	68	123	59	104	422	620	743	265	13 000
With air conditioning	1 374	146	62	62	67	86	67	286	327	192	85	9 100
Room unit(s)	591	60	33	21	37	31	26	153	132	70	28	8 700
Central system	783	86	29	41	24	55	41	133	195	122	57	9 600
Automobiles available:												
1	16 492	1 236	1 086	1 063	980	1 046	1 230	4 161	4 004	1 467	219	8 200
2	12 130	287	131	120	234	352	580	2 493	4 698	2 607	628	12 000
3 or more	2 549	54	21	37	15	13	89	224	777	978	341	15 500
<b>Renter occupied housing units</b>	<b>18 957</b>	<b>4 488</b>	<b>2 262</b>	<b>1 605</b>	<b>1 665</b>	<b>1 357</b>	<b>1 373</b>	<b>3 258</b>	<b>2 135</b>	<b>695</b>	<b>119</b>	<b>4 700</b>
<b>ROOMS</b>												
1 room	981	341	164	97	87	51	57	138	40	6	-	2 900
2 rooms	2 539	928	403	192	208	161	104	300	192	51	-	2 800
3 rooms	5 164	1 599	703	483	487	313	355	738	376	97	15	3 600
4 rooms	4 873	928	530	441	420	382	385	951	595	195	46	5 300
5 rooms	2 846	382	328	208	262	249	276	579	355	172	35	6 000
6 rooms or more	2 552	310	134	184	201	201	196	552	577	174	23	7 300
<b>PERSONS</b>												
1 person	8 201	3 200	1 202	660	693	503	426	968	415	99	35	2 700
2 persons	5 234	689	655	441	480	333	421	1 025	862	306	22	6 000
3 and 4 persons	3 805	312	312	362	346	369	325	831	570	178	47	6 100
5 persons	780	67	48	57	70	46	108	229	103	52	-	6 900
6 persons or more	937	67	45	85	76	106	93	205	185	60	15	7 000
Units with roomers, boarders, or lodgers	448	110	76	52	58	40	25	32	45	5	5	3 700
<b>BEDROOMS</b>												
None	2 137	817	349	244	235	62	112	205	113	-	-	2 700
1	7 559	2 235	1 167	622	674	542	536	1 059	579	85	60	3 600
2	5 927	994	626	425	383	385	583	1 375	828	252	76	6 300
3 or more	3 361	469	156	248	337	259	236	655	754	231	16	6 900
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	777	207	95	81	46	25	82	132	95	9	5	4 100
1960 to 1968	3 503	602	300	203	321	222	268	741	562	230	54	6 400
1950 to 1959	1 971	350	216	175	153	181	156	367	276	82	15	5 500
1949 or earlier	12 706	3 329	1 651	1 146	1 145	929	867	2 018	1 202	374	45	4 200
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	9 947	2 132	1 100	835	1 049	759	849	1 884	991	330	18	4 900
1968	2 222	471	206	187	199	184	150	458	244	106	17	5 300
1960 to 1967	4 927	1 189	686	378	341	347	279	739	683	224	61	4 600
1959 or earlier	1 868	690	269	202	107	82	110	151	170	78	9	2 900
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	18 873	4 468	2 256	1 599	1 665	1 357	1 357	3 243	2 125	684	119	4 700
Less than 15 percent	3 744	-	29	37	119	177	240	1 134	1 306	594	102	10 500
15 to 19 percent	2 617	-	66	124	244	265	299	1 011	566	46	-	7 900
20 to 24 percent	2 253	49	166	165	319	304	394	701	139	16	-	6 300
25 to 34 percent	2 782	214	435	479	515	453	342	305	33	6	-	4 500
35 percent or more	6 192	3 427	1 463	720	419	117	40	6	-	-	-	2000-
Not computed	1 285	772	100	74	49	41	43	86	81	22	17	2000-
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	8 214	1 518	879	609	561	559	687	1 700	1 209	415	77	6 000
Clothes dryer	6 712	1 024	756	448	416	437	606	1 473	1 079	396	77	6 500
Dishwasher	2 030	172	139	108	77	93	121	440	536	289	55	9 100
Home food freezer	1 788	220	140	121	130	119	121	386	432	85	34	7 300
Owned second home	1 111	11	17	20	25	56	23	66	116	59	38	7 600
With air conditioning	460	184	83	38	30	8	52	14	37	8	6	2 600
Room unit(s)	265	107	15	31	10	8	29	14	8	8	6	3 300
Central system	195	77	68	7	20	23	23	-	-	-	-	2 300
Automobiles available:												
1	9 409	1 258	969	838	1 029	866	885	2 024	1 226	290	24	5 700
2	2 794	214	121	100	175	157	265	697	688	319	58	8 600
3 or more	384	29	7	17	19	17	24	111	65	85	10	9 100

<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]

Tacoma	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>35 201</b>	<b>34 866</b>	<b>20 582</b>	<b>12 797</b>	<b>1 277</b>	<b>210</b>	<b>335</b>	<b>241</b>	<b>76</b>	<b>6</b>	<b>12</b>
<b>PERSONS</b>											
1 person.....	5 374	5 232	5 221	11	—	—	142	125	17	—	—
2 persons.....	11 575	11 467	10 965	485	—	17	108	96	—	—	—
3 persons.....	5 879	5 848	3 300	2 528	14	6	31	20	11	—	12
4 persons.....	5 309	5 295	753	4 467	75	—	14	—	14	—	—
5 persons.....	3 462	3 449	343	2 906	154	46	13	—	13	—	—
6 persons or more	3 602	3 575	—	2 400	1 034	141	27	—	21	6	—
Median.....	2.6	2.6	2.0	4.3	6.6	6.8	1.7	1.5	—	—	—
Units with roomers, boarders, or lodgers.....	784	768	315	417	36	—	16	10	—	6	—
<b>YEAR STRUCTURE BUILT</b>											
1949 to March 1970.....	626	626	244	355	19	8	—	—	—	—	—
1945 to 1948.....	2 136	2 129	939	1 091	92	7	—	—	—	—	—
1940 to 1944.....	2 350	2 344	1 246	980	104	14	7	7	—	—	—
1930 to 1939.....	6 228	6 185	3 289	2 668	203	25	6	6	—	—	—
1940 to 1949.....	6 684	6 599	3 806	2 501	255	37	43	19	24	—	—
1939 or earlier.....	17 199	16 985	10 899	5 354	657	75	85	64	21	—	—
<b>INCOME IN 1969</b>											
Less than \$2,000.....	3 179	3 106	2 704	362	31	9	73	61	12	—	—
\$2,000 to \$2,999.....	1 893	1 860	1 555	283	12	10	33	28	5	—	—
\$3,000 to \$3,999.....	1 650	1 628	1 367	233	16	12	22	10	6	—	—
\$4,000 to \$4,999.....	1 543	1 518	1 189	274	48	7	25	25	—	—	6
\$5,000 to \$5,999.....	1 658	1 644	1 167	472	64	11	14	14	—	—	—
\$6,000 to \$6,999.....	1 929	1 924	1 177	668	59	20	15	14	—	—	—
\$7,000 to \$9,999.....	7 238	7 147	3 648	3 004	431	64	5	5	—	—	—
\$10,000 to \$14,999.....	9 782	9 737	4 493	4 789	409	46	91	55	30	6	—
\$15,000 to \$24,999.....	5 102	5 075	2 608	2 238	198	31	45	26	19	—	—
\$25,000 or more.....	1 227	1 227	674	544	9	—	27	17	4	—	—
Median.....	\$9 400	\$9 400	\$7 900	\$11 200	\$9 800	\$8 700	\$6 100	\$4 900	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	<b>33 435</b>	<b>33 183</b>	<b>19 392</b>	<b>12 370</b>	<b>1 227</b>	<b>194</b>	<b>252</b>	<b>175</b>	<b>65</b>	<b>—</b>	<b>12</b>
Less than 1.5.....	13 100	13 004	6 381	5 922	624	77	96	65	19	—	—
1.5 to 1.9.....	6 833	6 770	3 352	3 109	266	43	63	36	27	—	—
2.0 to 2.4.....	3 902	3 895	2 177	1 564	126	28	7	—	7	—	—
2.5 to 2.9.....	2 061	2 061	1 396	553	95	17	—	—	—	—	—
3.0 to 3.9.....	2 402	2 381	1 815	495	62	9	21	21	—	—	—
4.0 or more.....	4 725	4 660	3 997	614	33	16	65	53	12	—	—
Not computed.....	412	412	274	113	21	4	—	—	—	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	1 463	1 436	976	432	25	3	27	21	—	—	—
Warm-air furnace.....	19 575	19 467	11 332	7 320	737	78	108	74	34	—	—
Built-in electric units.....	6 286	6 243	3 489	2 494	200	60	43	22	21	—	—
Floor, wall, or pipeless furnace.....	2 083	2 064	1 227	750	83	4	19	19	—	—	—
Other means.....	5 768	5 636	3 543	1 796	232	65	132	105	15	—	—
None.....	26	20	15	5	—	—	6	—	6	—	—
<b>Renter occupied housing units</b> -----	<b>18 957</b>	<b>17 957</b>	<b>10 599</b>	<b>6 512</b>	<b>671</b>	<b>175</b>	<b>1 000</b>	<b>452</b>	<b>504</b>	<b>11</b>	<b>33</b>
<b>PERSONS</b>											
1 person.....	8 201	7 375	6 898	477	—	—	826	428	398	—	—
2 persons.....	5 234	5 112	3 189	1 850	—	73	122	24	75	—	—
3 persons.....	2 359	2 339	442	1 862	35	—	20	—	20	—	23
4 persons.....	1 446	1 425	58	1 287	67	—	21	—	11	—	—
5 persons.....	780	774	12	591	150	13	6	—	—	5	—
6 persons or more	937	932	—	445	419	21	6	—	—	6	—
Median.....	1.7	1.8	1.3	3.0	6.1	4.6	1.1	1.0	1.1	—	—
Units with roomers, boarders, or lodgers.....	448	437	179	214	33	11	11	—	6	—	5
<b>YEAR STRUCTURE BUILT</b>											
1949 to March 1970.....	772	757	445	295	10	7	15	7	8	—	—
1945 to 1948.....	2 164	2 149	1 392	715	31	11	15	7	8	—	—
1940 to 1944.....	1 333	1 320	786	484	50	—	13	6	7	—	—
1930 to 1939.....	1 928	1 897	1 015	766	97	19	31	24	7	—	—
1940 to 1949.....	3 572	3 469	1 743	1 477	227	22	103	49	54	—	—
1939 or earlier.....	9 195	8 373	5 087	2 927	285	74	822	361	421	—	40
<b>INCOME IN 1969</b>											
Less than \$2,000.....	4 488	4 068	3 115	807	100	46	420	235	173	—	12
\$2,000 to \$2,999.....	2 262	2 074	1 340	689	34	9	188	83	94	—	11
\$3,000 to \$3,999.....	1 605	1 526	823	645	49	9	79	27	42	—	—
\$4,000 to \$4,999.....	1 665	1 603	896	643	50	14	62	22	34	—	10
\$5,000 to \$5,999.....	1 357	1 286	681	521	80	4	71	20	46	—	—
\$6,000 to \$6,999.....	1 373	1 323	623	604	93	3	50	5	45	—	—
\$7,000 to \$9,999.....	3 258	3 166	1 541	1 457	135	33	92	48	44	—	—
\$10,000 to \$14,999.....	2 135	2 120	1 154	821	97	48	15	—	15	—	—
\$15,000 to \$24,999.....	695	672	357	284	31	—	23	12	11	—	—
\$25,000 or more.....	119	119	69	41	—	—	—	—	—	—	—
Median.....	\$4 700	\$4 800	\$4 000	\$5 900	\$6 200	\$7 200	\$2 400	\$2000—	\$2 800	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	<b>18 873</b>	<b>17 873</b>	<b>10 548</b>	<b>6 479</b>	<b>671</b>	<b>175</b>	<b>1 000</b>	<b>452</b>	<b>504</b>	<b>11</b>	<b>33</b>
Less than 10 percent.....	1 217	1 068	548	447	36	37	149	43	106	—	—
10 to 14 percent.....	2 527	2 358	1 295	940	91	32	169	56	97	—	—
15 to 19 percent.....	2 617	2 576	1 356	1 050	160	10	41	6	30	—	—
20 to 24 percent.....	2 253	2 154	1 091	948	90	25	99	49	50	—	—
25 to 34 percent.....	2 782	2 640	1 478	1 058	64	20	142	76	61	—	—
35 percent or more.....	6 192	5 860	3 957	1 719	144	40	332	189	131	—	—
Not computed.....	1 285	1 217	823	317	66	11	68	33	29	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	4 195	3 730	2 780	892	28	30	465	183	277	—	—
Warm-air furnace.....	3 909	3 744	1 852	1 621	228	43	165	76	67	—	5
Built-in electric units.....	5 385	5 277	3 285	1 781	151	60	108	38	70	—	—
Floor, wall, or pipeless furnace.....	1 132	1 111	519	532	52	8	21	16	5	—	—
Other means.....	4 308	4 073	2 151	1 676	212	34	235	139	79	—	—
None.....	28	22	12	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]

Tacoma	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> .....	<b>35 201</b>	<b>63</b>	<b>147</b>	<b>1 225</b>	<b>5 897</b>	<b>9 468</b>	<b>8 819</b>	<b>5 410</b>	<b>4 172</b>	<b>5.6</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	34 605	15	144	1 188	5 787	9 241	8 727	5 390	4 113	5.6
<b>PERSONS</b> .....										
1 person.....	5 374	28	88	558	1 641	1 589	842	418	210	4.7
2 persons.....	11 575	29	45	440	2 703	3 742	2 630	1 311	675	5.2
3 persons.....	5 879	6	14	67	816	1 656	1 795	895	630	5.7
4 persons.....	5 309	--	--	75	473	1 352	1 679	977	753	5.9
5 persons.....	3 462	--	--	46	154	690	966	879	727	6.4
6 persons or more.....	3 602	--	--	39	110	439	907	930	1 177	6.8
Median.....	2.6	...	1.3	1.6	2.0	2.3	3.0	3.6	4.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....										
<b>With all plumbing facilities</b> .....	<b>34 866</b>	<b>34</b>	<b>131</b>	<b>1 193</b>	<b>5 845</b>	<b>9 388</b>	<b>8 744</b>	<b>5 380</b>	<b>4 151</b>	<b>5.6</b>
0.50 or less.....	20 582	--	72	526	4 292	5 268	5 219	2 610	2 595	5.5
0.51 to 1.00.....	12 797	11	45	507	1 289	3 681	3 143	2 627	1 494	5.8
1.01 to 1.50.....	1 277	--	14	75	229	392	372	133	62	5.3
1.51 or more.....	210	23	--	85	35	47	10	10	--	3.5
<b>Lacking some or all plumbing facilities</b> .....	<b>335</b>	<b>29</b>	<b>16</b>	<b>32</b>	<b>52</b>	<b>80</b>	<b>75</b>	<b>30</b>	<b>21</b>	<b>5.0</b>
0.50 or less.....	241	--	16	32	52	63	48	14	16	4.8
0.51 to 1.00.....	76	17	--	--	--	17	21	16	5	...
1.01 to 1.50.....	6	--	--	--	--	--	6	--	--	...
1.51 or more.....	12	12	--	--	--	--	--	--	--	...
<b>BEDROOMS</b> .....										
None and 1.....	1 887	91	67	814	621	209	65	20	--	3.5
2.....	10 984	--	--	303	5 069	4 422	983	162	45	4.5
3.....	14 627	--	--	--	245	5 021	5 913	2 196	1 252	5.8
4 or more.....	7 634	--	--	--	--	121	1 408	3 169	2 936	7.2
<b>YEAR STRUCTURE BUILT</b> .....										
1969 to March 1970.....	649	--	6	11	31	247	194	72	88	5.7
1960 to 1968.....	4 601	--	17	109	273	1 187	1 586	647	782	6.0
1950 to 1959.....	6 243	11	31	154	1 051	1 773	1 620	888	715	5.6
1949 or earlier.....	23 708	52	93	951	4 542	6 261	5 419	3 803	2 587	5.5
<b>COMPLETE BATHROOMS</b> .....										
1 and 1 1/2.....	30 239	15	135	1 160	5 667	8 875	7 797	4 335	2 255	5.4
2 or more.....	4 435	--	9	41	135	395	942	1 055	1 858	7.2
None or also used by another household.....	549	36	26	72	123	114	110	41	27	4.7
<b>VALUE-INCOME RATIO</b> .....										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>33 435</b>	<b>46</b>	<b>78</b>	<b>1 017</b>	<b>5 409</b>	<b>9 056</b>	<b>8 603</b>	<b>5 235</b>	<b>3 991</b>	<b>5.6</b>
Less than 1.5.....	13 100	12	31	415	2 130	3 543	3 333	2 234	1 402	5.6
1.5 to 1.9.....	6 833	6	18	108	884	1 792	1 883	1 178	964	5.8
2.0 to 2.9.....	5 963	5	10	159	744	1 609	1 674	841	921	5.8
3.0 or more.....	7 127	18	19	320	1 555	1 958	1 627	936	694	5.3
Not computed.....	412	5	--	15	96	154	86	46	10	5.1
<b>Renter occupied housing units</b> .....	<b>18 957</b>	<b>981</b>	<b>2 539</b>	<b>5 166</b>	<b>4 873</b>	<b>2 846</b>	<b>1 481</b>	<b>660</b>	<b>411</b>	<b>3.7</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	17 643	461	2 129	5 045	4 766	2 824	1 485	574	359	3.7
<b>PERSONS</b> .....										
1 person.....	8 201	875	2 071	3 175	1 394	485	118	62	21	2.9
2 persons.....	5 234	96	420	1 505	1 920	853	262	106	72	3.8
3 persons.....	2 359	--	35	375	814	693	292	83	67	4.4
4 persons.....	1 446	5	13	72	544	373	292	89	58	4.7
5 persons.....	780	--	--	21	156	233	177	114	79	5.4
6 persons or more.....	937	5	--	18	45	209	340	206	114	6.1
Median.....	1.7	1.1	1.1	1.3	2.0	2.6	3.7	4.4	4.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....										
<b>With all plumbing facilities</b> .....	<b>17 957</b>	<b>550</b>	<b>2 198</b>	<b>5 008</b>	<b>4 836</b>	<b>2 818</b>	<b>1 481</b>	<b>660</b>	<b>406</b>	<b>3.8</b>
0.50 or less.....	10 599	--	1 766	3 076	3 283	1 326	672	251	225	3.6
0.51 to 1.00.....	6 512	477	384	1 826	1 358	1 283	619	384	181	3.9
1.01 to 1.50.....	671	--	35	67	174	198	172	25	--	4.8
1.51 or more.....	175	73	13	39	21	11	--	--	--	2.5
<b>Lacking some or all plumbing facilities</b> .....	<b>1 000</b>	<b>431</b>	<b>341</b>	<b>158</b>	<b>37</b>	<b>28</b>	<b>18</b>	<b>--</b>	<b>5</b>	<b>1.7</b>
0.50 or less.....	452	--	305	99	31	12	--	--	--	2.2
0.51 to 1.00.....	504	398	36	54	--	16	--	--	5	1.1
1.01 to 1.50.....	11	--	--	5	--	6	--	--	--	...
1.51 or more.....	33	33	--	--	--	--	--	--	--	...
<b>BEDROOMS</b> .....										
None.....	2 137	900	945	292	--	--	--	--	--	1.7
1.....	7 559	--	1 663	4 346	1 313	199	18	20	--	3.0
2.....	5 927	--	--	247	3 665	1 620	221	91	83	4.2
3 or more.....	3 361	--	--	--	19	836	1 301	823	382	6.1
<b>YEAR STRUCTURE BUILT</b> .....										
1969 to March 1970.....	777	51	125	261	212	103	20	5	--	3.3
1960 to 1968.....	3 503	68	467	1 187	1 199	370	112	54	46	3.5
1950 to 1959.....	1 971	49	217	504	536	329	200	83	53	3.9
1949 or earlier.....	12 706	813	1 730	3 214	2 926	2 044	1 149	518	312	3.7
<b>COMPLETE BATHROOMS</b> .....										
1 and 1 1/2.....	17 251	528	2 124	5 000	4 739	2 726	1 365	502	267	3.7
2 or more.....	518	6	26	53	40	98	125	78	92	5.8
None or also used by another household.....	1 195	463	369	232	68	46	10	--	7	1.9
<b>GROSS RENT AS PERCENTAGE OF INCOME</b> .....										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>18 873</b>	<b>981</b>	<b>2 527</b>	<b>5 166</b>	<b>4 856</b>	<b>2 818</b>	<b>1 472</b>	<b>642</b>	<b>411</b>	<b>3.7</b>
Less than 10 percent.....	1 217	172	207	288	279	177	52	33	9	3.3
10 to 14 percent.....	2 527	144	309	605	634	431	256	97	51	3.8
15 to 19 percent.....	2 617	95	307	604	761	445	266	85	54	3.9
20 to 24 percent.....	2 253	118	246	546	605	371	189	118	60	3.9
25 to 34 percent.....	2 782	102	322	782	708	471	230	78	89	3.8
35 percent or more.....	6 192	305	1 028	1 980	1 554	759	329	163	74	3.4
Not computed.....	1 285	45	108	361	315	164	150	68	74	3.9

<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-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]

**TACOMA**

**All occupied housing units**

**ROOMS**

	Total	1 unit	2 units or more	Mobile home or trailer
1 room	63	46	6	11
2 rooms	147	78	37	32
3 rooms	1 225	1 035	145	45
4 rooms	5 897	5 527	317	53
5 rooms	9 468	9 164	304	--
6 rooms	8 819	8 731	88	--
7 rooms	5 410	5 326	84	--
8 rooms or more	4 172	4 081	91	--
Median	5.6	5.6	4.6	3.1

**PLUMBING FACILITIES BY PERSONS PER ROOM**

	Total	1 unit	2 units or more	Mobile home or trailer
With all plumbing facilities	34 866	33 721	1 009	136
0.50 or less	20 582	19 748	741	93
0.51 to 1.00	12 797	12 533	226	38
1.01 to 1.50	1 277	1 241	36	--
1.51 or more	210	199	6	5
Lacking some or all plumbing facilities	335	267	63	5
0.50 or less	241	190	51	--
0.51 to 1.00	76	65	6	5
1.01 to 1.50	6	--	6	--
1.51 or more	12	12	--	--

**BEDROOMS**

	Total	1 unit	2 units or more	Mobile home or trailer
None	131	87	44	--
1	1 756	1 543	192	21
2	10 984	10 453	432	99
3	14 627	14 365	262	--
4 or more	7 634	7 498	136	--

**YEAR STRUCTURE BUILT**

	Total	1 unit	2 units or more	Mobile home or trailer
1969 to March 1970	649	620	29	--
1965 to 1968	2 177	2 111	42	24
1960 to 1964	2 424	2 340	30	54
1950 to 1959	6 243	6 094	91	58
1940 to 1949	6 589	6 490	94	5
1939 or earlier	17 119	16 333	786	--

**INCOME IN 1969**

	Total	1 unit	2 units or more	Mobile home or trailer
Less than \$2,000	3 179	3 004	156	19
\$2,000 to \$2,999	1 893	1 817	47	29
\$3,000 to \$3,999	1 650	1 520	119	11
\$4,000 to \$4,999	1 543	1 495	41	7
\$5,000 to \$5,999	1 658	1 565	75	18
\$6,000 to \$6,999	1 929	1 806	118	5
\$7,000 to \$9,999	7 238	7 024	185	29
\$10,000 to \$14,999	9 782	9 580	192	10
\$15,000 to \$24,999	5 102	4 965	124	13
\$25,000 or more	1 227	1 212	15	--
Median	\$9 400	\$9 500	\$6 800	\$5 300

**YEAR MOVED INTO UNIT**

	Total	1 unit	2 units or more	Mobile home or trailer
1969 to March 1970	3 940	3 733	162	45
1966	3 005	2 937	68	--
1961	2 365	2 299	54	12
1945 and 1966	3 399	3 299	76	24
1940 to 1964	6 176	5 950	173	53
1930 to 1939	8 651	8 348	297	6
1949 or earlier	7 687	7 414	273	--

**GROSS RENT**

	Total	1 unit	2 units or more	Mobile home or trailer
Specified renter occupied <sup>1</sup>	18 873	7 032	1 867	1 167
Less than \$50	1 295	137	141	62
\$50 to \$59	870	175	62	70
\$60 to \$69	1 385	245	102	152
\$70 to \$79	1 927	342	260	191
\$80 to \$89	3 411	1 093	516	255
\$100 to \$119	3 073	1 519	371	215
\$120 to \$149	3 723	1 717	275	143
\$150 to \$199	2 045	1 047	88	66
\$200 to \$299	379	211	10	9
\$300 or more	24	18	--	--
No cash rent	741	528	42	4
Median	\$101	\$117	\$92	\$87

**HEATING EQUIPMENT**

	Total	1 unit	2 units or more	Mobile home or trailer
Steam or hot water	1 463	1 239	224	--
Warm-air furnace	19 575	19 044	463	68
Built-in electric units	6 286	6 103	148	35
Floor, wall, or pipeless furnace	2 083	2 058	25	--
Other means	5 768	5 524	206	38
None	26	20	6	--

**AIR CONDITIONING**

	Total	1 unit	2 units or more	Mobile home or trailer
Room unit(s)	591	548	27	16
Central system	783	764	19	--
None	33 849	32 668	1 057	124

**AUTOMOBILES AVAILABLE**

	Total	1 unit	2 units or more	Mobile home or trailer
1	16 492	15 928	476	88
2	12 130	11 806	288	36
3 or more	2 549	2 493	56	--
None	4 052	3 753	283	16

	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>	<b>35 201</b>	<b>33 988</b>	<b>1 072</b>	<b>141</b>	<b>18 957</b>	<b>7 116</b>	<b>1 867</b>	<b>1 167</b>	<b>1 656</b>	<b>2 485</b>	<b>4 618</b>	<b>48</b>
<b>ROOMS</b>												
1 room	63	46	6	11	981	66	5	64	129	229	483	5
2 rooms	147	78	37	32	2 539	245	46	139	249	488	1 355	17
3 rooms	1 225	1 035	145	45	5 166	901	415	535	668	959	1 683	5
4 rooms	5 897	5 527	317	53	4 873	2 030	737	283	411	592	810	10
5 rooms	9 468	9 164	304	--	2 846	1 595	547	109	170	166	253	6
6 rooms	8 819	8 731	88	--	1 481	1 267	95	23	29	40	22	5
7 rooms	5 410	5 326	84	--	660	631	14	5	--	--	12	--
8 rooms or more	4 172	4 081	91	--	411	381	14	5	--	--	--	--
Median	5.6	5.6	4.6	3.1	3.7	4.7	4.1	3.2	3.2	3.0	2.8	--
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	34 866	33 721	1 009	136	17 957	7 054	1 840	1 070	1 472	2 231	4 242	48
0.50 or less	20 582	19 748	741	93	10 599	3 256	983	689	974	1 618	3 054	25
0.51 to 1.00	12 797	12 533	226	38	6 512	3 208	773	356	445	575	1 137	18
1.01 to 1.50	1 277	1 241	36	--	671	378	73	21	26	13	21	--
1.51 or more	210	199	6	5	175	78	11	4	27	25	30	--
Lacking some or all plumbing facilities	335	267	63	5	1 000	452	27	97	184	254	376	--
0.50 or less	241	190	51	--	452	41	17	47	83	102	162	--
0.51 to 1.00	76	65	6	5	504	15	5	50	83	152	199	--
1.01 to 1.50	6	--	6	--	11	6	--	--	--	--	--	--
1.51 or more	12	12	--	--	33	--	--	--	18	--	15	--
<b>BEDROOMS</b>												
None	131	87	44	--	2 137	152	20	109	124	472	1 238	22
1	1 756	1 543	192	21	7 559	1 404	722	789	1 090	1 279	2 250	25
2	10 984	10 453	432	99	5 927	2 818	830	368	505	724	682	--
3	14 627	14 365	262	--	2 216	1 743	365	35	19	36	--	18
4 or more	7 634	7 498	136	--	1 145	1 128	--	17	--	--	--	--
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	649	620	29	--	777	82	24	57	64	176	368	6
1965 to 1968	2 177	2 111	42	24	2 177	329	44	61	135	509	1 075	24
1960 to 1964	2 424	2 340	30	54	1 326	370	89	35	116	352	364	--
1950 to 1959	6 243	6 094	91	58	1 971	1 001	203	92	86	190	394	5
1940 to 1949	6 589	6 490	94	5	3 471	1 877	634	174	311	182	285	8
1939 or earlier	17 119	16 333	786	--	9 235	3 457	873	748	944	1 076	2 132	5
<b>INCOME IN 1969</b>												
Less than \$2,000	3 179	3 004	156	19	4 488	1 242	398	332	464	640	1 402	10
\$2,000 to \$2,999	1 893	1 817	47	29	2 262	709	229	123	227	333	626	15
\$3,000 to \$3,999	1 650	1 520	119	11	1 605	589	156	138	172	196	354	--
\$4,000 to \$4,999	1 543	1 495	41	7	1 665	597	204	137	165	149	413	--
\$5,000 to \$5,999	1 658	1 565	75	18	1 357	549	164	87	93	193	271	--
\$6,000 to \$6,999	1 929	1 806	118	5	1 373	622	167	56	84	190	249	5
\$7,000 to \$9,999	7 238	7 024	185	29	3 258	1 423	340	182	255	381	672	5
\$10,000 to \$14,999	9 782	9 580	192	10	2 135	1 031	144	86	162	230	474	8
\$15,000 to \$24,999	5 102	4 965	124	13	695	302	53	26	27	136	146	5
\$25,000 or more	1 227	1 212	15	--	119	52	12	--	7	37	11	--
Median	\$9 400	\$9 500	\$6 800	\$5 300	\$4 700	\$5 800	\$4 700	\$3 900	\$3 800	\$4 500	\$3 800	--
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 940	3 733	162	45	9 947	3 913	1 048	619	839	1 225	2 303	--
1966	3 005	2 937	68	--	2 222	870	266	101	241	200	531	13
1961	2 365	2 299	54	12	1 272	481	129	42	72	240	289	19
1945 and 1966	3 399	3 299	76	24	1 675	560	127	97	136			

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]

Tacoma	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> .....	<b>35 201</b>	<b>886</b>	<b>4 484</b>	<b>5 208</b>	<b>10 861</b>	<b>4 151</b>	<b>890</b>	<b>193</b>	<b>2 446</b>	<b>708</b>	<b>2 287</b>	<b>3 087</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	34 866	886	4 463	5 197	10 792	4 117	883	179	2 424	693	2 234	2 998
0.50 or less .....	20 582	371	1 150	1 117	6 630	3 481	494	155	1 389	574	2 228	2 993
0.51 to 1.00 .....	12 797	500	2 971	3 480	3 818	604	348	24	931	110	6	5
1.01 to 1.50 .....	1 277	15	289	53	294	10	35	6	94	9	-	-
1.51 or more .....	210	-	53	69	50	22	6	-	10	-	-	-
Lacking some or all plumbing facilities .....	335	-	21	11	69	34	7	14	22	15	53	89
0.50 or less .....	241	-	4	6	32	29	-	14	16	15	48	77
0.51 to 1.00 .....	76	-	17	5	19	5	7	-	6	-	5	12
1.01 to 1.50 .....	6	-	-	-	6	-	-	-	-	-	-	-
1.51 or more .....	12	-	-	-	12	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	33 988	858	4 418	5 135	10 644	3 956	831	168	2 378	650	2 086	2 864
2 or more .....	1 072	21	60	61	200	181	54	25	68	51	156	195
Mobile home or trailer .....	141	7	6	12	17	14	5	-	-	7	45	28
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	3 179	34	30	42	95	388	55	25	387	110	449	1 564
\$2,000 to \$2,999 .....	1 893	21	38	14	98	509	25	50	229	98	179	632
\$3,000 to \$3,999 .....	1 650	28	51	22	102	581	23	25	190	79	181	368
\$4,000 to \$4,999 .....	1 543	47	64	47	170	449	21	12	266	80	194	193
\$5,000 to \$5,999 .....	1 658	69	128	117	299	411	42	10	203	37	257	85
\$6,000 to \$6,999 .....	1 929	95	170	226	439	331	102	13	226	58	200	49
\$7,000 to \$7,999 .....	7 238	336	1 559	1 122	2 192	688	193	32	447	99	469	101
\$10,000 to \$14,999 .....	9 782	232	1 878	2 272	3 929	450	243	20	335	101	265	57
\$15,000 to \$24,999 .....	5 102	24	489	1 064	2 868	243	155	6	134	46	65	8
\$25,000 or more .....	1 227	-	77	282	669	101	31	-	29	-	28	10
Median .....	\$9 400	\$8 300	\$10 500	\$12 200	\$12 600	\$5 400	\$9 800	\$3 900	\$5 700	\$4 800	\$5 500	\$2 000
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup> .....	33 435	846	4 392	5 076	10 401	3 868	805	168	2 352	641	2 050	2 836
Less than 1.5 .....	13 100	290	1 764	2 502	6 006	796	358	43	497	190	522	132
1.5 to 1.9 .....	6 833	217	1 326	1 307	2 356	565	181	25	377	70	302	107
2.0 to 2.4 .....	3 902	130	724	617	1 060	561	97	10	232	71	243	157
2.5 to 2.9 .....	2 061	77	264	297	386	385	53	3	200	37	182	177
3.0 to 3.9 .....	2 402	76	172	224	286	601	50	14	273	91	207	408
4.0 or more .....	4 725	37	142	120	301	925	60	67	633	165	517	1 758
Not computed .....	412	19	-	9	6	35	6	6	140	17	77	97
<b>Renter occupied housing units</b> .....	<b>18 957</b>	<b>2 164</b>	<b>1 943</b>	<b>896</b>	<b>1 437</b>	<b>843</b>	<b>799</b>	<b>122</b>	<b>2 282</b>	<b>270</b>	<b>4 882</b>	<b>3 319</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	17 957	2 153	1 920	890	1 406	837	765	117	2 252	242	4 363	3 012
0.50 or less .....	10 599	575	445	166	669	510	395	55	746	140	4 085	2 813
0.51 to 1.00 .....	6 512	1 484	1 264	549	635	306	323	57	1 322	95	278	199
1.01 to 1.50 .....	671	64	193	160	73	37	37	-	144	-	-	-
1.51 or more .....	175	30	183	15	29	21	10	5	40	7	-	-
Lacking some or all plumbing facilities .....	1 000	11	23	6	31	6	34	5	30	28	519	307
0.50 or less .....	452	-	-	-	10	-	6	-	-	-	8	246
0.51 to 1.00 .....	504	11	23	6	4	6	11	-	30	15	273	182
1.01 to 1.50 .....	11	-	-	-	6	-	-	-	-	-	-	125
1.51 or more .....	33	-	-	-	11	-	17	-	-	5	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	7 116	1 036	1 288	639	746	272	336	50	1 224	66	965	494
2 to 4 .....	3 034	400	294	79	160	139	164	22	489	52	756	494
5 to 19 .....	4 141	367	231	116	254	214	152	27	340	101	1 431	908
20 or more .....	4 618	355	130	57	272	218	139	23	224	51	1 716	1 433
Mobile home or trailer .....	48	6	-	5	5	-	8	-	5	-	14	5
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup> .....	18 873	2 154	1 934	891	1 432	837	799	122	2 262	270	4 858	3 314
Less than \$50 .....	1 295	48	15	-	34	37	11	21	35	24	415	655
\$50 to \$59 .....	870	36	27	21	41	43	25	6	24	11	414	222
\$60 to \$69 .....	1 385	50	32	39	32	102	35	22	104	6	604	359
\$70 to \$79 .....	1 927	124	57	75	102	133	61	24	167	51	599	534
\$80 to \$99 .....	3 411	309	266	98	201	93	123	18	541	67	944	751
\$100 to \$119 .....	3 073	495	363	160	289	150	168	6	434	31	697	280
\$120 to \$149 .....	3 723	754	633	163	264	103	176	-	575	38	753	224
\$150 to \$199 .....	2 045	246	421	239	257	61	128	13	322	19	230	109
\$200 to \$299 .....	379	15	63	68	90	23	41	-	21	4	24	30
\$300 or more .....	24	-	12	-	6	-	-	-	-	-	-	-
No cash rent .....	741	37	45	28	116	92	31	12	39	19	172	150
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup> .....	18 873	2 154	1 934	891	1 432	837	799	122	2 262	270	4 858	3 314
Less than \$5,000 .....	9 988	808	306	142	220	479	395	94	1 649	162	2 778	2 955
Less than 20 percent .....	622	20	14	14	10	88	27	-	18	14	251	166
20 to 24 percent .....	699	57	15	16	17	30	7	-	104	24	193	236
25 to 34 percent .....	1 643	162	61	36	44	112	73	29	195	40	496	395
35 percent or more .....	6 029	526	192	76	113	177	256	54	1 103	69	1 583	1 880
Not computed .....	995	43	24	-	36	72	32	11	229	15	255	278
\$5,000 to \$9,999 .....	5 957	1 036	1 058	364	518	222	254	10	514	84	1 631	1 266
Less than 20 percent .....	3 125	430	517	184	273	118	118	5	241	63	1 022	1 554
20 to 24 percent .....	1 399	326	268	92	113	34	66	-	133	17	311	37
25 to 34 percent .....	1 100	254	211	59	83	41	53	-	98	-	237	64
35 percent or more .....	163	21	37	23	9	19	6	-	32	-	16	-
Not computed .....	170	5	25	6	38	10	11	-	10	4	45	11
\$10,000 to \$14,999 .....	2 125	260	433	259	471	84	112	18	68	12	370	38
Less than 20 percent .....	1 872	241	360	212	402	74	93	18	61	12	370	38
20 to 24 percent .....	139	14	48	24	26	5	11	-	7	-	-	-
25 percent or more .....	33	-	10	23	-	-	-	-	-	-	-	-
Not computed .....	81	5	15	-	43	5	-	-	-	-	-	-
\$15,000 or more .....	803	50	137	126	223	52	38	-	31	12	79	55
Less than 20 percent .....	742	50	126	104	207	40	38	-	31	12	79	55
20 to 24 percent .....	16	-	11	-	5	-	-	-	-	-	-	-
25 percent or more .....	6	-	-	-	6	-	-	-	-	-	-	-
Not computed .....	39	-	-	-	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-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]

Tacoma	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>35 201</b>	<b>5 374</b>	<b>11 575</b>	<b>5 879</b>	<b>5 309</b>	<b>3 462</b>	<b>1 942</b>	<b>1 069</b>	<b>591</b>	<b>2.6</b>
<b>BEDROOMS</b>										
None and 1 .....	1 887	935	753	62	49	34	19	35	-	1.5
2 .....	10 984	2 507	5 365	1 650	902	363	62	100	35	2.1
3 .....	14 627	1 335	4 339	3 071	2 916	1 826	789	211	140	3.0
4 or more .....	7 634	447	1 260	990	1 494	1 386	992	643	422	4.2
<b>YEAR STRUCTURE BUILT</b>										
1949 to March 1970 .....	649	20	150	142	203	72	40	17	5	3.6
1945 to 1948 .....	2 177	64	532	429	561	284	199	61	47	3.6
1940 to 1944 .....	2 424	140	655	473	507	367	196	39	47	3.4
1930 to 1939 .....	6 243	661	1 995	1 170	1 101	711	376	140	89	2.9
1940 to 1949 .....	6 589	961	2 164	1 304	949	688	255	164	104	2.6
1939 or earlier .....	17 119	3 528	6 079	2 361	1 988	1 340	876	648	299	2.3
<b>UNITS IN STRUCTURE</b>										
1 .....	33 988	4 950	11 065	5 751	5 254	3 434	1 897	1 052	585	2.7
2 or more .....	1 072	351	453	122	55	23	45	17	6	1.9
Mobile home or trailer .....	141	73	57	6	-	5	-	-	-	1.5
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	30 239	4 889	10 182	4 964	4 454	2 874	1 547	893	436	2.5
2 and 2 1/2 .....	3 809	237	1 030	765	734	484	308	160	91	3.3
3 or more .....	626	43	115	116	94	97	76	45	40	3.9
None or also used by another household .....	549	224	190	64	16	5	29	15	6	1.8
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>29 827</b>	...	<b>11 575</b>	<b>5 879</b>	<b>5 309</b>	<b>3 462</b>	<b>1 942</b>	<b>1 069</b>	<b>591</b>	<b>3.1</b>
Male head, wife present, no nonrelatives .....	25 590	...	9 513	4 934	4 763	3 118	1 775	929	558	3.2
Under 25 years .....	886	...	287	323	202	55	19	-	-	3.0
25 to 34 years .....	4 484	...	499	849	849	202	55	-	-	3.0
35 to 44 years .....	5 208	...	452	620	1 533	903	441	165	94	4.1
45 to 64 years .....	10 861	...	4 819	2 633	1 278	1 279	791	481	307	4.7
65 years and over .....	4 151	...	3 456	509	1 641	847	491	283	147	2.7
Other male head .....	1 083	...	589	190	109	34	33	-	10	2.1
Under 65 years .....	890	...	428	165	110	89	18	65	22	2.4
65 years and over .....	193	...	161	25	18	5	18	65	22	2.6
Female head .....	3 154	...	1 473	755	436	255	149	75	11	2.1
Under 65 years .....	2 446	...	912	664	409	235	149	66	11	2.6
65 years and over .....	708	...	561	91	27	20	-	9	-	3.0
<b>One-person households</b> .....	<b>5 374</b>	<b>5 374</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>33 435</b>	<b>4 886</b>	<b>10 829</b>	<b>5 658</b>	<b>5 173</b>	<b>3 388</b>	<b>1 886</b>	<b>1 039</b>	<b>576</b>	<b>2.7</b>
Less than 1.5 .....	13 100	654	4 205	2 611	2 383	1 610	895	529	213	3.1
1.5 to 1.9 .....	6 833	409	1 984	1 356	1 404	835	470	227	148	3.3
2.0 to 2.4 .....	3 902	400	1 269	651	673	440	238	136	95	2.9
2.5 to 2.9 .....	2 061	359	756	308	309	134	95	37	63	2.4
3.0 to 3.9 .....	2 402	615	1 001	277	178	159	88	52	32	2.1
4.0 or more .....	4 725	2 275	1 525	412	182	181	79	46	25	1.6
Not computed .....	412	174	89	43	44	29	21	12	-	1.9
<b>Renter occupied housing units</b> .....	<b>18 957</b>	<b>8 201</b>	<b>5 234</b>	<b>2 359</b>	<b>1 446</b>	<b>780</b>	<b>432</b>	<b>379</b>	<b>126</b>	<b>1.7</b>
<b>BEDROOMS</b>										
None .....	2 137	1 802	319	-	-	-	16	-	-	1.1
1 .....	7 559	4 979	1 800	592	84	58	30	-	-	1.3
2 .....	5 927	1 067	2 463	1 361	728	213	52	22	21	2.3
3 or more .....	3 361	355	415	645	594	506	412	314	120	3.9
<b>YEAR STRUCTURE BUILT</b>										
1949 to March 1970 .....	777	382	233	90	44	13	4	11	-	1.5
1945 to 1948 .....	2 177	873	866	267	100	36	16	14	-	1.7
1940 to 1944 .....	1 326	490	511	171	74	21	33	21	5	1.8
1930 to 1939 .....	1 971	725	487	337	198	101	74	35	12	2.0
1940 to 1949 .....	3 471	1 097	872	627	388	257	76	110	44	2.2
1939 or earlier .....	9 235	4 634	2 265	867	642	352	227	188	60	1.5
<b>UNITS IN STRUCTURE</b>										
1 .....	7 116	1 459	1 807	1 365	1 023	635	371	334	122	2.7
2 .....	1 867	550	366	366	192	97	37	30	-	2.1
3 and 4 .....	1 167	640	364	84	49	15	9	6	4	1.4
5 to 9 .....	1 656	892	517	162	63	8	6	4	4	1.4
10 to 19 .....	2 485	1 447	840	153	31	5	4	5	5	1.4
20 or more .....	4 618	3 149	1 142	224	83	15	5	-	-	1.2
Mobile home or trailer .....	48	19	14	5	5	5	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	17 251	7 152	4 982	2 237	1 339	761	342	352	86	1.8
2 or more .....	518	80	158	57	52	32	66	42	31	2.9
None or also used by another household .....	1 195	955	167	35	38	-	-	-	-	1.1
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>10 756</b>	...	<b>5 234</b>	<b>2 359</b>	<b>1 446</b>	<b>780</b>	<b>432</b>	<b>379</b>	<b>126</b>	<b>2.6</b>
Male head, wife present, no nonrelatives .....	7 283	...	3 388	1 652	995	549	329	254	116	2.7
Under 25 years .....	2 164	...	1 048	756	282	37	20	21	-	2.3
25 to 34 years .....	1 943	...	568	419	419	270	183	52	32	3.5
35 to 44 years .....	896	...	184	170	143	128	82	141	48	4.2
45 to 64 years .....	1 437	...	827	249	145	100	44	40	32	2.4
65 years and over .....	843	...	761	58	6	14	-	-	4	2.1
Other male head .....	921	...	649	133	77	30	10	22	-	2.2
Under 65 years .....	799	...	559	119	59	30	10	22	-	2.2
65 years and over .....	122	...	90	14	18	-	-	-	-	2.2
Female head .....	2 552	...	1 197	574	374	201	93	103	10	2.6
Under 65 years .....	2 282	...	944	563	374	195	93	103	10	2.8
65 years and over .....	270	...	253	11	-	6	-	-	-	2.0
<b>One-person households</b> .....	<b>8 201</b>	<b>8 201</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>18 873</b>	<b>8 172</b>	<b>5 217</b>	<b>2 349</b>	<b>1 430</b>	<b>768</b>	<b>432</b>	<b>379</b>	<b>126</b>	<b>1.7</b>
Less than 10 percent .....	1 217	522	369	156	82	43	17	14	14	1.7
10 to 14 percent .....	2 527	766	965	338	195	138	43	57	25	2.0
15 to 19 percent .....	2 617	838	828	303	300	135	103	92	18	2.1
20 to 24 percent .....	2 253	781	636	389	177	144	53	38	35	2.0
25 to 34 percent .....	2 782	1 192	715	327	226	133	117	51	21	1.8
35 percent or more .....	6 192	3 479	1 364	680	350	138	77	96	8	1.4
Not computed .....	1 285	594	340	156	100	37	22	31	5	1.6

<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-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)

Tacoma					Tacoma				
	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>913</b>	<b>349</b>	<b>369</b>	<b>195</b>	<b>Vacant for rent</b>	<b>2 604</b>	<b>1 633</b>	<b>738</b>	<b>233</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	101	78	7	16	1 room	189	111	51	27
4 rooms	133	50	56	27	2 rooms	383	243	120	20
5 rooms	251	90	107	54	3 rooms	762	529	160	73
6 rooms	238	87	113	38	4 rooms	711	444	189	78
7 rooms or more	190	44	86	60	5 rooms	369	196	141	32
					6 rooms	120	84	33	3
					7 rooms or more	70	26	44	-
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities	901	345	365	191	With all plumbing facilities	2 409	1 543	655	211
Lacking some or all plumbing facilities	12	4	4	4	Lacking some or all plumbing facilities	195	90	83	22
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1	115	85	-	30	None	283	194	89	-
2	232	102	71	59	1	1 210	831	324	55
3	274	84	89	99	2	796	447	244	105
4 or more	158	28	115	15	3 or more	399	329	55	15
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970	167	100	36	31	1969 to March 1970	325	310	6	9
1960 to 1968	108	39	36	33	1960 to 1968	436	308	92	36
1950 to 1959	144	59	66	19	1950 to 1959	296	157	102	37
1949 or earlier	494	151	231	112	1949 or earlier	1 547	858	538	151
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1	821	281	356	184	1	725	387	240	98
2 or more	92	68	13	11	2 to 4	506	276	171	59
					5 to 9	223	143	66	14
					10 to 19	366	269	76	21
					20 or more	784	558	185	41
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water	11	8	-	3	<b>Specified vacant for rent<sup>1</sup></b>	<b>2 594</b>	<b>1 629</b>	<b>732</b>	<b>233</b>
Warm-air furnaces	413	124	204	85	Less than \$50	204	103	62	39
Built-in electric units	241	137	50	54	\$50 to \$59	410	254	99	57
Floor, wall, or pipeless furnace	56	23	23	10	\$60 to \$79	588	325	200	63
Other means	192	57	92	43	\$80 to \$99	573	367	179	27
None	-	-	-	-	\$100 to \$119	333	226	93	14
					\$120 to \$149	331	234	73	24
					\$150 to \$199	152	120	23	9
					\$200 or more	3	-	3	-
<b>SALES PRICE ASKED</b>					Median rent asked	\$83	\$87	\$81	\$67
<b>Specified vacant for sale<sup>1</sup></b>	<b>815</b>	<b>241</b>	<b>330</b>	<b>184</b>					
Less than \$5,000	29	-	13	16	Less than \$50	204	103	62	39
\$5,000 to \$9,999	141	49	58	34	\$50 to \$59	410	254	99	57
\$10,000 to \$14,999	322	121	141	60	\$60 to \$79	588	325	200	63
\$15,000 to \$19,999	222	65	107	50	\$80 to \$99	573	367	179	27
\$20,000 to \$24,999	45	21	11	13	\$100 to \$119	333	226	93	14
\$25,000 to \$34,999	39	25	7	7	\$120 to \$149	331	234	73	24
\$35,000 to \$49,999	12	-	8	4	\$150 to \$199	152	120	23	9
\$50,000 or more	5	-	5	-	\$200 or more	3	-	3	-
Median price asked	\$13 700	\$13 800	\$13 700	\$13 500					

<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 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)

Tacoma	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>815</b>	<b>170</b>	<b>322</b>	<b>222</b>	<b>45</b>	<b>39</b>	<b>17</b>	<b>2 594</b>	<b>614</b>	<b>588</b>	<b>573</b>	<b>644</b>	<b>152</b>	<b>3</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities	666	100	243	222	56	14	31	2 511	473	647	593	617	181	-
Lacking some or all plumbing facilities	14	14	-	-	-	-	-	177	106	71	-	-	-	-
<b>BEDROOMS</b>														
None and 1	44	14	14	16	-	-	-	1 493	461	448	372	179	33	-
2	218	43	131	30	-	14	-	796	84	164	171	247	130	-
3	260	29	28	147	56	-	-	276	-	106	16	136	18	-
4 or more	158	28	70	29	-	-	31	123	34	-	34	55	-	-
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970	107	-	-	63	32	8	4	325	126	8	22	152	17	-
1960 to 1968	108	14	34	40	9	3	8	436	35	51	50	201	99	-
1950 to 1959	133	26	48	40	-	19	-	296	50	32	97	89	25	3
1949 or earlier	467	130	240	79	4	9	5	1 537	403	497	404	222	11	-
<b>UNITS IN STRUCTURE</b>														
1	...	...	...	...	...	...	...	715	98	134	233	234	13	3
2 to 4	...	...	...	...	...	...	...	506	111	170	135	76	14	-
5 to 19	...	...	...	...	...	...	...	589	146	134	129	133	47	-
20 or more	...	...	...	...	...	...	...	784	259	150	76	221	78	-
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included	...	...	...	...	...	...	...	778	270	216	131	124	37	-
Some or no utilities included	...	...	...	...	...	...	...	1 816	344	372	442	540	115	3

<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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PLACES .....	App-1
STANDARD METROPOLITAN STATISTICAL AREAS .....	App-1

### USUAL PLACE OF RESIDENCE

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

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

### COUNTIES

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

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

### PLACES

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

### STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

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

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### GENERAL

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

### Comparability with 1960 data.—

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

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

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

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

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

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

### LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

#### OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

#### STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### EQUIPMENT, FUELS, AND APPLIANCES

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



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

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

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

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

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

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

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

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

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

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

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

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

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

#### FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

## HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B—Continued

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

<p><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? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p>	<p>FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1"> <thead> <tr> <th><b>H4.</b> Block number</th> <th><b>H5.</b> Serial number</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> </tbody> </table>	<b>H4.</b> Block number	<b>H5.</b> Serial number	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
<b>H4.</b> Block number	<b>H5.</b> Serial number																							
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<p>Answer these questions for your living quarters</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? _____</p> <p><input type="radio"/> No _____ Phone number</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>B.</b> Type of unit or quarters</p> <p><u>Occupied</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><u>Vacant</u></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p><u>Group quarters</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p>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>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><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p>	<p><b>C.</b> Vacancy status</p> <p><u>Year round—</u></p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> <u>Seasonal</u></p> <p><input type="radio"/> <u>Migratory</u></p>																						
<p><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>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> <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>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>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>(Nearest dollar) (Week, half-month, year, etc.)</p>	<p><b>C/O</b> <input type="radio"/> <input type="radio"/></p>																						
<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</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p>																								
<p><b>H6.</b> Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p>																								
<p><b>H7.</b> Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p>																								
<p><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>																								

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

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

15 and 5 percent

15 percent

APPENDIX B—Continued

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

<p><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="checkbox"/> Yes, average monthly cost is \$ _____ .00  <input type="checkbox"/> No, included in rent  <input type="checkbox"/> No, electricity not used  <i>Average monthly cost</i></p> <p>b. Gas?  <input type="checkbox"/> Yes, average monthly cost is \$ _____ .00  <input type="checkbox"/> No, included in rent  <input type="checkbox"/> No, gas not used  <i>Average monthly cost</i></p> <p>c. Water?  <input type="checkbox"/> Yes, yearly cost is \$ _____ .00  <input type="checkbox"/> No, included in rent or no charge  <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.?  <input type="checkbox"/> Yes, yearly cost is \$ _____ .00  <input type="checkbox"/> No, included in rent  <input type="checkbox"/> No, these fuels not used  <i>Yearly cost</i></p>	<p><b>H24a.</b> How many stories (floors) are in this building?  <input type="checkbox"/> 1 to 3 stories  <input type="checkbox"/> 4 to 6 stories  <input type="checkbox"/> 7 to 12 stories  <input checked="" type="checkbox"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building?  <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p><b>H14.</b> How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <p><input type="checkbox"/> Steam or hot water system  <input type="checkbox"/> Central warm air furnace with ducts to the individual rooms, or central heat pump  <input type="checkbox"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)  <input checked="" type="checkbox"/> Floor, wall, or pipeless furnace  <input type="checkbox"/> Room heaters with flue or vent, burning gas, oil, or kerosene  <input type="checkbox"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)  <input type="checkbox"/> Fireplaces, stoves, or portable room heaters of any kind      In some other way—Describe _____  <input type="checkbox"/> None, unit has no heating equipment</p>	<p><b>H25a.</b> Which fuel is used most for cooking?  <input checked="" type="checkbox"/> From underground pipes serving the neighborhood.  <input type="checkbox"/> Bottled, tank, or LP  <input type="checkbox"/> Electricity  <input type="checkbox"/> Fuel oil, kerosene, etc.</p> <p><input type="checkbox"/> Coal or coke  <input type="checkbox"/> Wood  <input type="checkbox"/> Other fuel  <input type="checkbox"/> No fuel used</p> <p>b. Which fuel is used most for house heating?  <input checked="" type="checkbox"/> From underground pipes serving the neighborhood.  <input type="checkbox"/> Bottled, tank, or LP  <input type="checkbox"/> Electricity  <input type="checkbox"/> Fuel oil, kerosene, etc.</p> <p><input type="checkbox"/> Coal or coke  <input type="checkbox"/> Wood  <input type="checkbox"/> Other fuel  <input type="checkbox"/> 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="checkbox"/> 1969 or 1970  <input type="checkbox"/> 1965 to 1968  <input checked="" type="checkbox"/> 1960 to 1964  <input type="checkbox"/> 1950 to 1959  <input type="checkbox"/> 1940 to 1949  <input type="checkbox"/> 1939 or earlier</p>	<p><b>H25c.</b> Which fuel is used most for water heating?  <input checked="" type="checkbox"/> From underground pipes serving the neighborhood.  <input type="checkbox"/> Bottled, tank, or LP  <input type="checkbox"/> Electricity  <input type="checkbox"/> Fuel oil, kerosene, etc.</p> <p><input type="checkbox"/> Coal or coke  <input type="checkbox"/> Wood  <input type="checkbox"/> Other fuel  <input type="checkbox"/> 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.</p> <p><input type="checkbox"/> No bedroom  <input type="checkbox"/> 1 bedroom  <input checked="" type="checkbox"/> 2 bedrooms  <input type="checkbox"/> 3 bedrooms  <input type="checkbox"/> 4 bedrooms  <input type="checkbox"/> 5 bedrooms or more</p>
<p><b>H16.</b> Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="checkbox"/> A one-family house detached from any other house  <input type="checkbox"/> A one-family house attached to one or more houses  <input type="checkbox"/> A building for 2 families  <input type="checkbox"/> A building for 3 or 4 families  <input type="checkbox"/> A building for 5 to 9 families  <input checked="" type="checkbox"/> A building for 10 to 19 families  <input type="checkbox"/> A building for 20 to 49 families  <input type="checkbox"/> A building for 50 or more families  <input type="checkbox"/> A mobile home or trailer      Other— Describe _____</p>	<p><b>H27a.</b> Do you have a clothes washing machine?  <input type="checkbox"/> Yes, automatic or semi-automatic  <input type="checkbox"/> Yes, wringer or separate spinner  <input type="checkbox"/> No</p> <p>b. Do you have a clothes dryer?  <input type="checkbox"/> Yes, electrically heated  <input type="checkbox"/> Yes, gas heated  <input checked="" type="checkbox"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)?  <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator?  <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p><b>H17.</b> Is this building—</p> <p><input type="checkbox"/> On a city or suburban lot?— Skip to H24  <input type="checkbox"/> On a place of less than 10 acres?  <input type="checkbox"/> 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="checkbox"/> Yes, one set  <input type="checkbox"/> Yes, two or more sets  <input type="checkbox"/> No</p> <p>b. If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?  <input type="checkbox"/> Yes <input type="checkbox"/> 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="checkbox"/> Less than \$50 (or None)  <input type="checkbox"/> \$50 to \$249  <input checked="" type="checkbox"/> \$250 to \$2,499  <input type="checkbox"/> \$2,500 to \$4,999  <input type="checkbox"/> \$5,000 to \$9,999  <input type="checkbox"/> \$10,000 or more</p>	<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="checkbox"/> Yes, one or more <input type="checkbox"/> 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="checkbox"/> Yes <input type="checkbox"/> 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
<b>VACANCY CHARACTERISTICS</b>			
Vacant for sale . . . . .	20	Clothes dryer . . . . .	5
Vacant for rent . . . . .	20	Dishwasher . . . . .	5
Duration of vacancy . . . . .	20	Home food freezer . . . . .	5
<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
<b>PLUMBING CHARACTERISTICS</b>		Inclusion of utilities	
Plumbing facilities . . . . .	20	in rent . . . . .	20
Complete bathrooms . . . . .	15	Value-income ratio . . . . .	20
<b>STRUCTURAL CHARACTERISTICS</b>		Gross rent as percentage	
Complete kitchen facilities . . . . .	20	of income . . . . .	20
Access . . . . .	20	<b>HOUSEHOLD CHARACTERISTICS</b>	
Units in structure . . . . .	20	Household composition . . . . .	20
Mobile home or trailer . . . . .	20	Income . . . . .	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
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*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.

**Volumes II.**

**SUBJECT REPORTS**

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

**Joint Population-Housing Reports**

Series PHC(1).

**CENSUS TRACT REPORTS**

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

Series PHC(2).

**GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970**

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

Series PHC(3).

**EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS**

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

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

**Additional Reports**

Series PHC(E).

**EVALUATION REPORTS**

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

Series PHC(R).

**PROCEDURAL REPORTS**

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

**Computer Summary Tapes**

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

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

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

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

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

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

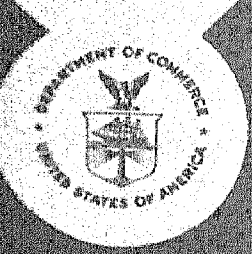
**Sixth Count**—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

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

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

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

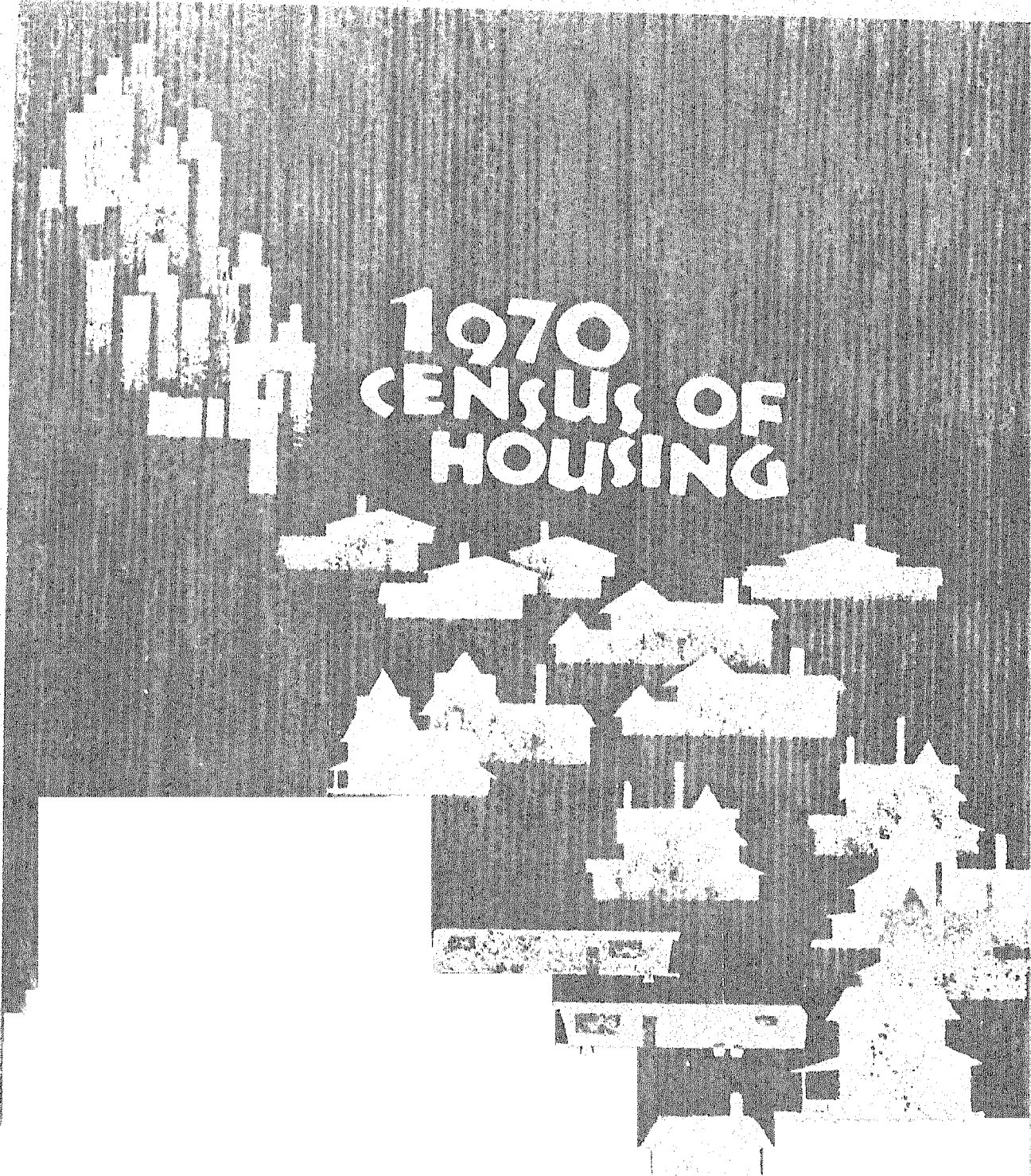
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# Metropolitan Housing Characteristics

TALLAHASSEE, FLA.  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-217



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



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**1970  
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HOUSING**

Metropolitan  
Housing  
Characteristics

**TALLAHASSEE, FLA.  
STANDARD METROPOLITAN  
STATISTICAL AREA**

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Report number	Area	Report number	Area	Report number	Area
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131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
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This guide lists all subjects covered in this report. An asterisk (\*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
<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."



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**METROPOLITAN HOUSING CHARACTERISTICS**

**Tallahassee, Fla.**  
**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 217.]

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**MAP**

Counties, Standard Metropolitan  
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XI

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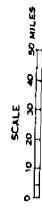
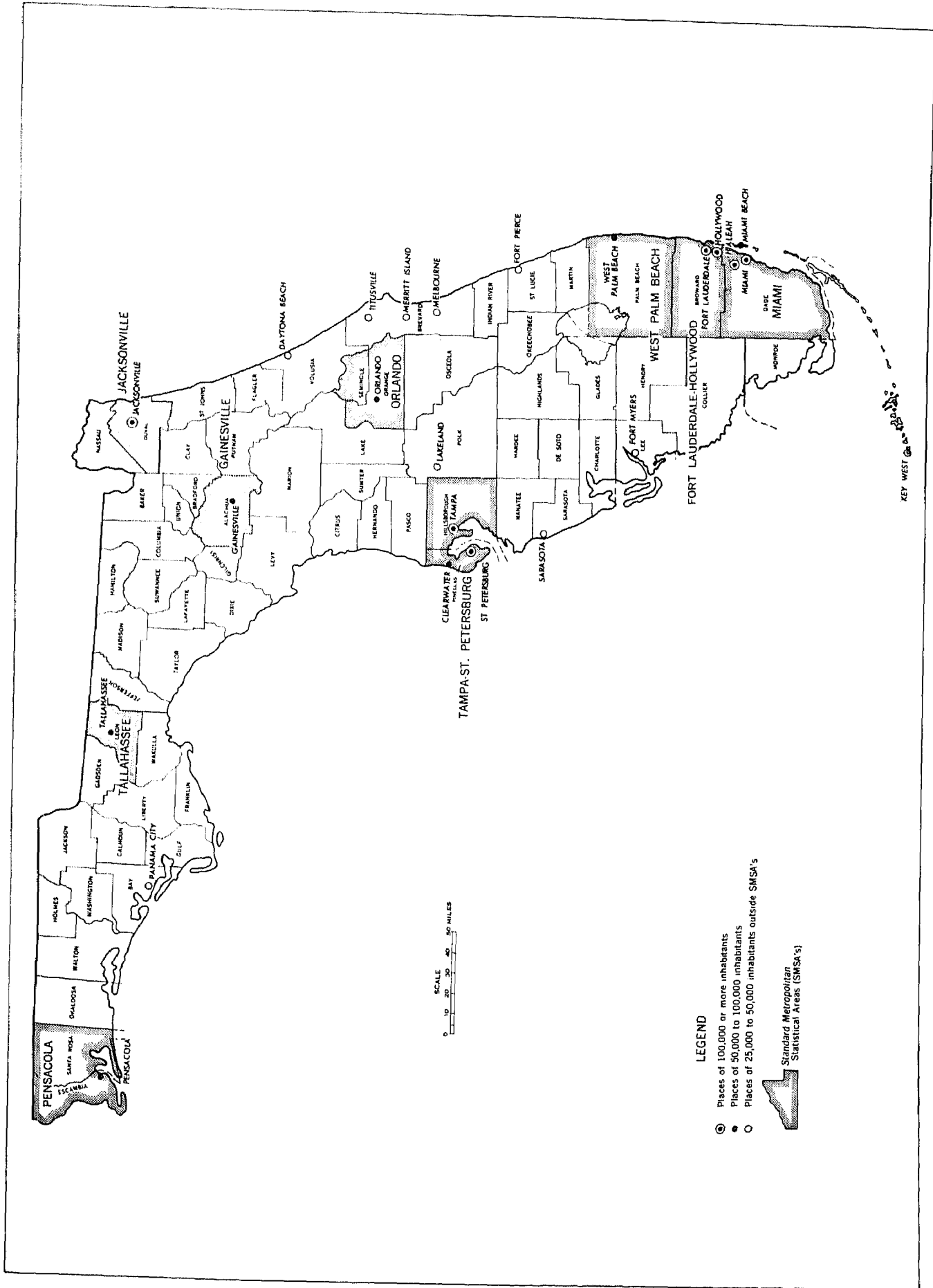
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# Counties, Standard Metropolitan Statistical Areas, and Selected Places



### LEGEND

- Places of 100,000 or more inhabitants
- Places of 50,000 to 100,000 inhabitants
- Places of 25,000 to 50,000 inhabitants outside SMSA's
- ▨ Standard Metropolitan Statistical Areas (SMSA's)

**NOTE**

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

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

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

The SMSA

	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>14 839</b>	<b>752</b>	<b>1 151</b>	<b>1 406</b>	<b>1 712</b>	<b>1 732</b>	<b>2 686</b>	<b>1 935</b>	<b>2 059</b>	<b>1 028</b>	<b>378</b>	<b>16 100</b>
<b>ROOMS</b>												
1 and 2 rooms	117	42	21	6	12	13	18	5	—	—	—	7 000
3 rooms	369	105	87	29	65	11	33	17	16	6	—	7 300
4 rooms	1 196	215	250	275	150	94	137	33	36	—	6	8 700
5 rooms	4 113	207	343	640	777	660	879	314	218	37	38	12 800
6 rooms	4 412	110	280	326	503	710	1 024	765	505	162	27	16 200
7 rooms	2 451	63	98	92	136	184	483	541	593	264	27	21 800
8 rooms or more	2 181	10	72	38	69	60	142	260	691	559	280	31 400
Median	5.9	4.6	5.1	5.1	5.3	5.6	5.8	6.3	6.9	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	1 599	182	223	196	138	198	293	111	145	72	41	13 300
2 persons	3 993	247	235	416	513	473	745	564	523	212	65	15 600
3 persons	2 717	108	158	240	335	377	530	357	327	199	86	16 100
4 persons	2 993	63	173	274	280	395	582	485	439	219	83	17 800
5 persons	1 896	40	113	131	237	198	327	260	405	129	58	18 200
6 persons or more	1 639	112	249	149	209	91	249	158	220	197	45	15 200
Median	3.2	2.3	3.2	2.9	3.1	3.0	3.1	3.3	3.6	3.6	3.5	...
Units with roomers, boarders, or lodgers	285	4	40	51	35	34	44	16	38	14	9	13 400
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>13 928</b>	<b>333</b>	<b>933</b>	<b>1 309</b>	<b>1 643</b>	<b>1 702</b>	<b>2 641</b>	<b>1 919</b>	<b>2 046</b>	<b>1 028</b>	<b>374</b>	<b>16 700</b>
0.50 or less	7 472	200	431	670	759	888	1 378	1 020	1 191	655	280	17 400
0.51 to 1.00	5 797	96	345	525	739	791	1 153	855	825	373	94	16 500
1.01 to 1.50	475	32	112	68	96	15	95	39	18	—	—	10 700
1.51 or more	184	5	45	4	5	8	15	5	11	—	—	9 800
<b>Lacking some or all plumbing facilities</b>	<b>911</b>	<b>419</b>	<b>218</b>	<b>97</b>	<b>69</b>	<b>30</b>	<b>45</b>	<b>16</b>	<b>13</b>	<b>—</b>	<b>—</b>	<b>5 400</b>
0.50 or less	430	213	78	42	41	15	19	10	8	—	4	5 100
0.51 to 1.00	325	139	103	21	16	15	26	—	5	—	—	5 600
1.01 to 1.50	94	40	21	23	4	—	—	—	6	—	—	...
1.51 or more	62	27	16	11	8	—	—	—	—	—	—	...
<b>BEDROOMS</b>												
None and 1	430	205	62	70	22	19	—	52	—	—	—	5 400
2	2 988	393	415	463	539	347	372	171	251	37	—	11 000
3	8 554	194	351	871	1 124	1 419	1 637	1 506	1 077	309	66	15 800
4 or more	2 871	63	232	147	87	99	255	431	597	698	262	27 000
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	651	—	17	26	31	23	92	148	170	101	43	24 600
1965 to 1968	2 262	41	56	96	104	115	444	377	592	331	106	23 600
1960 to 1964	3 262	88	131	361	373	403	643	491	465	234	73	16 700
1950 to 1959	4 814	173	405	513	666	722	938	624	494	206	73	14 800
1940 to 1949	2 175	217	308	216	360	356	299	171	164	64	20	12 400
1939 or earlier	1 675	233	234	194	178	113	270	124	174	92	63	12 500
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	8 094	338	828	1 200	1 542	1 530	1 751	501	263	101	40	12 700
2 and 2 1/2	5 070	13	57	63	110	127	1 001	1 301	1 647	638	113	24 500
3 or more	817	—	8	—	—	16	13	31	223	297	229	40 900
None or also used by another household	913	365	277	99	62	30	40	15	19	—	6	5 800
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>13 240</b>	<b>570</b>	<b>928</b>	<b>1 210</b>	<b>1 574</b>	<b>1 534</b>	<b>2 393</b>	<b>1 824</b>	<b>1 914</b>	<b>956</b>	<b>337</b>	<b>16 500</b>
Male head, wife present, no nonrelatives	11 286	359	653	943	1 337	1 333	2 092	1 664	1 755	847	303	17 300
Under 25 years	313	21	20	57	60	49	63	37	6	—	—	12 400
25 to 34 years	2 305	39	94	218	302	354	445	392	366	80	15	16 500
35 to 44 years	2 655	60	117	176	256	290	462	376	501	326	91	19 600
45 to 64 years	4 864	159	318	392	582	492	924	697	743	385	172	17 400
65 years and over	1 149	80	104	100	137	148	198	162	139	56	25	15 100
Other male head	395	66	35	68	29	45	68	31	20	23	10	12 500
Under 65 years	313	57	22	55	18	45	54	26	11	15	10	12 800
65 years and over	82	9	13	13	—	—	14	5	9	—	—	...
Female head	1 559	145	240	199	208	156	233	129	139	86	24	12 300
Under 65 years	1 187	81	196	163	138	150	187	94	109	60	9	12 800
65 years and over	372	64	44	36	70	6	46	35	30	26	15	11 500
<b>One-person households</b>	<b>1 599</b>	<b>182</b>	<b>223</b>	<b>196</b>	<b>138</b>	<b>198</b>	<b>293</b>	<b>111</b>	<b>145</b>	<b>72</b>	<b>41</b>	<b>13 300</b>
Under 65 years	891	77	126	101	94	134	152	91	69	40	7	13 400
65 years and over	708	105	97	95	44	64	141	20	76	32	34	13 000
<b>INCOME IN 1969</b>												
less than \$2,000	1 248	281	220	198	132	110	132	55	62	42	16	9 100
\$2,000 to \$2,999	498	98	74	60	85	44	67	34	22	9	5	10 500
\$3,000 to \$3,999	679	129	145	106	87	87	77	19	11	—	18	9 000
\$4,000 to \$4,999	615	58	104	96	103	82	56	104	23	—	9	11 200
\$5,000 to \$5,999	794	44	116	120	148	89	148	59	40	30	—	12 000
\$6,000 to \$6,999	713	22	99	106	147	114	141	49	27	8	—	12 200
\$7,000 to \$9,999	2 535	79	243	362	362	361	525	326	181	60	36	14 000
\$10,000 to \$14,999	3 796	41	88	278	500	620	909	607	554	178	21	17 000
\$15,000 to \$24,999	2 853	—	57	74	140	197	518	611	852	341	63	23 600
\$25,000 or more	1 108	—	5	6	8	28	85	119	287	360	210	35 700
Median	\$10 400	\$3 000	\$5 300	\$7 100	\$8 300	\$9 800	\$10 900	\$13 000	\$16 300	\$20 500	\$28 200	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 968	38	58	116	206	259	327	329	402	159	74	19 700
1968	1 388	13	86	130	92	111	351	159	310	87	49	18 600
1967	972	27	74	67	109	92	126	126	161	164	26	19 500
1965 and 1966	1 774	57	95	171	169	166	369	295	299	130	23	17 500
1960 to 1964	3 130	131	190	313	456	360	577	380	433	208	82	15 900
1950 to 1959	3 930	257	428	354	479	488	756	450	413	223	82	14 800
1949 or earlier	1 732	193	239	211	203	227	299	109	134	65	52	12 700
<b>HEATING EQUIPMENT</b>												
Steam or hot water	73	—	6	—	—	4	10	5	14	17	17	...
Warm-air furnace	6 867	28	91	113	317	420	1 308	1 489	1 859	919	323	23 900
Built-in electric units	382	—	19	35	52	87	104	36	26	23	—	14 900
Floor, wall, or pipeless furnace	1 792	12	60	202	333	417	507	195	37	24	5	14 200
Other means	5 711	708	971	1 050	1 010	804	757	210	123	45	33	10 300
None	14	4	—	6	—	—	—	—	—	—	—	...
<b>AIR CONDITIONING</b>												
Room unit(s)	5 379	76	312	499	855	1 027	1 510	546	403	105	46	14 800
Central system	4 825	12	40	6	174	175	734	1 066	1 583	772	283	26 300
None	4 690	628	818	857	685	501	561	236	186	159	59	10 200

<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>	<b>12 023</b>	<b>832</b>	<b>422</b>	<b>574</b>	<b>754</b>	<b>1 951</b>	<b>1 723</b>	<b>2 274</b>	<b>1 918</b>	<b>954</b>	<b>32</b>	<b>587</b>	<b>114</b>
<b>ROOMS</b>													
1 room	404	95	27	52	23	10	122	38	4	5	5	23	77
2 rooms	1 261	142	69	66	99	353	147	236	103	14	—	32	90
3 rooms	3 190	281	151	203	259	603	325	646	584	65	—	73	104
4 rooms	3 648	180	104	142	210	566	693	705	553	325	5	145	116
5 rooms	2 139	111	53	55	115	273	293	424	381	305	18	111	128
6 rooms	1 044	23	14	56	42	131	129	168	223	158	—	100	134
7 rooms	244	—	4	—	6	15	9	51	55	53	—	51	160
8 rooms or more	93	—	—	—	—	—	5	6	15	31	4	32	—
Median	3.8	3.1	3.3	3.3	3.5	3.5	3.9	3.8	4.0	4.7	—	4.5	—
<b>PERSONS</b>													
1 person	2 928	352	129	150	223	508	377	458	431	114	10	176	101
2 persons	4 235	182	126	136	207	731	635	1 047	745	264	5	157	121
3 persons	2 231	111	59	115	110	333	408	403	353	253	8	78	117
4 persons	1 294	59	51	58	98	160	153	197	248	206	—	64	125
5 persons	647	59	22	27	45	80	85	108	80	81	5	55	115
6 persons or more	688	69	35	88	71	139	65	61	61	38	4	57	87
Median	2.2	1.9	2.2	2.5	2.2	2.1	2.3	2.1	2.2	2.9	—	2.2	—
Units with roomers, boarders, or lodgers	818	18	27	27	25	67	108	266	174	90	—	16	135
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>													
0.50 or less	4 604	129	105	101	284	746	652	998	914	419	10	447	122
0.51 to 1.00	5 153	122	69	155	259	914	850	1 157	938	509	22	246	125
1.01 to 1.50	504	28	17	24	67	96	96	66	54	23	—	158	123
1.51 or more	227	11	6	33	16	46	57	38	10	—	—	33	101
Median	1.1	—	—	—	—	—	—	—	—	—	—	10	98
<b>Lacking some or all plumbing facilities</b>													
0.50 or less	1 535	542	225	261	128	149	68	15	2	5	—	140	57
0.51 to 1.00	524	224	67	59	27	48	24	—	—	—	—	75	50
1.01 to 1.50	593	201	106	124	39	32	25	10	2	5	—	49	57
1.51 or more	224	56	28	42	23	45	14	—	—	—	—	16	65
Median	1.94	61	24	36	39	24	5	—	—	—	—	—	63
<b>BEDROOMS</b>													
None	386	25	45	64	—	19	110	60	—	21	—	42	—
1	4 140	212	164	199	446	965	378	944	716	—	—	116	101
2	5 499	305	148	280	373	911	838	1 125	800	527	22	170	115
3 or more	1 913	68	65	58	58	232	224	230	400	269	22	287	134
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	776	70	32	10	5	13	7	103	322	182	5	27	171
1965 to 1968	2 583	71	25	48	44	117	351	629	740	441	10	107	148
1960 to 1964	1 760	19	25	64	108	321	334	485	218	96	9	81	118
1950 to 1959	2 673	143	57	97	205	594	505	514	339	104	8	107	107
1940 to 1949	2 159	161	130	153	222	458	328	342	198	74	—	93	95
1939 or earlier	2 072	368	153	202	170	448	198	201	101	59	—	172	82
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	82	—	—	—	—	19	—	42	—	—	—	21	—
With elevator	40	—	—	—	—	19	—	—	—	—	—	21	—
Walk-up	42	—	—	—	—	—	—	42	—	—	—	—	—
1 to 3 floors	11 856	610	422	601	877	2 108	1 550	2 317	1 916	817	44	594	113
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	9 684	277	166	283	547	1 716	1 694	2 185	1 832	658	5	321	120
2 or more	596	11	—	—	7	12	6	39	103	319	22	77	226
None or also used by another household	1 786	630	262	310	130	141	103	37	5	7	—	161	57
<b>INCOME IN 1969</b>													
Less than \$2,000	3 152	396	192	204	170	388	389	589	418	190	5	211	106
\$2,000 to \$2,999	1 038	168	58	35	97	197	122	164	138	26	5	28	94
\$3,000 to \$3,999	1 215	106	55	78	104	319	176	196	74	42	—	65	94
\$4,000 to \$4,999	1 083	45	30	110	104	250	195	157	93	58	5	36	99
\$5,000 to \$5,999	995	35	39	58	81	193	171	228	131	31	—	28	109
\$6,000 to \$6,999	895	43	—	30	70	188	181	137	147	49	—	50	110
\$7,000 to \$9,999	1 657	25	34	37	76	275	276	419	338	99	—	78	125
\$10,000 to \$14,999	1 255	14	10	4	47	116	162	289	380	181	—	52	146
\$15,000 to \$24,999	567	—	—	7	5	25	46	80	160	221	5	18	185
\$25,000 or more	166	—	4	11	—	—	5	15	39	59	12	21	198
Median	\$4 600	\$2 100	\$2 300	\$3 600	\$4 100	\$4 300	\$4 900	\$5 100	\$6 700	\$9 500	—	\$3 800	—
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	7 322	328	194	168	318	932	1 128	1 680	1 545	822	22	185	129
1968	1 580	97	32	99	78	337	232	331	230	116	5	23	112
1967	609	64	31	36	42	148	113	68	53	40	—	14	97
1965 and 1966	782	87	24	85	98	110	151	108	63	6	—	50	92
1960 to 1964	910	141	92	75	85	177	114	63	32	—	—	131	80
1950 to 1959	545	80	29	90	44	140	59	11	9	—	—	83	77
1949 or earlier	318	121	26	40	19	25	6	—	8	—	—	73	51
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	593	118	48	38	60	118	56	62	50	31	12	—	85
10 to 14 percent	1 365	100	54	96	121	237	219	222	195	121	—	—	107
15 to 19 percent	1 774	138	35	130	138	338	246	312	309	128	—	—	149
20 to 24 percent	1 452	85	59	56	85	238	247	262	261	159	—	—	116
25 to 34 percent	1 691	115	34	45	115	394	275	362	241	105	5	—	110
35 percent or more	4 214	257	166	184	221	584	648	987	783	374	10	—	121
Not computed	934	19	26	25	14	42	32	67	79	38	5	587	127
<b>AIR CONDITIONING</b>													
Room unit(s)	4 259	41	31	27	107	731	1 021	1 226	723	218	—	134	123
Central system	2 393	19	9	7	17	5	38	457	1 010	710	27	94	180
None	5 414	858	388	559	560	1 133	744	578	207	56	—	331	83

<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>18 614</b>	<b>1 656</b>	<b>651</b>	<b>944</b>	<b>944</b>	<b>1 065</b>	<b>1 067</b>	<b>3 356</b>	<b>4 564</b>	<b>3 116</b>	<b>1 251</b>	<b>9 700</b>
<b>ROOMS</b>												
1 and 2 rooms	249	87	28	28	18	9	12	17	34	16	-	3 300
3 rooms	834	179	58	85	108	88	65	129	95	17	10	4 900
4 rooms	2 532	371	154	278	185	175	230	534	426	144	35	6 400
5 rooms	5 133	469	239	265	289	386	390	1 172	1 333	505	94	8 400
6 rooms	4 837	356	52	179	225	283	267	900	1 500	883	192	10 500
7 rooms or more	5 029	194	120	109	128	124	103	604	1 176	1 551	920	14 800
<b>PERSONS</b>												
1 person	2 161	782	174	272	153	211	97	255	143	69	5	3 500
2 persons	5 288	546	236	371	365	336	333	916	1 224	647	314	8 500
3 and 4 persons	7 146	213	158	194	256	356	394	1 525	2 132	1 388	530	11 100
5 persons	2 116	67	26	25	60	84	141	354	606	575	178	12 500
6 persons or more	1 903	48	57	82	110	78	102	306	459	437	224	11 800
Units with roomers, boarders, or lodgers	383	96	43	39	48	20	20	59	32	22	4	4 300
<b>BEDROOMS</b>												
Less than 3	5 918	999	391	528	399	399	453	1 158	1 031	485	81	6 500
3	9 500	661	183	405	349	523	554	1 813	2 697	1 798	517	10 500
4 or more	3 194	185	80	40	105	83	104	313	689	885	710	15 000
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	1 419	66	51	68	117	110	106	325	283	208	85	8 800
1960 to 1968	7 370	347	144	298	245	341	460	1 436	2 077	1 452	570	11 000
1950 to 1959	5 334	372	232	215	252	310	307	937	1 383	948	378	10 200
1949 or earlier	4 491	871	224	363	330	304	194	658	821	508	218	6 800
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 229	168	168	150	191	160	246	663	882	456	145	9 400
1968	1 999	91	29	81	59	115	124	507	522	341	130	10 000
1960 to 1967	6 947	420	153	365	245	335	447	1 217	1 927	1 293	545	10 800
1959 or earlier	6 448	898	310	347	473	443	242	969	1 327	1 023	416	8 600
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	13 672	563	340	337	507	643	796	2 656	3 882	2 767	1 181	11 300
Clothes dryer	7 240	193	106	121	122	146	269	1 209	2 145	1 899	1 030	13 400
Dishwasher	5 632	207	33	62	166	42	127	682	1 640	1 571	1 102	14 600
Home food freezer	6 884	215	99	199	153	409	344	1 244	1 976	1 482	763	12 000
Owned second home	1 449	168	45	14	60	46	54	211	357	357	342	11 800
With air conditioning	12 542	469	245	358	493	573	648	2 164	3 756	2 700	1 136	11 800
Room unit(s)	6 912	327	185	308	364	457	489	1 459	2 155	953	216	9 700
Central system	5 630	142	60	50	129	116	159	706	1 601	1 747	920	14 500
Automobiles available:												
1	7 266	737	396	530	613	714	631	1 469	1 441	618	117	7 000
2	8 397	130	85	186	259	240	348	1 630	2 817	1 886	816	12 300
3 or more	1 686	64	38	21	5	28	53	206	379	595	297	15 800
<b>Renter occupied housing units</b>	<b>12 408</b>	<b>3 194</b>	<b>1 085</b>	<b>1 283</b>	<b>1 110</b>	<b>1 037</b>	<b>911</b>	<b>1 701</b>	<b>1 296</b>	<b>619</b>	<b>172</b>	<b>4 600</b>
<b>ROOMS</b>												
1 room	404	204	61	43	17	27	16	15	10	5	6	2 000
2 rooms	1 282	395	179	174	90	81	89	148	95	31	-	3 400
3 rooms	3 246	1 046	318	403	383	284	210	284	203	104	11	3 600
4 rooms	3 738	858	284	415	313	365	309	590	418	155	31	5 000
5 rooms	2 249	468	149	141	190	182	198	395	295	166	65	6 000
6 rooms or more	1 489	223	94	107	117	98	89	269	275	158	59	7 200
<b>PERSONS</b>												
1 person	2 965	1 181	301	294	304	214	157	205	214	78	17	3 000
2 persons	4 358	1 189	412	462	333	380	275	625	412	200	70	4 300
3 and 4 persons	3 627	663	244	313	330	326	363	621	497	212	58	5 800
5 persons	675	62	52	75	63	40	56	152	88	82	5	6 800
6 persons or more	783	99	76	139	80	77	60	98	85	47	22	5 000
Units with roomers, boarders, or lodgers	830	469	119	92	41	19	39	21	25	-	5	2000-
<b>BEDROOMS</b>												
None	386	283	60	22	-	-	21	-	-	-	-	-
1	4 202	1 398	478	570	435	343	230	320	352	76	-	3 400
2	5 578	1 311	479	637	584	379	407	965	517	193	106	4 600
3 or more	2 244	351	219	223	80	214	164	346	350	177	120	6 200
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	776	160	52	54	58	46	62	104	121	94	25	6 300
1960 to 1968	4 424	1 099	385	370	361	348	306	677	559	271	48	5 000
1950 to 1959	2 736	534	185	325	265	284	248	456	281	118	40	5 200
1949 or earlier	4 472	1 401	463	534	426	359	295	464	335	136	59	3 700
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	7 406	1 945	662	625	659	654	516	1 030	853	416	46	4 700
1968	1 608	217	123	187	151	147	181	284	177	124	17	5 900
1960 to 1967	2 431	581	189	322	178	215	248	334	215	88	61	4 700
1959 or earlier	954	374	66	97	127	49	49	72	65	35	20	3 400
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
<i>Specified renter occupied<sup>1</sup></i>												
Less than 15 percent	12 023	3 152	1 038	1 215	1 083	995	895	1 657	1 255	567	166	4 600
15 to 19 percent	1 958	6	16	34	60	119	136	438	593	411	145	11 400
20 to 24 percent	1 774	6	60	99	165	188	243	516	392	105	-	7 700
25 to 34 percent	1 452	17	92	128	182	202	183	429	191	28	-	6 600
35 percent or more	1 691	91	120	367	379	338	184	180	27	5	-	4 700
Not computed	4 214	2 474	722	522	261	120	99	16	-	-	-	2000-
	934	558	28	65	36	28	50	78	52	18	21	2000-
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	2 689	346	162	165	146	327	193	693	417	121	119	7 000
Clothes dryer	1 147	198	43	43	84	89	88	211	208	85	98	7 400
Dishwasher	1 715	420	86	155	88	44	57	179	357	182	147	7 100
Home food freezer	1 217	156	118	238	38	121	102	192	176	18	58	5 500
Owned second home	670	143	101	123	-	46	23	92	60	46	36	3 700
With air conditioning	6 750	1 398	397	518	463	585	622	1 107	966	591	103	6 000
Room unit(s)	4 341	923	235	400	334	422	431	720	546	276	54	5 700
Central system	2 409	475	162	118	129	163	191	387	420	315	49	6 800
Automobiles available:												
1	6 590	1 218	492	719	671	679	717	1 175	659	245	15	5 300
2	2 725	442	177	134	172	217	192	440	540	328	83	7 200
3 or more	495	131	47	43	54	-	15	18	71	77	39	4 500

<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	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>	18 614	17 495	9 232	7 336	694	233	1 119	535	388	121	75
<b>PERSONS</b>											
1 person	2 161	1 917	1 913	4	-	-	244	232	12	-	-
2 persons	5 288	4 975	4 668	297	-	10	313	252	61	-	-
3 persons	3 617	3 492	1 886	1 578	24	4	125	42	83	-	-
4 persons	3 529	3 428	589	2 764	60	15	101	5	85	11	-
5 persons	2 116	2 039	176	1 707	111	45	77	4	54	11	8
6 persons or more	1 903	1 644	-	986	499	159	259	-	93	99	67
Median	3.0	3.0	2.1	4.1	6.1	7.4	2.5	1.6	3.9	6.4	...
Units with roomers, boarders, or lodgers	383	355	171	159	20	5	28	14	14	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	1 335	1 335	651	635	49	-	-	-	-	-	-
1965 to 1968	3 597	3 532	1 585	1 770	111	66	65	30	28	7	-
1960 to 1964	3 799	3 674	1 624	1 798	174	78	125	17	51	37	20
1950 to 1959	5 442	5 131	2 700	2 130	241	60	311	120	157	26	8
1940 to 1949	2 286	2 015	1 416	506	79	14	271	168	43	45	15
1939 or earlier	2 164	1 881	1 317	482	56	26	283	130	107	33	13
<b>INCOME IN 1969</b>											
Less than \$2,000	1 656	1 235	1 008	194	28	5	421	303	100	14	4
\$2,000 to \$2,999	651	528	339	154	25	10	123	74	44	-	5
\$3,000 to \$3,999	944	806	582	178	16	30	138	59	47	19	13
\$4,000 to \$4,999	944	829	537	236	42	14	115	33	41	20	21
\$5,000 to \$5,999	1 065	1 009	600	331	38	40	56	4	47	-	5
\$6,000 to \$6,999	1 067	991	464	434	63	30	76	19	39	12	6
\$7,000 to \$9,999	3 356	3 228	1 458	1 586	145	39	128	20	54	44	10
\$10,000 to \$14,999	4 564	4 532	2 045	2 250	186	51	32	10	16	6	-
\$15,000 to \$24,999	3 116	3 095	1 473	1 470	138	14	21	9	-	6	6
\$25,000 or more	1 251	1 242	726	503	13	-	9	4	-	-	5
Median	\$9 700	\$10 100	\$9 200	\$11 200	\$9 800	\$6 600	\$3 100	\$2000-	\$4 100	\$6 600	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	14 839	13 928	7 472	5 797	475	184	911	430	325	94	62
Less than 1.5	6 339	5 987	2 597	2 978	308	104	352	74	155	74	49
1.5 to 1.9	2 837	2 729	1 404	1 222	87	16	108	56	42	5	5
2.0 to 2.4	1 787	1 727	927	735	20	45	60	43	17	-	-
2.5 to 2.9	947	908	528	331	34	15	39	19	14	6	-
3.0 to 3.9	1 022	911	674	228	9	-	111	67	31	5	8
4.0 or more	1 740	1 530	1 226	283	17	4	210	145	61	4	-
Not computed	167	136	116	20	-	-	31	26	5	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	78	78	45	17	11	5	-	-	-	-	-
Warm-air furnace	9 459	9 401	5 023	4 069	275	34	58	44	14	-	-
Built-in electric units	488	472	220	220	13	19	16	12	4	-	-
Floor, wall, or pipeless furnace	1 927	1 873	1 000	780	68	25	54	22	15	12	5
Other means	6 629	5 666	2 939	2 250	327	150	963	439	351	109	64
None	33	5	5	-	-	-	28	18	4	-	6
<b>Renter occupied housing units</b>	12 408	10 787	4 750	5 237	549	251	1 621	545	609	267	200
<b>PERSONS</b>											
1 person	2 965	2 474	2 285	189	-	-	491	388	103	-	-
2 persons	4 358	4 039	2 124	1 841	-	74	319	129	175	-	15
3 persons	2 284	2 029	299	1 659	66	5	255	28	191	27	9
4 persons	1 343	1 170	39	1 005	106	20	173	-	102	48	23
5 persons	675	596	3	437	131	25	79	-	24	37	18
6 persons or more	783	479	-	106	246	127	304	-	14	155	135
Median	2.2	2.2	1.5	2.9	5.3	5.5	2.5	1.2	2.6	5.8	6.6
Units with roomers, boarders, or lodgers	830	768	265	464	26	13	62	20	29	-	13
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	766	766	367	337	49	13	-	-	-	-	-
1965 to 1968	2 533	2 490	966	1 404	70	50	43	27	11	-	-
1960 to 1964	1 826	1 784	664	965	113	42	42	15	27	-	5
1950 to 1959	2 800	2 483	1 098	1 217	111	57	317	90	110	-	-
1940 to 1949	2 242	1 757	885	745	83	44	485	171	198	65	52
1939 or earlier	2 232	1 396	773	493	94	36	836	253	349	126	38
<b>INCOME IN 1969</b>											
Less than \$2,000	3 194	2 481	1 294	1 049	56	82	713	357	259	54	43
\$2,000 to \$2,999	1 085	859	384	387	65	25	226	67	91	41	27
\$3,000 to \$3,999	1 283	1 037	439	464	75	59	246	52	86	57	51
\$4,000 to \$4,999	1 110	981	481	430	60	10	129	13	51	25	40
\$5,000 to \$5,999	1 037	950	406	445	69	30	87	16	37	34	-
\$6,000 to \$6,999	911	840	258	524	37	21	71	25	24	5	17
\$7,000 to \$9,999	1 701	1 596	619	880	76	21	105	15	38	40	12
\$10,000 to \$14,999	1 296	1 263	535	655	68	5	33	-	18	5	10
\$15,000 to \$24,999	619	619	246	337	36	-	-	-	-	-	-
\$25,000 or more	172	161	88	66	7	-	11	-	5	6	-
Median	\$4 600	\$5 000	\$4 500	\$5 600	\$5 300	\$3 300	\$2 400	\$2000-	\$2 500	\$3 700	\$3 600
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	12 023	10 488	4 604	5 153	504	227	1 535	524	593	224	194
Less than 10 percent	593	467	166	258	43	-	126	29	58	16	23
10 to 14 percent	1 365	1 219	439	658	80	42	146	20	73	40	13
15 to 19 percent	1 774	1 528	595	849	79	5	246	45	92	59	50
20 to 24 percent	1 452	1 314	533	719	46	16	138	17	61	19	41
25 to 34 percent	1 691	1 516	693	682	84	57	175	67	60	23	25
35 percent or more	4 214	3 684	1 751	1 711	125	97	590	257	184	51	38
Not computed	934	760	427	276	47	10	174	89	65	16	4
<b>HEATING EQUIPMENT</b>											
Steam or hot water	119	111	53	46	7	5	8	8	-	-	-
Warm-air furnace	3 142	3 072	1 427	1 504	100	41	70	14	52	-	4
Built-in electric units	1 392	1 395	613	697	25	50	7	-	7	-	-
Floor, wall, or pipeless furnace	1 096	1 064	476	558	25	5	32	9	8	-	15
Other means	6 552	5 115	2 176	2 410	393	146	1 437	502	504	257	174
None	107	40	5	22	9	-	67	12	38	10	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 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>	18 614	30	219	834	2 532	5 133	4 837	2 648	2 381	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	17 440	12	160	673	2 226	4 843	4 637	2 560	2 329	5.7
<b>PERSONS</b>										
1 person	2 161	16	97	225	541	586	435	153	108	4.8
2 persons	5 288	10	83	275	996	1 712	1 330	576	306	5.2
3 persons	3 617	4	24	157	539	965	997	552	379	5.6
4 persons	3 529	-	15	71	203	952	1 034	660	594	6.0
5 persons	2 116	-	-	53	122	572	549	364	456	6.1
6 persons or more	1 903	-	-	53	131	346	492	343	538	6.4
Median	3.0	...	1.7	2.2	2.2	2.8	3.2	3.6	4.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	17 495	18	175	681	2 265	4 840	4 627	2 568	2 321	5.7
0.50 or less	9 232	-	64	167	1 382	2 138	2 684	1 252	1 545	5.8
0.51 to 1.00	7 336	4	72	360	693	2 400	1 770	1 286	751	5.6
1.01 to 1.50	694	-	24	60	152	244	159	30	25	5.0
1.51 or more	233	14	15	94	38	58	14	-	-	3.4
<b>Lacking some or all plumbing facilities</b>	1 119	12	44	153	267	293	210	80	60	4.8
0.50 or less	535	-	33	58	155	160	78	29	22	4.6
0.51 to 1.00	388	12	11	72	49	89	96	32	27	5.1
1.01 to 1.50	121	-	-	11	37	30	27	11	5	4.9
1.51 or more	75	-	-	12	26	14	9	8	6	...
<b>BEDROOMS</b>										
None and 1	844	19	237	236	230	68	35	19	-	3.2
2	5 074	-	-	638	2 149	1 702	465	102	18	4.4
3	9 500	-	-	-	287	3 215	3 956	1 514	528	5.8
4 or more	3 194	-	-	-	-	49	431	1 041	1 673	7.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	1 419	-	24	87	309	442	233	145	179	5.2
1960 to 1968	7 370	5	53	368	1 127	1 888	1 769	1 057	1 103	5.6
1950 to 1959	5 334	9	89	199	569	1 577	1 565	777	549	5.6
1949 or earlier	4 491	16	53	180	527	1 226	1 270	669	550	5.7
<b>COMPLETE BATHROOMS</b>										
1 and 1/2	10 987	18	165	621	2 032	4 022	2 887	903	339	5.2
2 or more	6 493	-	11	52	194	826	1 750	1 662	1 998	6.7
None or also used by another household	1 143	16	52	145	267	305	222	66	70	4.8
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	14 839	21	96	369	1 196	4 113	4 412	2 451	2 181	5.9
less than 1.5	6 339	5	39	170	484	1 917	1 914	1 053	757	5.8
1.5 to 1.9	2 837	4	5	17	179	742	866	488	536	6.0
2.0 to 2.9	2 734	4	15	64	130	637	861	509	514	6.1
3.0 or more	2 762	8	32	92	389	767	732	387	355	5.6
Not computed	167	-	5	26	14	50	39	14	19	5.3
<b>Renter occupied housing units</b>	12 408	404	1 282	3 246	3 738	2 249	1 121	264	104	3.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	10 432	192	1 041	2 580	3 301	1 990	949	275	104	3.9
<b>PERSONS</b>										
1 person	2 965	292	528	1 191	608	235	94	4	13	3.1
2 persons	4 358	89	601	1 415	1 327	698	181	42	5	3.6
3 persons	2 284	14	93	334	1 010	506	236	83	8	4.2
4 persons	1 343	9	34	154	453	379	239	36	39	4.6
5 persons	675	-	5	38	168	232	155	60	17	5.0
6 persons or more	783	-	21	114	172	199	216	39	22	4.9
Median	2.2	1.2	1.7	1.8	2.5	2.9	3.7	3.6	4.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	10 787	268	1 095	2 701	3 345	2 052	968	254	104	3.9
0.50 or less	4 750	-	412	1 020	1 822	833	466	129	68	4.0
0.51 to 1.00	5 237	189	576	1 512	1 515	1 068	430	111	36	3.8
1.01 to 1.50	549	-	66	106	170	121	72	14	-	4.1
1.51 or more	251	79	41	63	38	30	-	-	-	2.6
<b>Lacking some or all plumbing facilities</b>	1 621	136	187	545	393	197	153	10	-	3.4
0.50 or less	545	-	116	171	113	100	45	-	-	3.4
0.51 to 1.00	609	103	25	237	148	49	37	10	-	3.2
1.01 to 1.50	267	-	27	48	86	35	71	-	-	4.2
1.51 or more	200	33	19	89	46	13	-	-	-	3.0
<b>BEDROOMS</b>										
None	386	343	43	-	-	-	-	-	-	...
1	4 202	-	1 206	2 495	460	41	-	-	-	2.9
2	5 578	-	-	881	3 185	1 304	208	-	-	4.1
3 or more	2 244	-	-	-	203	891	864	160	126	5.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	776	8	89	238	232	179	30	-	-	3.7
1960 to 1968	4 424	183	611	1 217	1 463	642	236	53	19	3.6
1950 to 1959	2 736	40	245	691	818	537	330	65	10	4.0
1949 or earlier	4 472	173	337	1 100	1 225	891	525	146	75	4.0
<b>COMPLETE BATHROOMS</b>										
1 and 1/2	9 889	245	1 050	2 568	3 202	1 838	795	162	29	3.8
2 or more	659	-	9	32	106	170	154	113	75	5.6
None or also used by another household	1 851	177	227	631	426	247	130	13	-	3.3
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	12 023	404	1 261	3 190	3 648	2 139	1 044	244	93	3.8
less than 10 percent	593	26	71	147	148	125	68	4	4	3.9
10 to 14 percent	1 365	31	114	266	520	271	122	35	6	4.0
15 to 19 percent	1 774	33	203	436	511	372	181	34	4	3.9
20 to 24 percent	1 452	42	131	328	461	297	130	52	11	4.0
25 to 34 percent	1 691	30	142	507	538	293	148	20	13	3.8
35 percent or more	4 214	211	532	1 284	1 226	599	291	48	23	3.6
Not computed	934	31	68	222	244	182	104	51	32	4.1

<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
<b>All occupied housing units</b> .....	18 614	15 744	360	2 510	12 408	5 110	1 565	1 098	807	1 145	2 058	625
<b>ROOMS</b>												
1 room .....	30	21	5	4	404	36	24	44	74	39	187	-
2 rooms .....	219	105	17	97	1 282	259	175	163	168	209	295	13
3 rooms .....	834	399	29	406	3 246	930	464	366	171	351	806	158
4 rooms .....	2 532	1 286	95	1 151	3 738	1 262	645	370	285	349	503	324
5 rooms .....	5 133	4 301	92	740	2 249	1 288	216	150	98	172	212	113
6 rooms .....	4 837	4 690	58	89	1 121	991	38	5	7	25	38	17
7 rooms .....	2 648	2 583	46	19	264	254	-	4	4	-	6	-
8 rooms or more .....	2 381	2 359	18	4	104	90	3	-	-	-	11	-
Median .....	5.6	5.9	4.9	4.1	3.8	4.6	3.7	3.4	3.4	3.4	3.2	3.9
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> .....	17 495	14 688	351	2 456	10 787	3 968	1 295	1 091	709	1 106	2 002	616
0.50 or less .....	9 232	7 892	229	1 111	4 750	1 682	677	537	278	350	868	358
0.51 to 1.00 .....	7 336	6 099	83	1 154	5 237	1 871	518	475	395	674	1 052	252
1.01 to 1.50 .....	694	513	24	157	549	301	77	49	31	62	29	-
1.51 or more .....	233	184	15	34	251	114	23	30	5	20	53	6
<b>Lacking some or all plumbing facilities</b> .....	1 119	1 056	9	54	1 621	1 142	270	7	98	39	56	9
0.50 or less .....	535	501	5	29	545	364	115	-	19	25	13	-
0.51 to 1.00 .....	388	368	-	20	609	423	72	7	61	10	36	-
1.01 to 1.50 .....	121	121	-	-	267	227	31	-	5	-	4	-
1.51 or more .....	75	66	4	5	200	128	52	-	13	4	3	-
<b>BEDROOMS</b>												
None .....	19	19	-	-	386	45	18	63	47	42	146	25
1 .....	825	480	83	262	4 202	971	432	502	438	636	1 122	101
2 .....	5 074	3 176	162	1 736	5 578	2 112	940	520	322	548	627	509
3 .....	9 500	8 948	107	445	2 009	1 615	-	22	65	178	90	39
4 or more .....	3 194	3 148	23	23	235	235	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	1 419	669	16	734	776	47	14	67	43	220	340	45
1965 to 1968 .....	3 588	2 391	19	1 178	2 608	294	80	268	217	276	1 132	341
1960 to 1964 .....	3 782	3 365	64	353	1 816	560	206	130	168	277	329	146
1950 to 1959 .....	5 334	5 044	106	184	2 736	1 475	512	216	131	245	78	79
1940 to 1949 .....	2 445	2 335	99	11	2 258	1 381	390	234	116	58	79	-
1939 or earlier .....	2 046	1 940	56	50	2 214	1 353	363	183	132	69	100	14
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	1 656	1 375	47	234	3 194	1 236	405	266	230	314	621	122
\$2,000 to \$2,999 .....	651	540	23	88	1 085	400	162	77	70	143	178	55
\$3,000 to \$3,999 .....	944	727	49	168	1 283	579	172	107	107	137	131	50
\$4,000 to \$4,999 .....	944	690	23	231	1 110	472	155	94	62	95	171	61
\$5,000 to \$5,999 .....	1 065	845	9	211	1 037	420	143	130	78	90	122	54
\$6,000 to \$6,999 .....	1 067	752	22	293	911	396	136	90	70	79	90	50
\$7,000 to \$9,999 .....	3 356	2 636	46	674	1 701	704	191	161	110	128	272	135
\$10,000 to \$14,999 .....	4 564	3 997	59	508	1 296	569	147	86	56	112	251	75
\$15,000 to \$24,999 .....	3 116	2 955	74	87	619	253	26	69	24	37	187	23
\$25,000 or more .....	1 251	1 227	8	172	81	81	28	18	-	10	35	-
Median .....	\$9 700	\$10 400	\$7 500	\$7 100	\$4 600	\$4 700	\$4 300	\$5 000	\$4 000	\$3 800	\$4 600	\$5 500
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	3 229	2 024	44	1 161	7 406	2 190	796	763	557	876	1 746	478
1968 .....	1 999	1 418	27	554	1 608	717	224	131	151	110	201	74
1967 .....	1 318	999	27	292	616	332	102	83	28	12	39	20
1965 and 1966 .....	2 141	1 858	27	256	818	455	201	65	17	37	39	4
1960 to 1964 .....	3 488	3 257	45	186	997	651	189	26	40	26	42	23
1950 to 1959 .....	4 198	4 095	67	36	524	377	84	27	7	9	20	-
1949 or earlier .....	2 250	2 126	94	30	430	374	50	6	-	-	-	-
<b>GROSS RENT</b>												
<b>Specified renter occupied!</b> .....	...	...	...	...	12 023	4 725	1 565	1 098	807	1 145	2 058	625
Less than \$50 .....	...	...	...	...	832	435	130	14	39	146	55	13
\$50 to \$59 .....	...	...	...	...	422	187	70	39	36	60	21	9
\$60 to \$69 .....	...	...	...	...	574	298	121	59	26	35	31	4
\$70 to \$79 .....	...	...	...	...	754	370	169	71	41	52	25	26
\$80 to \$99 .....	...	...	...	...	1 951	826	295	266	160	285	66	53
\$100 to \$119 .....	...	...	...	...	1 723	623	256	195	218	136	207	88
\$120 to \$149 .....	...	...	...	...	2 274	700	316	181	124	116	569	268
\$150 to \$199 .....	...	...	...	...	1 918	571	136	166	112	184	664	85
\$200 to \$299 .....	...	...	...	...	956	308	30	92	37	100	378	11
\$300 or more .....	...	...	...	...	32	12	5	5	10	-	-	-
No cash rent .....	...	...	...	...	587	395	37	10	4	31	42	68
Median .....	...	...	...	...	\$114	\$102	\$99	\$110	\$109	\$98	\$153	\$130
<b>HEATING EQUIPMENT</b>												
Steam or hot water .....	78	73	5	-	119	26	17	24	4	10	38	-
Warm-air furnace .....	9 459	7 205	113	2 141	3 142	671	174	211	170	460	987	469
Built-in electric units .....	488	458	10	20	1 392	170	49	154	75	181	760	3
Floor, wall, or pipeless furnace .....	1 927	1 828	50	49	1 096	461	185	102	97	158	66	27
Other means .....	6 629	6 157	182	290	6 552	3 715	1 112	607	461	336	195	126
None .....	33	23	-	10	107	67	28	-	-	-	12	-
<b>AIR CONDITIONING</b>												
Room unit(s) .....	6 912	5 542	131	1 239	4 341	1 571	573	456	334	393	684	330
Central system .....	5 630	5 048	77	505	2 409	319	117	263	171	226	1 215	98
None .....	6 081	5 187	123	771	5 649	3 206	956	382	295	451	188	171
<b>AUTOMOBILES AVAILABLE</b>												
1 .....	7 266	5 762	168	1 336	6 590	2 234	893	634	537	669	1 235	388
2 .....	8 397	7 318	95	984	2 725	1 247	241	273	103	134	579	148
3 or more .....	1 686	1 566	25	95	495	264	42	19	29	37	88	14
None .....	1 274	1 131	43	100	2 589	1 349	470	175	131	230	185	49

\*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> .....	18 614	916	3 201	3 011	5 573	1 324	404	103	1 448	473	1 289	872
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	17 495	903	3 132	2 906	5 345	1 229	340	79	1 292	352	1 218	699
0.50 or less .....	9 232	413	946	605	3 107	1 010	185	60	746	247	1 214	699
0.51 to 1.00 .....	7 336	454	2 018	2 055	1 908	189	150	11	451	96	4	—
1.01 to 1.50 .....	694	27	129	211	213	18	5	8	74	9	—	—
1.51 or more .....	233	9	39	35	117	12	—	—	21	—	—	—
Lacking some or all plumbing facilities .....	1 119	13	69	105	228	95	64	24	156	121	71	173
0.50 or less .....	535	4	4	20	67	55	23	19	41	70	67	165
0.51 to 1.00 .....	388	4	38	51	91	32	32	—	92	36	4	8
1.01 to 1.50 .....	121	—	11	16	54	—	5	—	19	11	—	—
1.51 or more .....	75	5	16	18	16	8	—	—	4	4	—	—
<b>UNITS IN STRUCTURE</b>												
1 .....	15 744	322	2 351	2 793	5 248	1 249	322	98	1 249	412	941	759
2 or more .....	360	4	74	13	69	25	—	—	34	32	64	45
Mobile home or trailer .....	2 510	590	776	205	256	50	82	5	165	29	284	68
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	1 656	28	30	32	100	217	54	32	222	159	297	485
\$2,000 to \$2,999 .....	651	61	15	19	82	82	57	5	115	41	95	79
\$3,000 to \$3,999 .....	944	70	48	49	172	94	40	4	155	40	157	115
\$4,000 to \$4,999 .....	944	83	106	84	154	113	32	19	156	44	117	36
\$5,000 to \$5,999 .....	1 065	95	110	97	278	81	45	—	99	49	155	56
\$6,000 to \$6,999 .....	1 067	117	229	105	237	77	11	6	166	22	84	13
\$7,000 to \$9,999 .....	3 356	264	910	469	843	76	10	227	57	211	44	44
\$10,000 to \$14,999 .....	4 564	169	1 197	1 008	1 510	217	44	14	234	28	109	34
\$15,000 to \$24,999 .....	3 116	23	465	824	1 468	145	24	5	64	29	59	10
\$25,000 or more .....	1 251	6	91	324	729	53	21	8	10	4	5	—
Median .....	\$9 700	\$7 000	\$10 600	\$13 200	\$13 000	\$7 000	\$5 400	\$4 600	\$5 800	\$3 900	\$4 800	\$2000—
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup> .....	14 839	313	2 305	2 655	4 864	1 149	313	82	1 187	372	891	708
Less than 1.5 .....	6 339	144	1 114	1 255	2 791	373	110	13	297	69	154	19
1.5 to 1.9 .....	2 837	59	527	691	924	174	57	12	198	33	134	28
2.0 to 2.4 .....	1 787	37	368	334	481	158	28	15	156	61	105	44
2.5 to 2.9 .....	947	25	149	186	224	75	35	15	119	29	51	39
3.0 to 3.9 .....	1 022	19	108	127	191	120	12	—	130	28	146	141
4.0 or more .....	1 740	29	31	52	253	244	66	27	251	136	243	408
Not computed .....	167	—	8	10	—	5	5	—	36	16	58	29
<b>Renter occupied housing units</b> .....	12 408	1 756	2 408	683	987	320	1 154	47	1 954	134	2 513	452
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	10 787	1 700	2 276	590	772	242	1 099	12	1 564	58	2 168	306
0.50 or less .....	4 750	427	545	101	312	164	362	12	514	28	2 005	280
0.51 to 1.00 .....	5 237	1 201	1 523	374	351	54	673	—	851	21	163	26
1.01 to 1.50 .....	549	49	160	94	82	24	23	—	117	—	—	—
1.51 or more .....	251	23	48	21	27	—	41	—	82	9	—	—
Lacking some or all plumbing facilities .....	1 621	56	132	93	215	78	55	35	390	76	345	146
0.50 or less .....	545	—	6	—	40	27	10	11	39	24	257	131
0.51 to 1.00 .....	609	20	48	43	87	35	27	18	180	48	88	15
1.01 to 1.50 .....	267	18	50	40	46	4	5	6	98	—	—	—
1.51 or more .....	200	18	28	10	42	12	13	—	73	4	—	—
<b>UNITS IN STRUCTURE</b>												
1 .....	5 110	484	1 160	410	648	219	373	41	908	85	568	214
2 to 4 .....	2 663	418	445	136	136	52	249	—	353	37	734	103
5 to 19 .....	1 952	460	313	67	76	34	170	6	318	7	436	65
20 or more .....	2 058	241	340	50	96	5	314	—	314	5	646	47
Mobile home or trailer .....	625	153	150	20	31	10	48	—	61	—	129	23
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup> .....	12 023	1 746	2 330	647	868	277	1 142	30	1 921	134	2 489	439
Less than \$50 .....	832	39	39	12	52	48	33	5	216	36	247	105
\$50 to \$59 .....	422	18	32	35	51	12	18	7	114	6	105	24
\$60 to \$69 .....	574	44	67	26	82	13	14	—	168	10	130	20
\$70 to \$79 .....	754	115	132	29	31	43	46	—	129	6	184	39
\$80 to \$99 .....	1 951	492	360	82	119	19	101	11	223	36	419	89
\$100 to \$119 .....	1 723	380	374	42	114	32	188	7	204	5	332	45
\$120 to \$149 .....	2 274	397	480	106	84	14	349	—	386	—	430	28
\$150 to \$199 .....	1 918	201	564	105	93	15	235	—	274	—	420	11
\$200 to \$299 .....	956	32	209	149	135	19	134	—	159	5	109	5
\$300 or more .....	32	—	12	5	—	—	5	—	—	—	10	—
No cash rent .....	587	28	61	56	107	62	19	—	48	30	103	73
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup> .....	12 023	1 746	2 330	647	868	277	1 142	30	1 921	134	2 489	439
Less than \$5,000 .....	6 488	863	457	127	240	171	966	30	1 473	112	1 656	393
Less than 20 percent .....	446	48	57	22	54	22	14	—	114	10	83	22
20 to 24 percent .....	419	100	29	22	26	8	22	—	82	6	124	—
25 to 34 percent .....	957	189	127	24	45	28	47	6	187	12	243	49
35 percent or more .....	3 979	499	240	45	64	64	814	24	934	48	1 011	236
Not computed .....	687	27	4	14	51	49	69	—	156	36	195	86
\$5,000 to \$9,999 .....	3 547	760	1 138	221	284	53	111	—	388	22	539	31
Less than 20 percent .....	1 640	380	503	109	191	38	25	—	144	22	210	18
20 to 24 percent .....	814	204	317	59	23	4	17	—	70	—	120	—
25 to 34 percent .....	702	130	194	24	24	5	60	—	112	—	145	8
35 percent or more .....	235	35	77	4	17	—	5	—	50	—	47	—
Not computed .....	156	11	47	25	29	6	4	—	12	—	17	5
\$10,000 to \$14,999 .....	1 255	118	499	139	169	25	41	—	50	—	210	4
Less than 20 percent .....	985	113	419	91	116	9	32	—	24	—	177	4
20 to 24 percent .....	191	5	70	29	40	9	9	—	10	—	19	—
25 percent or more .....	27	—	5	—	—	—	—	—	16	—	6	—
Not computed .....	52	—	5	19	13	7	—	—	—	—	8	—
\$15,000 or more .....	733	5	236	160	175	28	24	—	10	—	84	11
Less than 20 percent .....	661	5	221	131	157	18	24	—	10	—	84	11
20 to 24 percent .....	28	—	10	18	—	—	—	—	—	—	—	—
25 percent or more .....	5	—	—	5	—	—	—	—	—	—	—	—
Not computed .....	39	—	5	6	18	10	—	—	—	—	—	—

<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 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>18 614</b>	<b>2 161</b>	<b>5 288</b>	<b>3 617</b>	<b>3 529</b>	<b>2 116</b>	<b>1 167</b>	<b>383</b>	<b>353</b>	<b>3.0</b>
<b>BEDROOMS</b>										
None and 1	844	286	372	83	67	14	-	-	22	1.9
2	5 074	1 144	2 115	1 092	501	90	64	22	46	2.2
3	9 500	571	2 462	1 825	2 319	1 510	499	83	231	3.4
4 or more	3 194	157	357	561	683	512	544	213	167	4.3
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	1 419	85	407	401	265	148	84	22	7	3.0
1965 to 1968	3 588	246	892	824	834	428	239	72	53	3.3
1960 to 1964	3 782	261	795	744	910	563	280	126	103	3.6
1950 to 1959	5 334	644	1 532	966	957	711	313	104	87	3.0
1940 to 1949	2 445	425	889	419	326	143	136	31	76	2.4
1939 or earlier	2 046	500	753	263	237	123	115	28	27	2.2
<b>UNITS IN STRUCTURE</b>										
1	15 744	1 700	4 232	2 882	3 153	1 989	1 107	357	324	3.2
2 or more	360	109	113	39	64	26	-	-	9	2.1
Mobile home or trailer	2 510	352	943	696	312	101	60	26	20	2.5
<b>COMPLETE BATHROOMS</b>										
1 and 1/2	10 987	1 500	3 379	2 338	1 943	981	504	190	152	2.8
2 and 2 1/2	5 602	322	1 481	1 038	1 300	932	344	118	47	3.5
3 or more	891	52	149	152	161	127	187	57	6	4.1
None or also used by another household	1 143	245	298	111	93	100	156	44	96	2.8
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>16 453</b>	...	<b>5 288</b>	<b>3 617</b>	<b>3 529</b>	<b>2 116</b>	<b>1 167</b>	<b>383</b>	<b>353</b>	<b>3.3</b>
Male head, wife present, no nonrelatives	14 025	...	4 200	3 041	3 146	1 952	1 042	353	291	3.4
Under 25 years	...	...	420	362	100	24	-	5	5	2.6
25 to 34 years	3 201	...	492	629	1 130	526	144	41	39	3.7
35 to 44 years	3 011	...	230	376	892	810	468	156	109	4.5
45 to 64 years	5 573	...	2 088	1 307	952	562	396	143	125	3.0
65 years and over	1 324	...	1 000	127	72	30	34	8	13	2.2
Other male head	507	...	248	167	66	21	34	-	18	2.5
Under 65 years	404	...	192	102	50	21	34	-	5	2.6
65 years and over	103	...	56	18	16	-	-	-	13	2.4
Female head	1 921	...	840	456	317	143	91	30	44	2.8
Under 65 years	1 448	...	579	350	274	112	73	30	30	2.9
65 years and over	473	...	261	106	43	31	18	-	14	2.4
<b>One-person households</b>	<b>2 161</b>	<b>2 161</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>14 839</b>	<b>1 599</b>	<b>3 993</b>	<b>2 717</b>	<b>2 993</b>	<b>1 898</b>	<b>1 010</b>	<b>329</b>	<b>300</b>	<b>3.2</b>
Less than 1.5	6 339	173	1 492	1 385	1 454	903	573	180	179	3.6
1.5 to 1.9	2 837	162	733	501	717	443	161	71	49	3.5
2.0 to 2.4	1 787	149	511	304	376	262	131	22	32	3.3
2.5 to 2.9	947	90	289	131	218	109	69	24	17	3.2
3.0 to 3.9	1 022	287	309	161	137	76	29	19	9	2.2
4.0 or more	1 740	651	612	211	91	96	52	13	14	1.9
Not computed	167	87	47	24	9	9	-	-	-	1.5
<b>Renter occupied housing units</b>	<b>12 408</b>	<b>2 965</b>	<b>4 358</b>	<b>2 284</b>	<b>1 343</b>	<b>675</b>	<b>360</b>	<b>255</b>	<b>168</b>	<b>2.2</b>
<b>BEDROOMS</b>										
None	386	241	127	18	-	-	-	-	-	...
1	4 202	1 627	2 047	296	124	25	43	-	40	1.7
2	5 578	1 003	1 711	1 584	746	254	131	107	42	2.5
3 or more	2 244	127	446	415	434	394	196	149	83	3.8
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	776	211	295	127	85	27	21	10	-	2.1
1965 to 1968	2 608	558	1 154	462	251	146	23	10	4	2.1
1960 to 1964	1 816	435	626	389	203	90	54	15	4	2.3
1950 to 1959	2 736	550	923	519	389	157	106	51	41	2.4
1940 to 1949	2 258	557	676	450	193	161	86	81	54	2.3
1939 or earlier	2 214	654	684	337	222	94	70	88	65	2.2
<b>UNITS IN STRUCTURE</b>										
1	5 110	782	1 412	1 103	735	452	253	221	152	2.8
2	1 565	483	525	295	141	41	40	24	16	2.1
3 and 4	1 098	354	493	105	82	47	17	-	-	1.9
5 to 9	807	245	285	176	72	29	-	-	-	2.1
10 to 19	1 145	256	430	246	116	51	36	10	-	2.2
20 or more	2 058	693	934	229	150	38	14	-	-	1.9
Mobile home or trailer	625	152	279	130	47	17	-	-	-	2.1
<b>COMPLETE BATHROOMS</b>										
1 and 1/2	9 889	2 351	3 841	1 842	972	443	219	126	95	2.2
2 or more	659	49	129	147	176	126	25	-	7	3.5
None or also used by another household	1 851	588	386	292	188	90	114	124	69	2.4
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>9 443</b>	...	<b>4 358</b>	<b>2 284</b>	<b>1 343</b>	<b>675</b>	<b>360</b>	<b>255</b>	<b>168</b>	<b>2.7</b>
Male head, wife present, no nonrelatives	6 154	...	2 634	1 532	974	469	254	165	126	2.8
Under 25 years	1 756	...	1 060	502	132	36	12	14	-	3.1
25 to 34 years	2 408	...	853	635	567	199	86	31	37	3.3
35 to 44 years	1 683	...	112	98	174	122	100	34	43	4.3
45 to 64 years	987	...	399	238	101	96	41	79	33	2.9
65 years and over	320	...	210	59	-	16	7	-	13	2.3
Other male head	1 201	...	759	292	106	34	10	-	-	2.3
Under 65 years	1 154	...	738	278	94	34	10	-	-	2.3
65 years and over	47	...	21	14	12	-	-	-	-	...
Female head	2 088	...	965	460	263	172	96	90	42	2.7
Under 65 years	1 954	...	890	442	239	163	96	90	34	2.7
65 years and over	134	...	75	18	24	9	-	-	8	2.4
<b>One-person households</b>	<b>2 965</b>	<b>2 965</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>12 023</b>	<b>2 928</b>	<b>4 235</b>	<b>2 231</b>	<b>1 294</b>	<b>647</b>	<b>319</b>	<b>229</b>	<b>140</b>	<b>2.2</b>
Less than 10 percent	593	117	203	80	106	17	43	17	10	2.4
10 to 14 percent	1 365	202	442	275	200	129	50	33	34	2.6
15 to 19 percent	1 774	290	631	383	250	107	58	37	18	2.4
20 to 24 percent	1 452	263	480	289	229	112	23	47	9	2.5
25 to 34 percent	1 691	451	518	328	157	126	47	39	25	2.3
35 percent or more	4 214	1 294	1 677	772	244	86	71	40	30	2.3
Not computed	934	311	284	104	108	70	27	16	14	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> .....	286	126	101	59	<b>Vacant for rent</b> .....	822	535	229	58
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	3	3	—	—	1 room .....	22	22	—	—
4 rooms .....	35	20	4	11	2 rooms .....	57	44	13	—
5 rooms .....	77	38	34	5	3 rooms .....	262	152	100	10
6 rooms .....	65	38	19	8	4 rooms .....	301	203	76	22
7 rooms or more .....	106	27	44	35	5 rooms .....	140	90	36	14
<b>PLUMBING FACILITIES</b>					6 rooms .....	16	10	3	3
With all plumbing facilities .....	274	117	101	56	7 rooms or more .....	24	14	1	9
Lacking some or all plumbing facilities .....	12	9	—	3	<b>PLUMBING FACILITIES</b>				
<b>BEDROOMS</b>					With all plumbing facilities .....	762	489	219	54
None and 1 .....	—	—	—	—	Lacking some or all plumbing facilities .....	60	46	10	4
2 .....	45	31	—	14	<b>BEDROOMS</b>				
3 .....	89	42	16	31	None .....	36	36	—	—
4 or more .....	109	31	46	32	1 .....	262	212	50	—
<b>YEAR STRUCTURE BUILT</b>					2 .....	460	228	166	66
1969 to March 1970 .....	103	30	52	21	3 or more .....	83	49	34	—
1960 to 1968 .....	92	53	19	20	<b>YEAR STRUCTURE BUILT</b>				
1950 to 1959 .....	47	25	15	7	1969 to March 1970 .....	184	85	91	8
1949 or earlier .....	44	18	15	11	1960 to 1968 .....	312	213	88	11
<b>UNITS IN STRUCTURE</b>					1950 to 1959 .....	131	97	21	13
1 .....	272	116	97	59	1949 or earlier .....	195	140	29	26
2 or more .....	14	10	4	—	<b>UNITS IN STRUCTURE</b>				
<b>HEATING EQUIPMENT</b>					1 .....	232	136	58	38
Steam or hot water .....	—	—	—	—	2 to 4 .....	140	111	25	4
Warm-air furnace .....	177	80	58	39	5 to 9 .....	62	58	—	4
Built-in electric units .....	4	—	4	—	10 to 19 .....	79	67	12	—
Floor, wall, or pipeless furnace .....	41	17	19	5	20 or more .....	309	163	134	12
Other means .....	59	29	15	15	<b>RENT ASKED</b>				
None .....	5	—	5	—	Specified vacant for rent <sup>2</sup> .....	822	535	229	58
<b>SALES PRICE ASKED</b>					Less than \$50 .....	78	54	12	12
Specified vacant for sale <sup>1</sup> .....	260	116	92	52	\$50 to \$59 .....	41	29	4	8
Less than \$5,000 .....	23	16	—	7	\$50 to \$59 .....	143	109	23	11
\$5,000 to \$9,999 .....	21	4	8	9	\$60 to \$79 .....	51	35	16	—
\$10,000 to \$14,999 .....	45	20	21	4	\$80 to \$99 .....	82	62	16	4
\$15,000 to \$19,999 .....	59	39	16	4	\$100 to \$119 .....	185	82	103	—
\$20,000 to \$24,999 .....	40	9	20	11	\$120 to \$149 .....	157	82	103	—
\$25,000 to \$34,999 .....	50	20	19	11	\$150 to \$199 .....	85	54	23	15
\$35,000 to \$49,999 .....	18	8	4	—	\$200 or more .....	85	54	23	8
\$50,000 or more .....	4	—	—	—	Median rent asked .....	\$123	\$113	\$133	...
Median price asked .....	\$18 500	\$17 300	...	...					

<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> .....	260	44	45	59	40	50	22	822	119	143	51	267	157	85
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	229	29	14	63	16	45	62	706	49	171	121	187	124	54
Lacking some or all plumbing facilities .....	—	—	—	—	—	—	—	135	103	32	—	—	—	—
<b>BEDROOMS</b>														
None and 1 .....	—	—	—	—	—	—	—	298	54	53	35	120	36	—
2 .....	31	14	—	17	—	—	—	460	98	85	86	49	88	54
3 .....	89	15	14	46	—	14	—	65	—	47	—	18	—	—
4 or more .....	109	—	—	—	16	31	62	18	—	18	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	92	5	—	19	20	30	18	184	—	—	4	75	59	46
1960 to 1968 .....	82	14	13	20	13	18	4	312	12	56	24	102	83	35
1950 to 1959 .....	47	3	23	12	7	2	—	131	25	25	8	64	5	4
1949 or earlier .....	39	22	9	8	—	—	—	195	82	62	15	26	10	—
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	232	57	79	19	57	12	8
2 to 4 .....	...	...	...	...	...	...	...	140	32	11	19	47	31	—
5 to 19 .....	...	...	...	...	...	...	...	141	26	53	9	21	20	12
20 or more .....	...	...	...	...	...	...	...	309	4	—	4	142	94	65
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	8	4	4	—	—	—	—
Some or no utilities included .....	...	...	...	...	...	...	...	814	115	109	51	267	157	85

<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	\$7,500	\$10,000	\$12,500	\$15,000	\$20,000	\$25,000	\$35,000	\$50,000	Median
		\$5,000	to \$7,499	to \$9,999	to \$12,499	to \$14,999	to \$19,999	to \$24,999	to \$34,999	to \$49,999	or more	(dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>2 920</b>	<b>551</b>	<b>668</b>	<b>537</b>	<b>361</b>	<b>197</b>	<b>291</b>	<b>145</b>	<b>84</b>	<b>70</b>	<b>16</b>	<b>8 600</b>
<b>ROOMS</b>												
1 and 2 rooms	62	42	7	-	8	-	-	5	-	-	-	...
3 rooms	211	84	42	20	35	4	15	-	11	-	-	6 300
4 rooms	521	160	139	91	59	29	33	5	5	-	-	6 800
5 rooms	830	126	165	222	128	52	82	22	15	10	8	8 900
6 rooms	767	82	176	145	102	76	110	34	10	29	5	9 700
7 rooms	307	51	74	29	15	22	31	54	20	11	-	10 000
8 rooms or more	220	6	65	30	14	14	20	25	23	20	3	11 600
Median	5.3	4.4	5.4	5.2	5.1	5.7	5.6	6.6	...	...	...	...
<b>PERSONS</b>												
1 person	471	145	143	46	39	19	36	11	11	14	7	6 600
2 persons	648	149	78	147	83	65	44	32	15	26	9	9 100
3 persons	446	84	99	79	43	38	57	28	4	14	-	8 800
4 persons	457	44	91	96	49	59	68	33	6	11	-	9 900
5 persons	299	25	60	59	54	16	37	22	21	5	-	10 300
6 persons or more	599	104	197	110	93	-	49	19	27	-	-	7 500
Median	3.3	2.4	3.7	3.5	3.8	2.9	3.6	3.5	...	...	...	...
Units with roomers, boarders, or lodgers	152	4	35	45	23	5	17	11	6	6	-	9 600
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>2 096</b>	<b>145</b>	<b>469</b>	<b>454</b>	<b>305</b>	<b>178</b>	<b>255</b>	<b>129</b>	<b>79</b>	<b>70</b>	<b>12</b>	<b>9 900</b>
0.50 or less	986	84	217	206	118	91	117	57	25	59	12	9 800
0.51 to 1.00	784	37	147	174	115	83	106	72	39	11	-	10 700
1.01 to 1.50	191	19	72	38	34	-	28	-	4	-	-	7 900
1.51 or more	131	5	33	36	38	4	-	-	11	-	-	9 400
<b>Lacking some or all plumbing facilities</b>	<b>824</b>	<b>406</b>	<b>199</b>	<b>89</b>	<b>56</b>	<b>19</b>	<b>34</b>	<b>16</b>	<b>5</b>	<b>-</b>	<b>4</b>	<b>5 100</b>
0.50 or less	364	200	69	34	28	9	10	10	-	-	-	5000-
0.51 to 1.00	315	139	98	21	16	10	26	-	5	-	-	5 500
1.01 to 1.50	88	40	21	17	4	-	-	6	-	-	-	...
1.51 or more	57	27	11	11	8	-	-	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	321	181	62	23	22	-	-	33	-	-	-	...
2	827	314	217	74	92	88	42	-	-	-	-	6 100
3	1 404	152	223	317	226	123	218	82	-	63	-	10 100
4 or more	526	63	209	105	-	19	74	35	-	-	21	7 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	45	-	11	4	11	-	15	-	-	4	-	...
1965 to 1968	312	24	24	73	37	34	50	26	16	21	7	12 400
1960 to 1964	548	61	89	163	76	24	87	24	18	6	-	9 400
1950 to 1959	830	136	219	151	108	63	87	31	20	10	5	8 500
1940 to 1949	616	180	179	62	66	47	21	41	5	11	4	6 800
1939 or earlier	569	150	146	84	63	29	31	23	25	18	-	7 300
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	1 852	139	388	451	340	152	198	76	65	31	12	9 700
2 and 2 1/2	199	-	18	13	4	18	43	36	40	27	-	20 500
3 or more	29	-	-	-	-	-	-	12	5	12	-	...
None or also used by another household	793	349	252	78	38	23	26	15	6	-	6	5 500
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>2 449</b>	<b>406</b>	<b>525</b>	<b>491</b>	<b>322</b>	<b>178</b>	<b>255</b>	<b>134</b>	<b>73</b>	<b>56</b>	<b>9</b>	<b>9 000</b>
Male head, wife present, no nonrelatives	1 678	240	327	359	246	134	178	103	54	32	5	9 400
Under 25 years	38	10	-	4	-	4	15	5	-	-	-	...
25 to 34 years	228	35	43	70	32	17	19	12	-	-	-	...
35 to 44 years	361	46	58	84	57	34	46	10	15	11	-	8 800
45 to 64 years	797	92	187	161	122	49	81	61	28	11	5	9 800
65 years and over	254	57	39	40	35	30	17	15	11	10	-	9 400
Other male head	179	42	35	33	8	10	40	5	6	-	-	8 400
Under 65 years	133	37	22	20	3	10	30	5	6	-	-	8 400
65 years and over	46	5	13	13	5	-	10	5	6	-	-	8 400
Female head	592	124	163	99	68	34	37	26	13	24	4	7 700
Under 65 years	408	76	123	63	47	34	31	12	8	10	4	7 700
65 years and over	184	48	40	36	21	-	6	14	5	14	-	7 800
One-person households	471	145	143	46	39	19	36	11	11	14	7	6 600
Under 65 years	250	53	85	28	22	15	19	6	6	9	7	7 100
65 years and over	221	92	58	18	17	4	17	5	5	5	-	5 800
<b>INCOME IN 1969</b>												
Less than \$2,000	673	234	161	119	53	21	40	13	21	-	-	6 600
\$2,000 to \$2,999	235	90	41	24	35	5	19	15	6	11	-	6 700
\$3,000 to \$3,999	324	77	90	44	42	24	21	13	-	-	-	7 400
\$4,000 to \$4,999	240	43	72	40	26	28	15	16	-	-	13	7 800
\$5,000 to \$5,999	228	32	64	46	26	22	19	-	-	-	-	7 800
\$6,000 to \$6,999	192	12	54	48	50	10	9	6	13	-	-	8 500
\$7,000 to \$9,999	500	40	126	128	65	31	31	9	-	-	-	9 100
\$10,000 to \$14,999	302	23	21	61	37	27	63	37	5	5	-	9 100
\$15,000 to \$24,999	207	23	39	27	27	20	61	21	32	19	-	13 300
\$25,000 or more	19	-	-	-	-	9	44	16	9	22	3	13 800
Median	\$5 000	\$2 500	\$4 600	\$5 900	\$5 900	\$5 900	\$8 100	\$7 500	...	...	...	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	73	7	5	20	14	5	12	-	6	4	-	...
1968	109	-	30	35	9	7	15	-	-	-	-	...
1967	121	22	13	21	15	7	24	-	-	-	-	...
1965 and 1966	311	38	66	79	42	19	36	-	-	13	6	...
1960 to 1964	623	88	97	160	127	18	66	11	20	-	-	9 100
1950 to 1959	1 029	190	267	149	116	70	93	51	30	15	-	9 500
1949 or earlier	607	143	180	78	59	67	21	42	7	10	-	8 500
<b>HEATING EQUIPMENT</b>												
Steam or hot water	11	-	6	-	-	-	-	-	-	-	-	...
Warm-air furnace	347	12	37	18	43	52	62	47	37	34	3	16 400
Built-in electric units	97	-	14	18	24	5	22	-	4	10	-	...
Floor, wall, or pipeless furnace	216	12	32	71	27	18	41	9	4	6	-	9 800
Other means	2 239	523	579	424	267	122	166	89	43	13	13	7 600
None	10	4	-	6	-	-	-	-	-	-	-	...
<b>AIR CONDITIONING</b>												
Room unit(s)	461	29	97	78	91	48	44	42	26	6	-	10 700
Central system	154	6	28	-	12	11	23	24	27	23	-	19 300
None	2 258	453	533	464	279	134	200	73	63	41	18	8 300

<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)
Specified renter occupied <sup>1</sup>	3 171	657	325	412	374	583	304	205	74	12	-	225	72
<b>ROOMS</b>													
1 room	56	38	-	-	9	-	5	-	-	-	-	-	4
2 rooms	288	105	42	26	27	56	5	10	-	-	-	-	17
3 rooms	1 026	263	130	188	127	162	55	78	10	-	-	-	13
4 rooms	919	136	95	97	118	197	118	47	37	4	-	-	70
5 rooms	532	92	40	51	70	72	68	47	27	5	-	-	60
6 rooms	306	23	14	50	23	96	44	18	-	-	-	-	38
7 rooms	31	-	4	-	-	-	4	5	-	-	-	-	18
8 rooms or more	13	-	-	-	-	-	5	-	-	3	-	-	5
Median	3.7	3.2	3.4	3.5	3.7	3.9	4.2	3.8	...	...	-	-	4.6
<b>PERSONS</b>													
1 person	661	240	67	42	86	106	32	16	9	-	-	-	63
2 persons	771	134	99	102	69	134	84	69	25	-	-	-	55
3 persons	606	103	55	103	81	114	64	51	15	4	-	-	16
4 persons	357	59	47	50	42	62	46	16	-	-	-	-	35
5 persons	271	59	22	27	31	46	23	23	11	8	-	-	21
6 persons or more	505	62	35	88	65	121	55	30	14	-	-	-	35
Median	2.8	2.2	2.5	3.1	2.9	3.0	3.1	2.8	...	...	-	-	2.4
Units with roomers, boarders, or lodgers	173	10	23	18	20	22	27	17	26	3	-	-	7
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>													
0.50 or less	1 818	178	128	179	261	438	246	195	74	12	-	-	107
0.51 to 1.00	607	55	50	35	109	155	71	46	28	3	-	-	55
1.01 to 1.50	792	84	55	92	94	187	121	101	27	9	-	-	22
1.51 or more	292	28	17	24	48	58	40	32	19	-	-	-	26
Median	127	11	6	28	10	38	14	16	-	-	-	-	4
<b>Lacking some or all plumbing facilities</b>													
0.50 or less	1 353	479	197	233	113	145	58	10	-	-	-	-	118
0.51 to 1.00	468	211	57	50	22	44	19	-	-	-	-	-	50
1.01 to 1.50	492	163	96	105	29	32	20	5	-	-	-	-	65
1.51 or more	212	49	28	42	23	45	14	-	-	-	-	-	42
Median	181	56	16	36	39	24	5	5	-	-	-	-	11
<b>BEDROOMS</b>													
None	68	25	-	-	-	-	25	18	-	-	-	-	-
1	893	191	109	112	132	204	41	60	25	-	-	-	19
2	1 559	217	148	214	208	437	142	109	21	15	-	-	48
3 or more	529	68	65	58	43	109	46	21	-	-	-	-	78
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	134	70	28	10	5	9	7	-	-	5	-	-	50
1965 to 1968	353	63	19	30	24	45	55	87	26	4	-	-	96
1960 to 1964	296	15	9	30	31	94	33	43	22	-	-	-	88
1950 to 1959	683	111	46	84	120	148	88	38	7	-	-	-	77
1940 to 1949	810	126	115	126	134	150	75	23	-	-	-	-	61
1939 or earlier	895	272	108	132	60	137	46	14	19	3	-	-	104
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	-	-	-	-	-	-	-	-	-	-	-	-	-
With elevator	-	-	-	-	-	-	-	-	-	-	-	-	-
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 3 floors	3 049	501	322	384	383	750	254	208	46	15	-	-	186
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	1 737	190	111	164	259	401	236	180	83	5	-	-	108
2 or more	12	-	-	-	-	-	6	-	-	6	-	-	-
None or also used by another household	1 493	541	226	279	112	118	75	13	-	-	-	-	129
<b>INCOME IN 1969</b>													
Less than \$2,000	1 061	310	141	115	99	132	53	56	30	9	-	-	116
\$2,000 to \$2,999	383	125	49	21	41	70	28	19	13	-	-	-	17
\$3,000 to \$3,999	481	98	44	65	52	122	39	26	4	-	-	-	31
\$4,000 to \$4,999	327	30	21	105	43	62	38	10	-	-	-	-	18
\$5,000 to \$5,999	258	35	39	40	43	54	15	21	11	-	-	-	73
\$6,000 to \$6,999	217	38	-	24	43	45	40	18	-	-	-	-	9
\$7,000 to \$9,999	289	11	25	26	42	77	48	38	-	3	-	-	19
\$10,000 to \$14,999	109	6	4	11	11	17	36	17	4	-	-	-	4
\$15,000 to \$24,999	28	-	-	7	-	4	7	-	5	-	-	-	5
\$25,000 or more	18	-	-	5	-	-	-	-	7	-	-	-	6
Median	\$3 400	\$2 100	\$2 400	\$4 000	\$3 900	\$3 700	\$4 800	\$4 200	...	...	-	-	\$2000-
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	1 066	235	133	96	132	108	139	129	60	5	-	-	29
1968	308	55	13	56	39	99	19	21	-	6	-	-	78
1967	233	60	25	21	23	62	22	6	6	-	-	-	8
1965 and 1966	410	73	24	78	81	57	69	15	-	-	-	-	13
1960 to 1964	553	123	87	68	48	86	50	22	-	-	-	-	69
1950 to 1959	372	64	29	84	35	88	18	-	9	-	-	-	45
1949 or earlier	300	121	26	40	13	19	-	-	8	-	-	-	73
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	188	95	31	21	11	16	7	-	7	-	-	-	50
10 to 14 percent	392	77	50	72	68	46	53	17	9	-	-	-	70
15 to 19 percent	512	113	30	125	70	120	40	14	-	-	-	-	69
20 to 24 percent	329	61	48	51	49	45	40	35	-	-	-	-	71
25 to 34 percent	438	103	25	28	54	137	44	33	11	3	-	-	81
35 percent or more	1 003	189	129	106	122	205	112	100	36	4	-	-	76
Not computed	309	19	12	9	-	14	8	6	11	5	-	-	225
<b>AIR CONDITIONING</b>													
Room unit(s)	224	15	19	7	44	27	38	28	23	5	-	-	18
Central system	112	5	-	-	-	5	9	62	31	-	-	-	-
None	2 906	711	318	436	327	487	270	103	29	6	-	-	219

<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> .....	<b>3 397</b>	<b>813</b>	<b>297</b>	<b>386</b>	<b>294</b>	<b>252</b>	<b>228</b>	<b>536</b>	<b>353</b>	<b>213</b>	<b>25</b>	<b>4 700</b>
<b>ROOMS</b>												
1 and 2 rooms .....	91	42	20	20	—	—	—	—	4	5	—	...
3 rooms .....	254	81	25	31	18	22	12	46	19	—	—	3 700
4 rooms .....	605	212	41	104	59	32	46	51	33	27	—	3 500
5 rooms .....	947	194	132	89	63	96	59	176	91	47	—	4 900
6 rooms .....	871	198	24	82	94	80	66	168	97	53	9	5 500
7 rooms or more .....	629	86	55	60	60	22	45	95	109	81	16	6 700
<b>PERSONS</b>												
1 person .....	546	331	63	57	6	22	7	24	24	12	—	2000—
2 persons .....	762	275	72	120	70	32	42	51	60	35	5	3 300
3 and 4 persons .....	1 052	135	90	112	100	122	82	247	98	61	4	5 700
5 persons .....	334	27	15	25	39	23	27	64	67	31	16	7 500
6 persons or more .....	703	44	57	72	79	53	70	150	104	74	—	6 700
Units with roomers, boarders, or lodgers .....	173	59	33	19	19	10	10	16	7	—	—	2 800
<b>BEDROOMS</b>												
Less than 3 .....	1 268	442	123	264	63	40	77	163	24	72	—	3 300
3 .....	1 575	326	81	119	164	83	187	210	225	180	—	6 100
4 or more .....	543	120	80	19	62	22	46	39	72	83	—	4 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	67	4	12	12	9	11	—	10	4	5	—	...
1960 to 1968 .....	980	148	59	113	54	84	87	207	132	90	6	6 400
1950 to 1959 .....	916	133	101	85	93	71	82	141	130	71	9	5 600
1949 or earlier .....	1 434	528	125	176	138	86	59	178	87	47	10	3 400
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	135	35	32	15	13	6	6	19	9	—	—	3 000
1968 .....	151	51	—	20	—	17	22	20	21	—	—	5 300
1960 to 1967 .....	1 158	179	79	154	60	100	104	257	154	63	8	6 100
1959 or earlier .....	1 950	516	185	186	215	156	81	289	190	109	23	4 400
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	1 132	105	70	39	144	—	162	183	194	235	—	7 800
Clothes dryer .....	217	22	24	19	—	—	23	67	—	62	—	...
Dishwasher .....	145	22	17	—	—	—	—	42	—	64	—	...
Home food freezer .....	827	43	41	39	43	41	85	162	180	193	—	9 300
Owned second home .....	239	57	22	14	—	23	36	63	—	—	—	...
With air conditioning .....	684	52	33	52	45	50	39	147	148	95	23	8 400
Room unit(s) .....	508	26	33	46	32	50	39	128	75	73	6	7 700
Central system .....	176	26	—	6	13	—	—	19	73	22	17	11 600
Automobiles available:												
1 .....	1 355	244	148	165	154	181	96	208	133	20	6	4 800
2 .....	1 054	60	51	87	81	76	90	295	187	113	14	7 800
3 or more .....	200	23	9	14	—	5	13	59	41	25	11	8 800
<b>Renter occupied housing units</b> .....	<b>3 324</b>	<b>1 082</b>	<b>410</b>	<b>538</b>	<b>327</b>	<b>273</b>	<b>217</b>	<b>305</b>	<b>114</b>	<b>40</b>	<b>18</b>	<b>3 300</b>
<b>ROOMS</b>												
1 room .....	56	40	6	10	—	—	—	—	—	—	—	...
2 rooms .....	288	119	63	54	16	12	5	19	—	—	—	...
3 rooms .....	1 061	338	130	192	146	101	62	61	24	7	—	2 400
4 rooms .....	946	323	78	140	78	100	78	106	38	5	—	3 300
5 rooms .....	579	170	72	85	62	46	43	53	27	14	7	3 500
6 rooms or more .....	394	92	61	57	25	14	29	66	25	14	11	3 800
<b>PERSONS</b>												
1 person .....	671	390	69	79	49	28	30	21	—	5	—	2000—
2 persons .....	793	299	135	122	56	68	30	52	24	7	7	2 700
3 and 4 persons .....	995	267	87	161	124	105	103	103	33	7	5	3 900
5 persons .....	287	38	48	52	34	28	8	48	21	10	—	4 200
6 persons or more .....	578	88	71	124	64	44	46	81	36	18	6	4 100
Units with roomers, boarders, or lodgers .....	173	72	26	28	7	—	12	9	14	—	5	2 600
<b>BEDROOMS</b>												
None .....	68	50	18	—	—	—	—	—	—	—	—	...
1 .....	893	362	137	182	41	62	25	65	—	19	—	2 600
2 .....	1 614	476	202	302	207	20	142	226	19	20	—	3 400
3 or more .....	745	125	159	162	42	64	87	81	25	—	—	3 500
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	134	46	30	21	15	10	7	5	—	—	—	2 700
1960 to 1968 .....	659	197	100	66	65	52	64	77	26	12	—	3 500
1950 to 1959 .....	714	178	84	141	92	59	45	72	36	—	7	3 700
1949 or earlier .....	1 817	661	196	310	155	152	101	151	52	28	11	3 200
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	1 066	349	169	115	92	115	45	112	53	16	—	3 100
1968 .....	308	44	40	73	64	43	20	13	7	4	—	4 000
1960 to 1967 .....	1 268	417	121	233	91	110	121	103	56	7	9	3 400
1959 or earlier .....	705	308	53	77	91	44	33	53	24	8	14	2 800
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied:												
Less than 15 percent .....	580	6	16	26	41	101	88	162	105	23	12	7 200
15 to 19 percent .....	512	—	41	99	125	95	71	81	—	—	—	4 900
20 to 24 percent .....	329	17	68	102	52	24	42	24	—	—	—	3 800
25 to 34 percent .....	438	79	88	137	86	38	7	3	—	—	—	3 400
35 percent or more .....	1 003	759	153	86	5	—	—	—	—	—	—	2000—
Not computed .....	309	200	17	31	18	—	—	—	4	5	6	2000—
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	358	25	59	62	—	40	43	109	—	20	—	...
Clothes dryer .....	40	—	—	—	—	20	—	—	—	20	—	...
Dishwasher .....	80	36	—	25	—	—	—	19	—	—	—	...
Home food freezer .....	492	116	101	153	21	40	20	41	—	—	—	3 200
Owned second home .....	184	56	19	21	—	20	23	25	—	20	—	...
With air conditioning .....	336	91	27	28	—	40	47	46	32	16	9	5 600
Room unit(s) .....	224	66	14	23	—	19	32	29	23	9	9	5 500
Central system .....	112	25	13	5	—	21	15	17	9	7	—	...
Automobiles available:												
1 .....	1 312	201	139	218	157	183	138	198	62	16	7	4 600
2 .....	260	39	6	34	25	14	37	25	50	7	23	6 300
3 or more .....	38	6	6	7	—	—	—	5	6	8	—	...

\*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	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>3 397</b>	<b>2 411</b>	<b>1 128</b>	<b>891</b>	<b>238</b>	<b>154</b>	<b>986</b>	<b>423</b>	<b>378</b>	<b>115</b>	<b>70</b>
<b>PERSONS</b>											
1 person .....	546	342	342	—	—	—	204	192	12	—	—
2 persons .....	762	511	497	14	—	—	251	195	56	—	—
3 persons .....	501	386	215	167	4	—	115	32	83	—	—
4 persons .....	551	455	51	376	23	—	96	—	85	—	—
5 persons .....	334	263	23	190	33	5	71	4	54	11	—
6 persons or more .....	703	454	—	144	178	132	249	—	88	99	8
Median .....	3.3	3.4	1.9	4.2	6.3	7.5+	2.8	1.6	3.9	6.5	62
Units with roomers, boarders, or lodgers .....	173	151	69	73	4	5	22	8	14	—	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	47	47	9	23	15	—	—	—	—	—	—
1965 to 1968 .....	428	368	130	163	17	58	60	25	28	7	—
1960 to 1964 .....	571	452	171	182	47	52	119	11	51	37	20
1950 to 1959 .....	905	657	311	225	96	25	248	71	150	19	8
1940 to 1949 .....	728	489	303	142	30	14	239	142	43	45	9
1939 or earlier .....	715	452	255	151	34	12	263	110	107	33	13
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	813	444	367	68	9	—	369	251	100	14	4
\$2,000 to \$2,999 .....	297	190	77	84	19	10	107	58	44	—	5
\$3,000 to \$3,999 .....	386	252	133	87	11	21	134	55	47	19	13
\$4,000 to \$4,999 .....	294	183	91	56	27	9	111	29	41	20	21
\$5,000 to \$5,999 .....	252	201	73	85	15	28	51	4	42	—	5
\$6,000 to \$6,999 .....	228	167	65	49	34	19	61	10	39	6	5
\$7,000 to \$9,999 .....	536	423	126	232	38	27	113	10	49	44	6
\$10,000 to \$14,999 .....	353	325	113	137	39	36	28	6	16	6	10
\$15,000 to \$24,999 .....	213	201	74	77	46	4	12	—	—	6	6
\$25,000 or more .....	25	25	9	16	—	—	—	—	—	—	—
Median .....	\$4 700	\$5 700	\$3 900	\$7 200	\$7 300	\$6 500	\$3 100	\$2000—	\$4 000	\$6 800	—
<b>VALUE-INCOME RATIO</b> Specified owner occupied <sup>1</sup>	2 920	2 096	986	784	195	131	824	364	315	88	57
Less than 1.5 .....	1 154	840	293	334	141	72	314	57	145	68	44
1.5 to 1.9 .....	411	326	102	177	36	11	85	33	42	5	5
2.0 to 2.4 .....	237	181	66	78	4	33	56	39	17	—	—
2.5 to 2.9 .....	161	122	54	53	4	11	39	19	14	—	—
3.0 to 3.9 .....	262	156	105	48	3	—	106	62	31	6	—
4.0 or more .....	634	436	334	91	7	4	198	133	61	5	8
Not computed .....	61	35	32	3	—	—	26	21	5	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	11	11	5	—	6	—	—	—	—	—	—
Warm-air furnace .....	426	396	191	161	31	13	30	16	14	—	—
Built-in electric units .....	102	98	61	23	4	10	4	—	—	—	—
Floor, wall, or pipeless furnace .....	234	190	77	84	9	—	44	17	10	12	5
Other means .....	2 601	1 711	789	623	188	111	890	382	346	103	59
None .....	23	5	5	—	—	—	18	8	4	—	6
<b>Renter occupied housing units</b> .....	<b>3 324</b>	<b>1 890</b>	<b>623</b>	<b>806</b>	<b>315</b>	<b>146</b>	<b>1 434</b>	<b>484</b>	<b>508</b>	<b>255</b>	<b>187</b>
<b>PERSONS</b>											
1 person .....	671	307	298	9	—	—	364	342	22	—	—
2 persons .....	793	499	297	202	—	—	294	114	170	—	10
3 persons .....	622	384	25	325	29	5	238	28	178	27	5
4 persons .....	373	204	—	138	60	6	169	—	102	48	19
5 persons .....	287	210	3	117	71	19	77	—	22	37	18
6 persons or more .....	578	286	—	15	155	116	292	—	14	143	135
Median .....	2.8	2.9	1.5	3.1	5.5	6.8	2.7	1.2	2.8	5.8	6.7
Units with roomers, boarders, or lodgers .....	173	120	36	59	20	5	53	20	24	—	9
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	136	136	7	94	29	6	—	—	—	—	—
1965 to 1968 .....	314	292	82	147	46	17	22	11	6	—	5
1960 to 1964 .....	293	269	79	105	67	18	24	15	9	—	—
1950 to 1959 .....	747	451	168	172	69	42	296	90	89	65	52
1940 to 1949 .....	849	410	170	140	56	44	439	158	173	70	38
1939 or earlier .....	1 008	289	123	90	61	15	719	214	296	117	92
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	1 082	463	241	156	31	35	619	315	223	47	34
\$2,000 to \$2,999 .....	410	226	76	86	55	9	184	57	64	36	27
\$3,000 to \$3,999 .....	538	300	91	122	45	42	238	52	78	57	51
\$4,000 to \$4,999 .....	327	202	59	106	27	10	125	13	51	25	36
\$5,000 to \$5,999 .....	273	199	53	85	41	20	74	16	24	34	—
\$6,000 to \$6,999 .....	210	152	20	104	18	10	65	25	18	5	17
\$7,000 to \$9,999 .....	305	214	59	94	46	15	91	6	33	40	12
\$10,000 to \$14,999 .....	114	87	12	43	27	5	27	—	12	5	10
\$15,000 to \$24,999 .....	40	40	5	10	25	—	—	—	—	—	—
\$25,000 or more .....	18	7	7	—	—	—	—	—	—	—	—
Median .....	\$3 300	\$3 900	\$2 900	\$4 400	\$5 000	\$3 700	\$2 500	\$2000—	\$2 500	\$3 800	\$3 600
<b>GROSS RENT AS PERCENTAGE OF INCOME</b> Specified renter occupied <sup>2</sup>	3 171	1 818	607	792	292	127	1 353	468	492	212	181
Less than 10 percent .....	188	68	14	28	24	—	120	29	52	16	23
10 to 14 percent .....	392	268	70	116	51	31	124	16	59	40	9
15 to 19 percent .....	512	288	68	160	55	5	224	40	75	59	50
20 to 24 percent .....	329	218	79	110	18	11	111	17	34	19	41
25 to 34 percent .....	438	273	58	123	53	39	165	62	55	23	25
35 percent or more .....	1 003	538	225	213	63	37	465	225	163	44	33
Not computed .....	309	165	93	42	26	4	144	79	54	11	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	13	13	—	6	7	—	—	—	—	—	—
Warm-air furnace .....	336	318	58	180	64	16	18	14	—	—	4
Built-in electric units .....	153	153	66	71	10	6	—	—	—	—	—
Floor, wall, or pipeless furnace .....	68	53	12	32	4	5	15	—	—	—	15
Other means .....	2 683	1 349	487	517	230	115	1 334	458	470	245	161
None .....	71	4	—	—	—	4	67	12	38	10	—

<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>	<b>3 397</b>	<b>12</b>	<b>79</b>	<b>254</b>	<b>605</b>	<b>947</b>	<b>871</b>	<b>363</b>	<b>266</b>	<b>5.3</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	2 394	--	33	142	374	690	656	281	218	5.4
<b>PERSONS</b>										
1 person	546	12	50	58	180	120	85	15	26	4.4
2 persons	762	--	20	50	166	246	183	66	31	5.1
3 persons	501	--	4	41	60	149	163	68	16	5.5
4 persons	551	--	5	34	70	155	165	71	51	5.6
5 persons	334	--	--	25	38	108	85	39	39	5.5
6 persons or more	703	--	--	46	91	169	190	104	103	5.7
Median	3.3	...	...	3.0	2.2	3.2	3.5	4.0	4.7	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>2 411</b>	<b>--</b>	<b>40</b>	<b>121</b>	<b>382</b>	<b>680</b>	<b>675</b>	<b>294</b>	<b>219</b>	<b>5.5</b>
0.50 or less	1 128	--	22	15	224	232	367	126	142	5.7
0.51 to 1.00	891	--	9	24	81	323	241	144	69	5.5
1.01 to 1.50	238	--	4	23	44	82	53	24	8	5.1
1.51 or more	154	--	5	59	33	43	14	--	--	3.9
<b>Lacking some or all plumbing facilities</b>	<b>986</b>	<b>12</b>	<b>39</b>	<b>133</b>	<b>223</b>	<b>267</b>	<b>196</b>	<b>69</b>	<b>47</b>	<b>4.8</b>
0.50 or less	423	--	28	43	122	134	64	23	9	4.6
0.51 to 1.00	378	12	11	67	49	89	96	27	27	5.1
1.01 to 1.50	115	--	--	11	31	30	27	11	5	5.0
1.51 or more	70	--	--	12	21	14	9	8	6	...
<b>BEDROOMS</b>										
None and 1	366	19	83	105	101	44	14	--	--	...
2	902	--	--	174	385	265	78	--	--	4.2
3	575	--	--	--	129	555	642	232	17	5.7
4 or more	543	--	--	--	--	49	154	152	188	7.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	67	--	4	4	13	29	8	5	4	...
1960 to 1968	980	--	19	94	163	296	225	103	80	5.2
1950 to 1959	916	--	33	50	159	237	280	99	58	5.4
1949 or earlier	1 434	12	23	106	270	385	358	156	124	5.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	2 134	--	38	127	352	663	617	215	122	5.3
2 or more	280	--	5	15	22	32	39	71	96	6.9
None or also used by another household	980	11	38	121	229	267	198	59	57	4.8
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>2 920</b>	<b>12</b>	<b>50</b>	<b>211</b>	<b>521</b>	<b>830</b>	<b>769</b>	<b>307</b>	<b>220</b>	<b>5.3</b>
Less than 1.5	1 154	--	9	97	177	365	291	130	85	5.3
1.5 to 1.9	411	4	5	--	91	123	115	39	34	5.4
2.0 to 2.9	398	--	15	38	32	94	114	63	42	5.7
3.0 or more	896	8	16	67	207	243	229	75	51	5.1
Not computed	61	--	5	9	14	5	20	--	8	...
<b>Renter occupied housing units</b>	<b>3 324</b>	<b>36</b>	<b>288</b>	<b>1 061</b>	<b>946</b>	<b>579</b>	<b>350</b>	<b>31</b>	<b>13</b>	<b>3.8</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	1 753	15	87	495	579	326	209	28	14	4.0
<b>PERSONS</b>										
1 person	671	31	128	321	108	64	15	4	--	3.0
2 persons	793	10	58	314	223	140	43	--	5	3.6
3 persons	622	10	56	172	240	91	49	4	--	3.8
4 persons	373	5	20	108	138	61	41	--	--	3.9
5 persons	287	--	5	32	108	72	57	5	8	4.5
6 persons or more	578	--	21	114	129	151	145	18	--	4.7
Median	2.8	...	1.8	2.2	3.1	3.4	5.0	...	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>1 890</b>	<b>14</b>	<b>124</b>	<b>530</b>	<b>598</b>	<b>393</b>	<b>197</b>	<b>21</b>	<b>13</b>	<b>4.0</b>
0.50 or less	623	--	35	154	243	113	62	8	8	4.0
0.51 to 1.00	806	9	33	259	238	177	80	5	5	3.9
1.01 to 1.50	315	--	29	60	84	79	55	8	--	4.3
1.51 or more	146	5	27	57	33	24	--	--	--	3.2
<b>Lacking some or all plumbing facilities</b>	<b>1 434</b>	<b>42</b>	<b>164</b>	<b>531</b>	<b>348</b>	<b>186</b>	<b>153</b>	<b>10</b>	<b>--</b>	<b>3.5</b>
0.50 or less	484	--	93	167	88	91	45	--	--	3.4
0.51 to 1.00	508	22	25	227	140	47	37	10	--	3.4
1.01 to 1.50	255	--	27	48	74	35	71	--	--	4.2
1.51 or more	187	20	19	89	46	13	--	--	--	3.1
<b>BEDROOMS</b>										
None	68	25	43	--	--	--	--	--	--	...
1	893	--	296	515	62	20	--	--	--	2.8
2	614	--	--	479	805	309	21	--	--	3.9
3 or more	745	--	--	--	94	328	302	--	21	5.3
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	134	--	5	19	29	67	14	--	--	4.7
1960 to 1968	659	25	65	190	234	101	44	--	--	3.7
1950 to 1959	714	4	70	241	201	116	69	13	--	3.7
1949 or earlier	1 817	27	148	611	482	295	223	18	13	3.8
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	1 777	15	92	508	586	338	202	28	8	4.0
2 or more	19	--	--	--	--	6	7	--	6	...
None or also used by another household	1 531	55	183	588	362	220	130	13	--	3.4
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>3 171</b>	<b>56</b>	<b>288</b>	<b>1 026</b>	<b>919</b>	<b>532</b>	<b>306</b>	<b>31</b>	<b>13</b>	<b>3.7</b>
Less than 10 percent	188	--	18	74	43	27	26	--	--	3.5
10 to 14 percent	392	11	29	93	150	71	34	4	--	3.9
15 to 19 percent	512	11	39	208	128	91	35	--	--	3.5
20 to 24 percent	329	--	37	131	82	41	33	--	5	3.5
25 to 34 percent	438	--	19	164	145	70	37	--	3	3.5
35 percent or more	1 003	30	120	323	272	146	103	9	--	3.6
Not computed	309	4	26	33	99	86	38	18	5	4.4

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

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

The SMSA

	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	3 397	3 212	87	98	3 324	2 044	567	191	108	260	136	18
<b>ROOMS</b>												
1 room	12	12	-	-	56	24	6	-	12	9	5	-
2 rooms	79	50	9	20	288	102	93	31	31	26	-	5
3 rooms	254	225	4	25	1 061	574	249	75	28	45	84	6
4 rooms	605	558	11	36	946	603	142	68	27	65	34	7
5 rooms	947	905	25	17	579	385	72	17	6	90	9	-
6 rooms	871	848	23	-	350	316	5	-	-	25	4	-
7 rooms	363	352	11	-	31	27	-	-	4	-	-	-
8 rooms or more	266	262	4	-	13	13	-	-	-	-	-	-
Median	5.3	5.3	...	...	3.8	4.0	3.2	3.4	2.9	4.3	3.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	2 411	2 268	78	65	1 890	957	297	184	91	229	119	13
0.50 or less	1 128	1 064	39	25	623	371	97	56	29	36	27	7
0.51 to 1.00	891	853	21	17	806	342	128	75	36	142	77	6
1.01 to 1.50	238	220	8	10	315	160	55	33	21	31	15	-
1.51 or more	154	131	10	13	146	84	17	20	5	20	-	-
Lacking some or all plumbing facilities	986	944	9	33	1 434	1 087	270	7	17	31	17	5
0.50 or less	423	410	5	8	484	339	115	-	-	25	-	5
0.51 to 1.00	378	358	-	20	508	405	72	7	8	6	10	-
1.01 to 1.50	115	115	-	-	255	215	31	-	5	-	4	-
1.51 or more	70	61	4	5	187	128	52	-	4	-	3	-
<b>BEDROOMS</b>												
None	19	19	-	-	68	-	18	-	-	-	25	25
1	347	302	22	23	893	362	219	91	65	66	90	-
2	902	883	19	-	1 614	988	260	154	44	66	102	-
3	1 575	1 491	84	-	703	546	-	-	-	157	-	-
4 or more	543	543	-	-	42	42	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	67	45	4	18	134	10	4	7	-	99	14	-
1965 to 1968	391	352	-	39	357	67	23	67	42	98	60	-
1960 to 1964	589	559	22	8	302	131	53	30	24	23	34	7
1950 to 1959	916	882	19	15	714	461	169	57	8	9	4	6
1940 to 1949	732	705	27	-	862	616	172	23	21	13	17	-
1939 or earlier	702	669	15	18	955	759	146	7	13	18	7	5
<b>INCOME IN 1969</b>												
Less than \$2,000	813	754	23	36	1 082	685	186	25	36	103	42	5
\$2,000 to \$2,999	297	268	17	12	410	232	61	20	27	48	22	-
\$3,000 to \$3,999	386	364	10	12	538	381	72	19	12	39	15	-
\$4,000 to \$4,999	294	280	4	10	327	185	71	13	6	25	21	6
\$5,000 to \$5,999	252	243	4	5	273	145	47	32	16	16	10	7
\$6,000 to \$6,999	228	206	8	14	217	128	57	7	-	19	6	-
\$7,000 to \$9,999	536	527	-	9	305	170	44	55	6	10	20	-
\$10,000 to \$14,999	353	332	21	-	114	86	22	6	-	-	-	-
\$15,000 to \$24,999	213	213	-	-	40	21	-	14	5	-	-	-
\$25,000 or more	25	25	-	-	18	11	7	-	-	-	-	-
Median	\$4 700	\$4 800	...	...	\$3 300	\$3 300	\$3 500	\$5 600	\$2 700	\$2 600	\$3 300	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	135	79	13	43	1 066	464	118	104	57	226	79	18
1968	151	133	-	18	308	178	80	19	17	5	9	-
1967	149	135	-	14	240	165	25	31	7	6	6	-
1965 and 1966	351	330	-	21	426	275	127	3	10	5	6	-
1960 to 1964	658	644	8	6	602	420	136	7	13	20	6	-
1950 to 1959	1 057	1 030	19	8	352	266	70	-	-	9	7	-
1949 or earlier	893	850	31	12	353	312	41	-	-	-	-	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	3 171	1 891	567	191	108	260	136	18
Less than \$50	...	...	...	...	657	375	124	5	8	136	4	5
\$50 to \$59	...	...	...	...	325	165	70	19	21	45	5	-
\$60 to \$69	...	...	...	...	412	248	89	28	4	24	19	-
\$70 to \$79	...	...	...	...	374	226	93	19	4	19	6	7
\$80 to \$89	...	...	...	...	583	381	72	65	35	11	13	6
\$100 to \$119	...	...	...	...	304	179	67	28	12	10	8	-
\$120 to \$149	...	...	...	...	205	179	24	27	12	10	53	-
\$150 to \$199	...	...	...	...	74	25	13	-	12	5	19	-
\$200 to \$299	...	...	...	...	12	3	-	-	-	-	9	-
\$300 or more	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent	...	...	...	...	225	210	15	-	-	-	-	-
Median	...	...	...	...	\$72	\$72	\$69	\$86	\$85	\$50	\$127	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water	11	11	-	-	13	-	6	7	-	-	-	-
Warm-air furnace	426	376	11	39	336	36	34	20	5	176	58	7
Built-in electric units	102	102	-	-	153	34	13	13	19	36	38	-
Floor, wall, or pipeless furnace	234	229	-	5	68	45	-	19	-	4	-	-
Other means	2 601	2 475	76	50	2 683	1 887	492	132	84	44	33	11
None	23	19	-	4	71	42	22	-	-	-	7	-
<b>AIR CONDITIONING</b>												
Room unit(s)	508	473	-	35	224	99	42	25	21	20	17	-
Central system	176	160	16	-	112	9	19	15	7	14	48	-
None	2 710	2 568	55	87	3 011	1 972	536	124	76	237	48	18
<b>AUTOMOBILES AVAILABLE</b>												
1	1 355	1 255	47	53	1 312	732	232	112	59	102	57	18
2	1 054	1 027	7	20	260	191	24	7	12	-	26	-
3 or more	200	188	-	12	38	32	-	-	-	6	-	-
None	785	731	17	37	1 737	1 125	341	45	33	163	30	-

<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>	<b>3 397</b>	<b>56</b>	<b>243</b>	<b>391</b>	<b>912</b>	<b>323</b>	<b>138</b>	<b>57</b>	<b>489</b>	<b>242</b>	<b>287</b>	<b>259</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>	<b>2 411</b>											
<i>With all plumbing facilities</i>	1 128	43	184	295	722	237	92	33	333	130	225	117
0.50 or less	891	14	16	41	273	145	52	19	140	84	225	117
0.51 to 1.00	238	24	119	189	253	77	40	6	142	41	-	-
1.01 to 1.50	154	-	28	50	100	10	-	8	37	5	-	-
1.51 or more	986	5	19	15	96	5	-	-	14	-	-	-
<i>Lacking some or all plumbing facilities</i>	423	13	59	96	190	86	46	24	156	112	62	142
0.50 or less	378	4	-	16	39	46	5	19	41	61	58	134
0.51 to 1.00	110	4	38	46	86	32	32	-	92	36	4	8
1.01 to 1.50	70	5	5	16	54	-	5	5	19	11	-	-
1.51 or more		5	16	18	11	8	4	-	4	4	-	-
<b>UNITS IN STRUCTURE</b>	<b>3 212</b>	<b>43</b>	<b>228</b>	<b>381</b>	<b>880</b>	<b>303</b>	<b>138</b>	<b>57</b>	<b>460</b>	<b>215</b>	<b>260</b>	<b>247</b>
1	87	4	5	-	10	10	-	-	16	19	11	12
2 or more	98	9	10	10	22	10	-	-	13	8	16	-
Mobile home or trailer												
<b>INCOME IN 1969</b>	<b>813</b>											
Less than \$2,000	297	14	15	10	38	36	35	-	59	27	35	28
\$2,000 to \$2,999	386	-	27	33	92	36	26	4	88	23	53	4
\$3,000 to \$3,999	294	18	35	44	55	24	17	13	58	24	6	-
\$4,000 to \$4,999	252	9	15	16	103	16	24	-	23	24	22	-
\$5,000 to \$5,999	228	5	38	25	93	17	6	6	31	-	7	-
\$6,000 to \$6,999	536	10	82	96	231	17	19	6	45	6	19	5
\$7,000 to \$9,999	353	-	17	104	138	27	5	-	34	4	24	-
\$10,000 to \$14,999	213	-	11	43	121	8	-	-	8	10	12	-
\$15,000 to \$24,999	25	-	-	10	10	5	-	-	-	-	-	-
\$25,000 or more	\$ 700	...	\$ 700	\$ 800	\$ 7 600	\$ 2 700	\$ 4 100	...	\$ 3 500	\$ 2 000	\$ 3 000	\$ 2000-
Median												
<b>VALUE-INCOME RATIO</b>	<b>2 920</b>											
<i>Specified owner occupied<sup>1</sup></i>	1 154	38	228	361	797	254	133	46	408	184	250	221
Less than 1.5	411	10	156	227	458	81	30	-	117	15	56	4
1.5 to 1.9	237	14	22	68	141	27	33	8	50	13	26	9
2.0 to 2.4	161	-	23	16	63	16	12	11	48	27	21	-
2.5 to 2.9	262	9	6	25	47	5	10	-	35	21	12	-
3.0 to 3.9	634	5	11	15	34	25	12	-	50	16	35	55
4.0 or more	61	7	7	10	54	95	36	27	100	76	85	139
Not computed		3	-	-	-	5	-	-	8	16	15	14
<b>Renter occupied housing units</b>	<b>3 324</b>	<b>283</b>	<b>410</b>	<b>210</b>	<b>432</b>	<b>145</b>	<b>172</b>	<b>35</b>	<b>875</b>	<b>91</b>	<b>490</b>	<b>181</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>	<b>1 890</b>											
<i>With all plumbing facilities</i>	623	231	296	117	222	67	128	5	497	20	258	49
0.50 or less	806	56	24	28	62	23	36	5	85	6	254	44
0.51 to 1.00	315	140	159	29	85	20	81	-	278	5	4	5
1.01 to 1.50	146	35	87	39	48	24	6	-	76	-	-	-
1.51 or more	1 434	26	21	27	27	-	5	-	58	9	-	-
<i>Lacking some or all plumbing facilities</i>	484	52	114	93	210	78	44	30	378	71	232	132
0.50 or less	508	-	6	-	35	27	10	6	39	19	220	122
0.51 to 1.00	255	20	30	43	87	35	25	18	180	48	12	10
1.01 to 1.50	187	18	50	40	46	4	5	6	86	-	-	-
1.51 or more		14	28	10	42	12	4	-	73	4	-	-
<b>UNITS IN STRUCTURE</b>	<b>2 044</b>	<b>118</b>	<b>227</b>	<b>143</b>	<b>328</b>	<b>111</b>	<b>67</b>	<b>29</b>	<b>559</b>	<b>80</b>	<b>255</b>	<b>127</b>
1	758	72	133	53	80	20	50	-	130	11	174	35
2 to 4	368	50	30	5	15	14	19	6	169	-	51	9
5 to 19	136	36	14	9	9	-	36	-	17	-	10	5
20 or more	18	7	6	-	-	-	-	-	-	-	-	5
Mobile home or trailer												
<b>GROSS RENT</b>	<b>3 171</b>	<b>283</b>	<b>390</b>	<b>195</b>	<b>373</b>	<b>136</b>	<b>172</b>	<b>23</b>	<b>847</b>	<b>91</b>	<b>480</b>	<b>181</b>
<i>Specified renter occupied<sup>2</sup></i>	657	28	31	12	52	45	20	5	193	31	152	88
Less than \$50	325	14	32	35	33	8	14	7	109	6	59	8
\$50 to \$59	412	28	55	26	77	13	6	-	155	10	33	9
\$60 to \$69	374	34	60	18	27	28	27	-	88	6	69	17
\$70 to \$79	583	78	99	45	51	15	18	11	147	13	92	14
\$80 to \$99	304	33	73	23	49	7	34	-	53	-	21	11
\$100 to \$119	205	49	36	9	21	-	30	-	44	-	16	-
\$120 to \$149	74	12	4	-	11	-	15	-	23	-	9	-
\$150 to \$199	12	-	-	3	-	-	4	-	5	-	-	-
\$200 to \$299	-	-	-	-	-	-	-	-	-	-	-	-
\$300 or more	225	7	-	24	52	20	4	-	30	25	29	34
No cash rent												
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>	<b>3 171</b>	<b>283</b>	<b>390</b>	<b>195</b>	<b>373</b>	<b>136</b>	<b>172</b>	<b>23</b>	<b>847</b>	<b>91</b>	<b>480</b>	<b>181</b>
<i>Specified renter occupied<sup>2</sup></i>	2 252	179	170	82	192	104	133	23	710	82	401	176
Less than \$5,000	354	27	57	22	50	19	6	-	110	5	47	11
Less than 20 percent	239	26	24	17	26	8	13	-	68	6	51	-
20 to 24 percent	390	15	46	15	35	14	24	6	132	12	71	20
25 to 34 percent	1 003	99	43	14	45	43	85	17	349	28	187	93
35 percent or more	266	12	-	14	36	20	5	-	51	31	45	52
Not computed	764	104	184	97	118	19	26	-	128	9	74	5
\$5,000 to \$9,999	598	82	132	74	99	19	10	-	99	9	69	5
Less than 20 percent	90	11	36	6	14	-	12	-	6	-	5	-
20 to 24 percent	48	11	16	3	-	-	-	-	18	-	-	-
25 to 34 percent	-	-	-	-	-	-	-	-	-	-	-	-
35 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	28	-	-	14	5	-	4	-	5	-	-	-
\$10,000 to \$14,999	109	-	36	9	33	9	13	-	9	-	-	-
Less than 20 percent	105	-	36	5	33	9	13	-	9	-	-	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	4	-	-	4	-	-	-	-	-	-	-	-
Not computed	46	-	-	7	30	4	-	-	-	-	5	-
\$15,000 or more	35	-	-	7	19	4	-	-	-	-	5	-
Less than 20 percent	-	-	-	-	-	-	-	-	-	-	-	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	11	-	-	-	11	-	-	-	-	-	-	-

<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>3 397</b>	<b>546</b>	<b>762</b>	<b>501</b>	<b>551</b>	<b>334</b>	<b>304</b>	<b>140</b>	<b>259</b>	<b>3.3</b>
<b>BEDROOMS</b>										
None and 1 .....	366	160	103	-	67	14	-	-	22	...
2 .....	902	259	185	210	125	36	19	22	46	2.5
3 .....	1 575	176	181	296	294	252	160	44	172	4.0
4 or more .....	543	76	121	55	51	34	121	-	85	3.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	67	4	8	22	10	4	7	5	7	...
1965 to 1968 .....	391	47	70	64	97	32	30	28	23	3.6
1960 to 1964 .....	589	49	88	84	96	90	53	48	81	4.3
1950 to 1959 .....	916	143	192	120	147	127	99	25	63	3.5
1940 to 1949 .....	732	137	219	117	96	39	50	16	58	2.6
1939 or earlier .....	702	166	185	94	105	42	65	18	27	2.5
<b>UNITS IN STRUCTURE</b>										
1 .....	3 212	507	706	478	520	330	300	130	241	3.3
2 or more .....	87	23	21	4	26	4	-	-	9	...
Mobile home or trailer .....	98	16	35	19	5	-	4	10	9	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	2 134	280	530	335	422	191	138	99	139	3.3
2 and 2 1/2 .....	245	36	52	26	34	50	16	27	4	3.8
3 or more .....	35	-	13	5	6	11	-	-	-	...
None or also used by another household .....	980	190	223	106	85	93	149	44	90	3.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>2 851</b>	<b>...</b>	<b>762</b>	<b>501</b>	<b>551</b>	<b>334</b>	<b>304</b>	<b>140</b>	<b>259</b>	<b>3.8</b>
Male head, wife present, no nonrelatives .....	1 925	...	427	328	369	255	232	117	197	4.1
Under 25 years .....	56	...	4	14	20	8	-	5	5	...
25 to 34 years .....	243	...	5	33	84	58	30	11	22	4.5
35 to 44 years .....	391	...	49	45	95	68	60	29	45	4.6
45 to 64 years .....	912	...	192	186	119	110	121	72	112	4.2
65 years and over .....	323	...	177	50	51	11	21	-	13	2.4
Other male head .....	195	...	86	38	29	10	14	-	18	2.8
Under 65 years .....	138	...	53	33	23	10	14	-	5	3.0
65 years and over .....	57	...	33	5	6	-	-	-	13	...
Female head .....	731	...	249	135	153	69	58	23	44	3.4
Under 65 years .....	489	...	138	81	131	38	48	23	30	3.7
65 years and over .....	242	...	111	54	22	31	10	-	14	2.7
<b>One-person households</b> .....	<b>546</b>	<b>546</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner-occupied<sup>1</sup></b> .....	<b>2 920</b>	<b>471</b>	<b>648</b>	<b>446</b>	<b>457</b>	<b>299</b>	<b>261</b>	<b>113</b>	<b>225</b>	<b>3.3</b>
Less than 1.5 .....	1 154	60	174	202	196	162	151	63	146	4.2
1.5 to 1.9 .....	411	35	70	60	97	43	52	20	34	3.9
2.0 to 2.4 .....	237	21	71	30	27	26	24	17	21	3.4
2.5 to 2.9 .....	161	12	49	16	39	17	8	9	11	3.6
3.0 to 3.9 .....	262	90	51	42	48	8	14	9	9	2.3
4.0 or more .....	634	224	215	85	50	40	12	4	4	1.9
Not computed .....	61	29	18	11	-	3	-	-	-	...
<b>Renter occupied housing units</b> .....	<b>3 324</b>	<b>671</b>	<b>793</b>	<b>622</b>	<b>373</b>	<b>287</b>	<b>212</b>	<b>215</b>	<b>151</b>	<b>2.8</b>
<b>BEDROOMS</b>										
None .....	68	50	-	18	-	-	-	-	-	...
1 .....	893	339	283	78	85	25	43	-	40	1.9
2 .....	1 614	256	391	416	170	149	83	107	42	2.9
3 or more .....	745	46	141	80	68	145	79	126	60	4.8
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	134	-	6	24	46	27	21	10	-	4.3
1965 to 1968 .....	357	31	125	82	21	61	23	10	4	2.8
1960 to 1964 .....	302	65	74	98	15	17	14	15	4	2.6
1950 to 1959 .....	714	161	122	117	120	56	51	46	41	3.1
1940 to 1949 .....	862	196	226	145	73	61	52	61	48	2.6
1939 or earlier .....	955	218	240	156	98	65	51	73	54	2.6
<b>UNITS IN STRUCTURE</b>										
1 .....	2 044	382	478	380	189	168	126	181	140	2.9
2 .....	567	164	126	96	82	31	33	24	11	2.4
3 and 4 .....	191	45	50	22	32	29	13	-	-	2.5
5 to 9 .....	108	30	31	30	7	10	-	-	-	2.3
10 to 19 .....	260	30	45	57	45	37	36	10	-	3.5
20 or more .....	136	15	56	31	18	12	4	-	-	2.4
Mobile home or trailer .....	18	5	7	6	-	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	1 777	291	444	377	194	192	115	81	83	2.9
2 or more .....	19	-	-	6	-	6	-	-	7	...
None or also used by another household .....	1 551	411	338	262	175	75	97	124	69	2.6
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>2 653</b>	<b>...</b>	<b>793</b>	<b>622</b>	<b>373</b>	<b>287</b>	<b>212</b>	<b>215</b>	<b>151</b>	<b>3.4</b>
Male head, wife present, no nonrelatives .....	1 480	...	437	335	182	159	127	125	115	3.4
Under 25 years .....	283	...	126	83	17	36	12	9	-	2.7
25 to 34 years .....	410	...	57	108	99	44	47	24	31	3.9
35 to 44 years .....	210	...	32	29	25	26	32	28	38	5.2
45 to 64 years .....	432	...	158	73	41	43	27	57	33	3.3
65 years and over .....	145	...	64	42	-	10	9	7	13	2.7
Other male head .....	207	...	104	67	25	6	5	-	-	2.5
Under 65 years .....	172	...	88	60	13	6	5	-	-	2.5
65 years and over .....	35	...	16	7	-	-	-	-	-	...
Female head .....	966	...	252	220	166	122	80	90	36	3.6
Under 65 years .....	875	...	220	202	142	113	80	90	28	3.6
65 years and over .....	91	...	32	18	24	9	-	-	8	...
<b>One-person households</b> .....	<b>671</b>	<b>671</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>3 171</b>	<b>661</b>	<b>771</b>	<b>606</b>	<b>357</b>	<b>271</b>	<b>188</b>	<b>194</b>	<b>123</b>	<b>2.8</b>
Less than 10 percent .....	188	25	46	37	29	4	27	10	10	3.1
10 to 14 percent .....	392	56	73	75	49	55	35	27	22	3.4
15 to 19 percent .....	512	56	135	105	79	45	44	30	18	3.1
20 to 24 percent .....	329	56	70	59	44	50	-	41	9	3.2
25 to 34 percent .....	438	91	46	101	52	55	39	34	20	3.3
35 percent or more .....	1 003	280	328	202	63	26	38	36	30	2.2
Not computed .....	309	97	73	27	41	36	5	16	14	2.3

<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)

Tallahassee	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>	10 434	366	619	862	1 258	1 388	2 000	1 549	1 456	683	253	16 600
<b>ROOMS</b>												
1 and 2 rooms	82	29	11	-	12	13	12	5	-	-	-	...
3 rooms	232	69	38	14	56	7	13	6	6	-	-	9 300
4 rooms	789	98	169	194	24	76	116	29	19	-	-	9 200
5 rooms	2 894	90	151	380	589	555	663	249	155	32	30	13 600
6 rooms	3 100	51	147	190	377	542	738	601	334	103	17	16 600
7 rooms	1 757	31	57	60	88	156	326	426	422	174	17	21 900
8 rooms or more	1 580	4	46	24	42	39	121	227	520	368	189	30 500
Median	5.9	4.4	5.1	5.1	5.3	5.6	5.8	6.3	7.0	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	1 260	95	161	151	113	170	250	106	116	64	34	14 100
2 persons	2 967	131	130	289	387	409	576	463	384	158	40	16 000
3 persons	1 901	55	93	136	218	308	413	243	221	138	76	16 400
4 persons	2 087	39	87	159	209	305	373	415	312	140	48	18 400
5 persons	1 201	20	32	57	161	146	236	193	272	73	31	19 200
6 persons or more	1 018	46	116	70	170	50	152	129	151	110	24	16 800
Median	3.0	2.2	2.7	2.5	3.1	2.9	3.3	3.5	3.4	3.4	3.2	...
Units with roomers, boarders, or lodgers	268	4	32	51	35	34	44	16	33	10	9	13 400
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	10 035	171	545	832	1 216	1 374	1 980	1 533	1 448	683	253	16 900
0.50 or less	5 655	116	320	488	565	759	1 072	795	862	477	201	17 400
0.51 to 1.00	3 940	36	132	282	534	596	834	702	566	206	52	17 000
1.01 to 1.50	3 333	14	45	53	77	15	69	31	9	-	-	11 100
1.51 or more	107	5	28	9	40	4	5	11	-	-	-	10 700
<b>Lacking some or all plumbing facilities</b>	399	195	74	30	42	14	20	16	8	-	-	5 200
0.50 or less	216	92	34	21	28	9	14	10	8	-	-	6 200
0.51 to 1.00	129	83	25	4	6	5	6	-	-	-	-	5000-
1.01 to 1.50	42	12	15	5	4	-	-	-	-	-	-	...
1.51 or more	12	8	-	-	4	-	-	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	317	116	62	46	22	19	-	52	-	-	-	...
2	2 137	200	223	327	418	306	311	171	181	-	-	11 900
3	5 951	84	145	479	795	1 134	1 063	1 208	713	287	43	16 300
4 or more	1 998	20	187	66	64	75	239	343	475	375	154	25 100
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	279	-	-	-	17	7	43	86	79	36	11	24 200
1965 to 1968	1 220	6	11	22	65	59	278	243	333	160	43	23 500
1960 to 1964	2 124	14	35	145	243	296	442	379	346	167	57	18 200
1950 to 1959	3 662	75	203	346	474	586	768	566	408	168	68	15 900
1940 to 1949	1 787	134	220	183	300	341	228	163	142	60	16	12 900
1939 or earlier	1 362	137	150	166	159	99	241	112	148	92	58	14 200
<b>COMPLETE BATHROOMS</b>												
1 and 1/2	5 872	174	496	807	1 131	1 259	1 301	414	170	92	28	13 200
2 and 2 1/2	3 646	7	24	13	68	82	761	1 021	1 148	447	75	24 300
3 or more	557	-	-	-	9	13	13	31	194	152	158	38 100
None or also used by another household	403	154	104	40	45	18	21	15	6	-	-	6 100
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	9 174	271	458	711	1 145	1 218	1 750	1 443	1 340	619	219	17 000
Male head, wife present, no nonrelatives	7 711	141	283	514	955	1 030	1 501	1 281	1 242	535	189	18 000
Under 25 years	196	16	-	29	50	32	44	25	-	-	-	12 700
25 to 34 years	1 519	18	15	103	221	283	316	294	218	41	10	16 800
35 to 44 years	1 701	16	55	72	157	194	338	296	342	172	59	20 300
45 to 64 years	3 461	66	171	247	422	393	658	568	564	277	95	18 200
65 years and over	834	25	42	63	105	128	145	138	118	45	25	17 000
Other male head	280	39	31	47	26	36	49	20	9	13	10	12 200
Under 65 years	202	30	18	34	15	36	39	15	5	5	10	12 800
65 years and over	78	9	13	13	11	-	10	9	9	-	-	...
Female head	1 183	91	144	150	164	152	200	102	89	71	20	13 200
Under 65 years	897	62	109	124	107	146	160	75	64	45	5	13 300
65 years and over	286	29	35	26	57	6	40	27	25	26	15	12 300
<b>One-person households</b>	1 260	95	161	151	113	170	250	106	116	64	34	14 100
Under 65 years	700	45	97	89	74	111	122	86	40	36	-	13 500
65 years and over	560	50	64	62	39	59	128	20	76	28	34	15 200
<b>INCOME IN 1969</b>												
Less than \$2,000	877	143	123	144	114	99	116	50	41	31	16	10 600
\$2,000 to \$2,999	315	65	45	21	41	39	48	30	16	5	5	11 600
\$3,000 to \$3,999	450	58	79	79	57	70	72	19	11	-	5	10 400
\$4,000 to \$4,999	443	43	63	73	79	77	47	47	23	-	9	11 900
\$5,000 to \$5,999	582	21	64	65	117	74	122	59	30	30	-	13 300
\$6,000 to \$6,999	454	-	53	57	106	103	77	33	17	8	-	12 800
\$7,000 to \$9,999	1 694	35	122	220	255	274	364	242	119	33	30	14 500
\$10,000 to \$14,999	2 743	19	42	152	390	492	655	491	364	122	16	17 000
\$15,000 to \$24,999	2 106	-	28	51	91	140	439	483	610	224	40	23 100
\$25,000 or more	770	-	-	-	8	20	60	95	225	230	132	34 000
Median	\$10 700	\$2 600	\$5 000	\$6 900	\$8 400	\$9 500	\$11 200	\$13 000	\$16 800	\$20 000	\$26 500	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 296	25	17	63	140	212	245	252	225	77	40	18 700
1968	897	-	41	61	72	86	250	118	215	38	16	18 800
1967	544	-	13	42	67	76	88	93	72	93	-	18 800
1965 and 1966	1 126	28	50	87	94	114	229	236	207	66	15	18 900
1960 to 1964	2 087	55	63	159	328	253	416	272	313	160	68	16 800
1950 to 1959	3 081	151	263	262	384	400	601	401	357	192	70	15 600
1949 or earlier	1 447	76	177	186	159	227	267	109	129	65	52	13 900
<b>HEATING EQUIPMENT</b>												
Steam or hot water	73	-	6	-	-	4	10	5	14	17	17	...
Warm-air furnace	4 926	17	37	74	237	310	949	1 187	1 320	579	216	23 500
Built-in electric units	208	-	14	16	25	60	43	10	17	23	-	14 500
Floor, wall, or pipeless furnace	1 395	-	34	108	263	348	430	162	26	24	-	14 600
Other means	3 828	345	528	664	733	666	568	185	79	40	20	11 300
None	4	4	-	-	-	-	-	-	-	-	-	...
<b>AIR CONDITIONING</b>												
Room unit(s)	4 200	36	174	322	645	835	1 222	485	330	105	46	15 300
Central system	3 337	6	6	-	121	118	528	830	1 069	479	180	25 600
None	2 941	293	444	538	478	415	346	166	119	107	35	11 000

<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]

**Tallahassee**

	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>10 492</b>	<b>692</b>	<b>362</b>	<b>507</b>	<b>667</b>	<b>1 758</b>	<b>1 533</b>	<b>1 934</b>	<b>1 793</b>	<b>913</b>	<b>24</b>	<b>309</b>	<b>114</b>
<b>ROOMS</b>													
1 room	378	85	23	43	23	10	122	38	4	5	5	20	85
2 rooms	1 177	127	51	51	93	338	147	232	103	14	—	21	92
3 rooms	2 925	241	151	194	236	528	303	600	567	65	—	40	106
4 rooms	3 096	126	88	122	162	532	612	572	483	319	5	75	116
5 rooms	1 764	95	35	51	105	214	241	315	348	305	10	45	131
6 rooms	862	18	14	46	42	121	94	125	218	140	—	44	138
7 rooms	203	—	—	—	6	15	9	46	55	40	—	32	159
8 rooms or more	87	—	—	—	—	—	5	6	15	25	4	—	—
Median	3.7	3.1	3.2	3.3	3.4	3.5	3.8	3.7	4.0	4.7	...	4.5	...
<b>PERSONS</b>													
1 person	2 652	323	103	119	196	488	364	417	393	114	10	125	102
2 persons	3 743	142	108	122	188	665	543	943	718	252	5	57	122
3 persons	1 945	90	54	107	85	306	377	308	334	253	—	31	117
4 persons	1 090	54	45	48	87	119	125	138	225	200	—	49	129
5 persons	517	47	22	23	45	68	63	78	62	67	5	37	111
6 persons or more	545	36	30	88	66	112	61	50	61	27	4	10	88
Median	2.2	1.7	2.2	2.6	2.2	2.1	2.2	2.1	2.2	2.9	...	2.0	...
Units with roomers, boarders, or lodgers	761	18	27	27	20	60	104	241	167	90	—	7	135
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>													
0.50 or less	4 035	112	70	75	238	692	563	861	849	908	24	266	122
0.51 to 1.00	4 584	117	65	136	228	820	763	977	884	478	14	102	123
1.01 to 1.50	439	28	17	24	67	84	88	54	54	23	—	—	100
1.51 or more	203	11	6	33	16	38	57	32	4	—	—	6	97
<b>Lacking some or all plumbing facilities</b>													
0.50 or less	440	203	204	239	118	124	62	10	2	5	—	43	58
0.51 to 1.00	468	149	62	59	27	48	24	—	—	—	—	17	51
1.01 to 1.50	175	37	28	38	23	30	14	—	—	—	—	21	58
1.51 or more	148	35	19	36	34	14	5	—	—	—	—	5	65
<b>BEDROOMS</b>													
None	345	25	21	47	—	19	110	60	—	21	—	42	...
1	3 875	173	147	199	361	908	353	921	716	—	—	97	106
2	4 649	289	126	236	314	784	775	805	695	527	22	76	114
3 or more	1 531	68	65	58	58	106	123	215	357	269	22	190	147
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	716	70	28	10	5	4	7	86	307	176	5	18	173
1965 to 1968	2 251	71	13	42	39	104	307	499	681	428	10	57	152
1960 to 1964	1 460	9	8	36	94	295	287	405	189	85	9	43	119
1950 to 1959	2 292	99	53	86	164	522	428	445	328	97	—	70	109
1940 to 1949	1 947	155	126	135	206	408	312	314	187	68	—	36	96
1939 or earlier	1 826	288	134	198	159	425	192	185	101	59	—	85	84
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	82	—	—	—	—	19	—	42	—	—	—	21	...
With elevator	40	—	—	—	—	19	—	—	—	—	—	21	...
Walk-up	42	—	—	—	—	—	—	—	—	—	—	—	...
1 to 3 floors	10 318	555	359	540	733	1 798	1 361	1 959	1 768	817	44	384	114
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	8 608	247	132	247	495	1 598	1 514	1 851	1 722	635	5	162	120
2 or more	517	11	—	—	7	12	6	39	95	285	12	50	222
None or also used by another household	1 416	468	241	273	123	118	88	31	5	7	—	42	58
<b>INCOME IN 1969</b>													
Less than \$2,000	2 797	327	145	174	158	364	370	563	389	190	5	112	109
\$2,000 to \$2,999	915	139	58	31	87	190	118	129	132	26	5	—	94
\$3,000 to \$3,999	1 066	94	55	74	97	288	170	156	74	42	—	16	93
\$4,000 to \$4,999	935	39	30	100	83	210	156	136	93	58	5	25	99
\$5,000 to \$5,999	859	35	39	50	55	175	145	196	123	31	—	10	110
\$6,000 to \$6,999	748	24	—	30	64	161	158	109	130	49	—	23	111
\$7,000 to \$9,999	1 435	20	25	26	71	253	248	362	289	92	—	49	124
\$10,000 to \$14,999	1 050	14	10	4	47	92	126	195	364	157	—	41	152
\$15,000 to \$24,999	539	—	—	7	5	25	37	73	160	209	5	18	185
\$25,000 or more	148	—	—	11	—	—	5	15	39	59	4	15	196
Median	\$4 500	\$2 100	\$2 600	\$3 700	\$3 900	\$4 200	\$4 700	\$4 900	\$6 700	\$9 000	...	\$5 200	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	6 498	297	171	129	272	846	1 030	1 432	1 459	772	12	78	130
1968	1 373	83	17	93	71	308	182	276	215	109	5	14	112
1967	553	54	31	21	42	148	96	68	45	40	—	8	97
1965 and 1966	652	56	19	79	98	110	134	86	54	6	—	10	92
1960 to 1964	762	105	87	68	79	177	101	48	32	—	—	65	81
1950 to 1959	457	51	29	90	44	120	59	11	9	—	—	44	78
1949 or earlier	246	100	19	40	19	19	6	—	8	—	—	35	53
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	498	83	35	32	60	94	47	62	50	31	4	...	89
10 to 14 percent	1 194	88	54	83	110	222	173	148	195	121	—	...	105
15 to 19 percent	1 591	120	35	120	112	297	223	269	287	128	—	...	110
20 to 24 percent	1 249	60	39	56	64	208	209	221	243	129	—	...	117
25 to 34 percent	1 449	105	34	37	108	342	230	288	208	92	5	...	109
35 percent or more	3 881	217	125	158	199	563	619	879	737	374	10	...	122
Not computed	630	19	20	21	14	32	32	67	73	38	5	309	130
<b>AIR CONDITIONING</b>													
Room unit(s)	3 776	36	31	19	101	658	927	1 077	660	191	—	76	122
Central system	2 242	19	—	7	17	5	38	413	973	687	17	66	180
None	4 523	691	342	494	507	1 065	643	431	189	49	—	112	83

<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]

Tallahassee	Total	Less than	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000	Median
		\$2,000	to \$2,999	to \$3,999	to \$4,999	to \$5,999	to \$6,999	to \$9,999	to \$14,999	to \$24,999	or more	(dollars)
<b>Owner occupied housing units</b>	11 476	978	351	548	549	641	555	1 890	2 986	2 175	803	10 400
<b>ROOMS</b>												
1 and 2 rooms	121	38	16	11	12	5	12	-	17	10	-	3 600
3 rooms	422	63	32	45	51	59	29	74	52	12	5	5 300
4 rooms	1 150	176	70	151	112	53	69	240	185	75	19	6 200
5 rooms	3 146	299	127	156	142	246	229	609	939	330	69	8 800
6 rooms	3 187	264	21	103	146	175	163	572	1 014	627	102	10 700
7 rooms or more	3 450	138	85	82	86	103	53	395	779	1 121	608	15 000
<b>PERSONS</b>												
1 person	1 439	488	83	213	96	161	57	175	122	44	-	3 700
2 persons	3 387	291	153	230	231	202	189	541	845	481	224	9 200
3 and 4 persons	4 348	155	80	77	144	196	204	837	1 366	960	329	11 800
5 persons	1 273	27	5	8	33	42	54	192	400	385	127	13 400
6 persons or more	1 029	17	30	20	45	40	51	145	253	305	123	13 300
Units with roomers, boarders, or lodgers	321	80	38	31	40	15	15	48	32	18	4	4 300
<b>BEDROOMS</b>												
Less than 3	3 208	510	212	357	224	154	239	500	642	289	81	6 600
3	6 123	443	80	223	248	311	306	1 010	1 827	1 354	321	11 200
4 or more	2 042	139	47	40	62	61	67	158	504	558	406	14 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	445	5	24	10	45	34	32	71	117	102	5	10 100
1960 to 1968	3 800	149	47	136	98	139	193	694	1 154	878	312	11 900
1950 to 1959	3 828	225	125	123	155	210	210	677	1 047	753	303	10 900
1949 or earlier	3 403	599	155	279	251	258	120	448	668	442	183	7 300
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 637	56	87	67	77	82	101	351	511	256	49	10 000
1968	1 039	30	12	41	23	48	48	256	313	210	58	11 000
1960 to 1967	4 039	257	81	158	121	185	214	653	1 174	836	360	11 500
1959 or earlier	4 771	574	184	245	323	342	174	695	1 033	868	333	9 300
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	8 610	379	196	220	322	368	442	1 326	2 719	1 935	703	11 900
Clothes dryer	4 598	130	42	83	58	123	142	629	1 509	1 313	569	13 600
Dishwasher	3 820	161	-	62	127	42	63	376	1 216	1 106	667	14 400
Home food freezer	3 850	150	59	119	100	192	118	481	1 240	960	431	12 800
Owned second home	4 002	100	23	14	38	46	19	125	290	109	238	12 300
With air conditioning	8 260	333	171	218	279	383	339	1 358	2 518	1 929	732	12 100
Room unit(s)	4 693	243	124	186	234	307	240	960	1 528	710	161	10 200
Central system	3 567	90	47	32	45	76	99	398	1 219	990	571	15 100
Automobiles available:												
1	4 448	445	216	301	326	451	340	909	946	454	60	7 500
2	5 246	75	40	48	141	119	179	894	1 880	1 315	535	12 900
3 or more	1 017	30	29	8	5	28	11	101	199	401	205	17 400
<b>Renter occupied housing units</b>	10 579	2 814	925	1 076	940	865	753	1 441	1 055	562	148	4 500
<b>ROOMS</b>												
1 room	378	178	61	43	17	27	16	15	10	5	6	2 200
2 rooms	1 192	351	159	166	84	81	84	148	88	31	11	3 500
3 rooms	2 941	988	273	342	348	255	206	241	176	99	11	3 600
4 rooms	3 102	704	243	354	268	294	222	520	327	139	31	4 900
5 rooms	1 787	417	116	89	133	144	107	307	231	151	47	6 000
6 rooms or more	1 179	176	71	82	90	64	73	210	223	137	53	7 500
<b>PERSONS</b>												
1 person	2 652	1 030	267	253	268	199	147	193	200	78	17	3 100
2 persons	3 781	1 066	351	399	268	333	235	557	330	176	66	4 300
3 and 4 persons	3 056	607	221	253	285	259	292	500	404	191	44	5 600
5 persons	522	51	39	64	53	28	34	115	58	75	5	6 800
6 persons or more	568	60	47	107	66	46	45	76	63	42	16	5 100
Units with roomers, boarders, or lodgers	773	455	95	85	36	19	39	14	25	-	5	2000-
<b>BEDROOMS</b>												
None	345	242	60	22	-	-	21	-	-	-	-	...
1	3 937	1 318	394	549	435	296	212	320	337	76	-	3 500
2	4 669	1 142	419	494	434	248	389	846	429	162	106	4 600
3 or more	1 593	274	142	106	42	111	99	262	260	177	120	7 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	716	142	52	45	58	43	62	92	103	94	25	6 300
1960 to 1968	3 738	968	331	312	306	280	247	546	457	243	48	4 800
1950 to 1959	2 308	468	138	262	223	246	190	408	223	118	32	5 300
1949 or earlier	3 817	1 236	404	457	353	296	254	395	272	107	43	3 600
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	6 518	1 806	623	568	558	574	429	858	674	392	36	4 500
1968	1 381	113	170	130	132	142	142	226	158	117	17	5 800
1960 to 1967	1 982	466	115	280	158	179	195	290	184	74	41	4 800
1959 or earlier	722	283	53	46	111	49	32	58	50	20	20	3 500
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	10 492	2 797	915	1 066	935	859	748	1 435	1 050	539	148	4 500
Less than 15 percent	1 692	-	11	28	54	111	111	383	466	395	133	11 600
15 to 19 percent	1 591	6	48	93	155	150	216	469	349	105	-	7 800
20 to 24 percent	1 249	4	80	128	142	176	160	370	173	16	-	6 600
25 to 34 percent	1 449	81	116	325	305	297	151	148	21	5	-	4 700
35 percent or more	3 881	2 273	660	476	254	115	87	16	-	-	-	2000-
Not computed	630	433	-	16	25	10	23	49	41	18	15	2000-
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	1 984	284	141	102	78	107	149	559	338	107	119	7 700
Clothes dryer	914	173	43	19	59	23	88	162	178	71	98	8 000
Dishwasher	1 657	400	86	131	88	44	57	179	357	168	147	7 400
Home food freezer	759	112	62	163	21	60	19	124	122	18	58	5 400
Owned second home	608	143	82	123	-	26	23	69	60	46	36	3 600
With air conditioning	6 053	1 353	370	463	417	530	515	925	829	549	87	5 800
Room unit(s)	3 796	895	229	345	288	374	333	602	441	241	48	5 400
Central system	2 242	458	141	118	129	156	182	323	388	308	39	6 700
Automobiles available:												
1	5 711	1 089	401	624	548	581	579	1 055	580	239	15	5 300
2	2 238	417	159	128	158	184	152	285	405	287	63	6 500
3 or more	437	125	47	36	54	-	15	18	49	64	29	4 200

<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)

Tallahassee

	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>	11 476	11 065	6 231	4 305	401	128	411	228	129	42	12
<b>PERSONS</b>											
1 person	1 439	1 354	1 354	-	-	-	85	73	12	-	-
2 persons	3 387	3 235	3 107	118	-	10	152	125	27	-	-
3 persons	2 154	2 110	1 259	829	18	4	44	21	23	-	-
4 persons	2 194	2 140	392	1 713	31	4	54	5	43	6	-
5 persons	1 273	1 260	119	1 046	58	37	13	4	5	-	4
6 persons or more	1 029	966	-	599	294	73	63	-	19	36	8
Median	2.9	2.9	2.1	4.2	6.2	6.7	2.3	1.8	3.6	...	...
Units with roomers, boarders, or lodgers	321	302	149	133	15	5	19	14	5	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	448	448	249	169	30	-	-	-	-	-	-
1965 to 1968	1 538	1 538	687	801	27	-	-	-	-	-	-
1960 to 1964	2 273	2 266	981	1 098	129	58	7	-	-	-	-
1950 to 1959	3 908	3 809	2 083	1 530	162	34	99	39	46	14	-
1940 to 1949	1 787	1 654	1 187	408	45	14	133	86	12	26	9
1939 or earlier	1 532	1 401	1 039	324	18	20	131	64	52	15	-
<b>INCOME IN 1969</b>											
Less than \$2,000	978	832	701	112	14	5	146	100	37	9	-
\$2,000 to \$2,999	351	288	203	73	7	5	63	46	17	-	-
\$3,000 to \$3,999	548	495	419	67	-	9	53	32	11	6	4
\$4,000 to \$4,999	549	505	356	123	21	5	44	14	17	5	8
\$5,000 to \$5,999	641	627	414	168	22	23	14	-	14	-	-
\$6,000 to \$6,999	555	541	285	193	42	21	14	5	9	-	-
\$7,000 to \$9,999	1 890	1 836	917	805	88	26	54	14	24	16	-
\$10,000 to \$14,999	2 986	2 976	1 399	1 444	113	20	10	4	-	6	-
\$15,000 to \$24,999	2 175	2 166	1 044	1 019	89	14	9	9	-	-	-
\$25,000 or more	803	799	493	301	5	-	4	4	-	-	-
Median	\$10 400	\$10 700	\$9 400	\$12 100	\$10 300	\$6 800	\$2 900	\$2 300	\$4 000	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	10 434	10 035	5 655	3 940	333	107	399	216	129	42	12
Less than 1.5	4 363	4 232	1 945	2 000	230	57	131	35	66	22	8
1.5 to 1.9	2 034	1 980	1 059	853	62	6	54	34	15	5	-
2.0 to 2.4	1 276	1 241	692	514	6	29	35	28	7	-	-
2.5 to 2.9	637	612	346	226	25	15	25	15	4	6	-
3.0 to 3.9	696	640	492	145	3	-	56	36	11	5	4
4.0 or more	1 311	1 219	1 024	188	7	-	92	62	26	4	-
Not computed	117	111	97	14	-	-	6	6	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	78	78	45	17	11	5	-	-	-	-	-
Warm-air furnace	5 630	5 598	3 202	2 257	124	15	32	29	3	-	-
Built-in electric units	217	209	135	52	13	9	8	8	-	-	-
Floor, wall, or pipeless furnace	1 449	1 449	808	576	57	8	-	-	-	-	-
Other means	4 098	3 731	2 041	1 403	196	91	367	191	122	42	12
None	4	-	-	-	-	-	4	-	4	-	-
<b>Renter occupied housing units</b>	10 579	9 332	4 053	4 619	457	203	1 247	440	468	191	148
<b>PERSONS</b>											
1 person	2 652	2 208	2 032	176	-	-	444	354	90	-	-
2 persons	3 781	3 554	1 746	1 734	-	74	227	58	154	-	15
3 persons	1 950	1 750	239	1 440	66	5	200	28	136	27	9
4 persons	1 106	981	33	841	95	12	125	-	69	33	23
5 persons	522	470	3	333	115	19	52	-	15	30	7
6 persons or more	568	369	-	95	181	93	199	-	4	101	94
Median	2.2	2.2	1.5	2.8	5.1	5.1	2.3	1.1	2.4	5.7	6.6
Units with roomers, boarders, or lodgers	773	711	233	439	26	13	62	20	29	-	13
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	720	720	341	317	49	13	-	-	-	-	-
1965 to 1968	2 179	2 148	804	1 231	43	50	31	21	-	-	-
1960 to 1964	1 482	1 456	480	844	106	26	-	8	18	-	5
1950 to 1959	2 370	2 146	976	1 039	86	45	224	70	85	33	36
1940 to 1949	1 994	1 596	814	684	69	29	398	153	137	70	38
1939 or earlier	1 858	1 218	645	456	81	36	640	194	275	89	82
<b>INCOME IN 1969</b>											
Less than \$2,000	2 814	2 280	1 135	1 019	50	76	534	274	202	30	28
\$2,000 to \$2,999	925	755	317	367	53	18	170	61	70	21	18
\$3,000 to \$3,999	1 076	885	352	422	65	46	191	41	65	46	39
\$4,000 to \$4,999	940	836	394	376	56	10	104	13	36	25	30
\$5,000 to \$5,999	865	791	355	363	52	21	74	16	29	29	-
\$6,000 to \$6,999	753	696	207	444	28	17	57	25	16	5	11
\$7,000 to \$9,999	1 441	1 351	553	724	64	10	90	10	33	35	12
\$10,000 to \$14,999	1 055	1 033	438	544	46	5	22	-	12	-	10
\$15,000 to \$24,999	562	562	218	308	36	-	-	-	-	-	-
\$25,000 or more	148	143	84	52	7	-	5	-	5	-	-
Median	\$4 500	\$4 900	\$4 600	\$5 300	\$5 100	\$3 200	\$2 500	\$2000-	\$2 500	\$4 000	\$3 700
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	10 492	9 261	4 035	4 584	439	203	1 231	440	468	175	148
Less than 10 percent	498	402	130	234	38	-	96	29	39	11	17
10 to 14 percent	1 194	1 073	389	568	74	42	121	20	48	40	13
15 to 19 percent	1 591	1 375	542	756	72	5	216	45	77	54	40
20 to 24 percent	1 249	1 141	490	593	42	16	108	17	53	12	26
25 to 34 percent	1 449	1 298	600	575	80	43	151	62	55	14	20
35 percent or more	3 881	3 413	1 559	1 644	119	91	468	236	165	39	28
Not computed	630	559	325	214	14	6	71	31	31	5	4
<b>HEATING EQUIPMENT</b>											
Steam or hot water	113	105	53	40	7	5	8	8	-	-	-
Warm-air furnace	2 647	2 577	1 150	1 286	100	41	70	14	52	-	4
Built-in electric units	1 306	1 299	556	668	25	50	7	-	7	-	-
Floor, wall, or pipeless furnace	984	966	412	529	20	5	18	9	-	-	9
Other means	5 429	4 345	1 877	2 074	296	98	1 084	404	371	181	128
None	100	40	5	22	9	4	60	5	38	10	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-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]

Tallahassee	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>	<b>11 476</b>	<b>26</b>	<b>95</b>	<b>422</b>	<b>1 150</b>	<b>3 146</b>	<b>3 187</b>	<b>1 813</b>	<b>1 637</b>	<b>5.8</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	11 041	12	73	379	1 021	3 120	3 075	1 769	1 592	5.8
<b>PERSONS</b>										
1 person	1 439	12	33	127	268	417	373	125	84	5.2
2 persons	3 387	10	40	105	457	1 165	907	455	248	5.4
3 persons	2 154	4	18	78	208	566	661	360	259	5.8
4 persons	2 194	-	4	37	105	524	660	467	397	6.1
5 persons	1 273	-	-	41	58	319	320	202	333	6.2
6 persons or more	1 029	-	-	34	54	155	266	204	316	6.5
Median	2.9	...	...	2.3	2.2	2.5	3.0	3.4	4.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	11 065	14	73	361	1 080	3 054	3 105	1 768	1 610	5.8
0.50 or less	6 231	-	18	100	692	1 512	1 900	920	1 089	5.9
0.51 to 1.00	4 305	-	33	159	292	1 396	1 093	824	508	5.7
1.01 to 1.50	401	-	18	31	81	131	103	24	13	5.0
1.51 or more	128	14	4	71	15	15	9	-	-	3.1
Lacking some or all plumbing facilities	411	12	22	61	70	92	82	45	27	4.9
0.50 or less	228	-	15	27	33	70	41	20	22	5.1
0.51 to 1.00	129	12	7	24	21	13	35	17	-	4.5
1.01 to 1.50	42	-	-	6	16	9	6	-	5	...
1.51 or more	12	-	-	4	-	-	-	8	-	...
<b>BEDROOMS</b>										
None and 1	480	19	101	165	118	23	35	19	-	3.2
2	2 728	-	-	202	1 013	1 023	388	102	-	4.6
3	6 123	-	-	-	175	1 829	2 653	1 038	428	5.9
4 or more	2 042	-	-	-	-	27	251	619	1 145	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	445	-	5	29	63	127	95	48	78	5.5
1960 to 1968	3 800	5	23	164	319	952	1 015	663	659	5.9
1950 to 1959	3 828	5	32	106	374	1 146	1 128	595	442	5.7
1949 or earlier	3 403	16	35	123	394	921	949	507	458	5.7
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	6 702	18	73	350	949	2 556	1 920	584	252	5.3
2 or more	4 369	-	11	29	72	564	1 155	1 190	1 348	6.8
None or also used by another household	415	11	19	51	77	94	98	32	33	5.0
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	10 434	21	61	232	789	2 894	3 100	1 757	1 580	5.9
Less than 1.5	4 363	5	13	107	327	1 307	1 296	750	558	5.8
1.5 to 1.9	2 034	4	5	3	120	505	635	379	383	6.1
2.0 to 2.9	1 913	4	15	53	94	474	589	325	359	6.0
3.0 or more	2 007	8	28	58	243	568	541	289	272	5.7
Not computed	117	-	-	11	5	40	39	14	8	5.6
<b>Renter occupied housing units</b>	<b>10 579</b>	<b>378</b>	<b>1 192</b>	<b>2 941</b>	<b>3 102</b>	<b>1 787</b>	<b>889</b>	<b>203</b>	<b>87</b>	<b>3.8</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 089	192	983	2 360	2 870	1 648	745	211	80	3.9
<b>PERSONS</b>										
1 person	2 652	266	472	1 102	525	199	75	-	13	3.0
2 persons	3 781	89	580	1 308	1 081	551	125	42	5	3.4
3 persons	1 950	14	93	284	867	425	199	65	3	4.2
4 persons	1 106	9	26	128	373	302	205	30	33	4.6
5 persons	522	-	5	21	145	178	115	41	17	5.0
6 persons or more	568	-	16	98	111	132	170	25	16	4.9
Median	2.2	1.2	1.7	1.8	2.4	2.8	3.7	3.4	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	9 332	255	1 026	2 479	2 847	1 657	778	203	87	3.8
0.50 or less	4 053	-	367	945	1 538	677	362	107	57	4.0
0.51 to 1.00	4 619	176	560	1 382	1 149	876	360	86	30	3.7
1.01 to 1.50	457	-	66	95	137	93	56	10	-	4.0
1.51 or more	203	79	33	57	23	11	-	-	-	2.2
Lacking some or all plumbing facilities	1 247	123	166	462	255	130	111	-	-	3.2
0.50 or less	440	-	105	157	68	73	37	-	-	3.2
0.51 to 1.00	468	90	20	210	91	29	28	-	-	3.1
1.01 to 1.50	191	-	27	33	61	24	46	-	-	4.1
1.51 or more	148	33	14	62	35	4	-	-	-	2.9
<b>BEDROOMS</b>										
None	345	302	43	-	-	-	-	-	-	...
1	3 937	-	1 127	2 375	394	41	-	-	-	2.9
2	4 669	-	-	746	2 679	1 060	184	-	-	4.1
3 or more	1 593	-	-	-	58	591	681	137	126	5.7
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	716	4	89	232	196	170	25	-	-	3.7
1960 to 1968	3 738	171	574	1 105	1 194	488	163	29	14	3.5
1950 to 1959	2 308	37	224	576	686	457	261	57	10	4.0
1949 or earlier	3 817	166	305	1 028	1 026	672	440	117	63	3.9
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	8 663	239	992	2 355	2 775	1 520	637	124	21	3.8
2 or more	517	-	9	25	95	134	108	87	59	5.5
None or also used by another household	1 423	157	199	537	272	161	97	-	-	3.2
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	10 492	378	1 177	2 925	3 096	1 764	862	203	87	3.7
Less than 10 percent	498	26	59	131	124	87	63	4	4	3.8
10 to 14 percent	1 194	25	114	231	439	240	104	35	6	4.0
15 to 19 percent	1 591	33	203	411	445	299	162	34	4	3.8
20 to 24 percent	1 249	42	120	296	375	263	109	39	5	3.8
25 to 34 percent	1 449	30	134	444	475	224	109	20	13	3.9
35 percent or more	3 881	194	494	1 229	1 096	539	267	39	23	3.7
Not computed	630	28	53	183	142	112	48	32	32	3.9

<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-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]

Tallahassee

	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	11 476	10 615	244	617	10 579	3 861	1 469	1 095	777	1 122	2 040	215
<b>ROOMS</b>												
1 room	26	21	5	-	378	19	21	44	74	39	181	-
2 rooms	95	61	12	22	1 192	204	168	163	168	197	283	9
3 rooms	422	239	25	158	2 941	755	434	366	158	351	806	71
4 rooms	1 150	812	66	272	3 102	906	601	370	272	338	503	112
5 rooms	3 146	2 921	69	156	1 787	931	209	147	98	172	212	18
6 rooms	3 187	3 148	30	9	889	776	33	5	7	25	38	5
7 rooms	1 813	1 785	28	-	203	197	-	-	-	-	6	-
8 rooms or more	1 637	1 628	9	-	87	73	-	-	-	-	11	-
Median	5.8	5.9	4.7	4.0	3.8	4.5	3.7	3.4	3.4	3.4	3.2	3.7
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	11 065	10 210	244	611	9 332	3 093	1 199	1 088	679	1 083	1 984	206
0.50 or less	6 231	5 775	185	271	4 053	1 316	642	534	254	334	856	117
0.51 to 1.00	4 305	3 990	34	281	4 619	1 480	473	475	389	667	1 046	89
1.01 to 1.50	401	338	20	43	457	225	61	49	31	62	29	-
1.51 or more	128	107	5	16	203	72	23	30	5	20	53	-
Lacking some or all plumbing facilities	411	405	-	6	1 247	768	270	7	98	39	56	9
0.50 or less	228	222	-	6	440	259	115	-	19	25	13	9
0.51 to 1.00	129	129	-	-	468	282	72	7	61	10	36	-
1.01 to 1.50	42	42	-	-	191	151	31	-	5	-	4	-
1.51 or more	12	12	-	-	148	76	52	-	13	4	3	-
<b>BEDROOMS</b>												
None	19	19	-	-	345	21	18	63	47	42	129	25
1	461	321	61	79	3 937	828	410	502	413	619	1 122	43
2	2 728	2 206	116	406	4 669	1 614	853	520	322	548	627	185
3	6 123	6 031	-	92	1 425	1 049	-	22	65	178	90	21
4 or more	2 042	2 042	-	-	168	-	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	445	283	12	150	716	32	14	67	43	220	340	-
1965 to 1968	1 586	1 230	14	342	2 262	202	70	268	217	276	1 126	103
1960 to 1964	2 214	2 129	26	59	1 476	353	177	130	168	258	317	73
1950 to 1959	3 828	3 701	65	62	2 308	1 156	478	216	101	245	78	34
1940 to 1949	1 926	1 846	76	4	1 974	1 110	380	231	116	58	79	-
1939 or earlier	1 477	1 426	51	-	1 843	1 008	350	183	132	65	100	5
<b>INCOME IN 1969</b>												
Less than \$2,000	978	914	33	31	2 814	962	398	266	213	302	603	70
\$2,000 to \$2,999	351	321	6	24	925	295	156	77	70	139	178	10
\$3,000 to \$3,999	548	454	38	56	1 076	425	172	107	100	137	131	4
\$4,000 to \$4,999	549	458	19	72	940	340	148	94	62	95	171	30
\$5,000 to \$5,999	641	588	5	48	865	303	124	130	78	90	122	18
\$6,000 to \$6,999	555	459	14	82	753	300	115	90	64	79	90	15
\$7,000 to \$9,999	1 890	1 703	32	155	1 441	552	174	158	110	128	272	47
\$10,000 to \$14,999	2 986	2 796	46	144	1 055	420	128	86	55	105	251	9
\$15,000 to \$24,999	2 175	2 128	47	-	562	207	26	69	24	37	187	12
\$25,000 or more	803	794	4	5	148	57	28	18	-	10	35	-
Median	\$10 400	\$10 700	\$7 700	\$6 900	\$4 500	\$4 700	\$4 100	\$5 000	\$4 100	\$3 900	\$4 600	\$4 800
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 637	1 308	25	304	6 518	1 741	750	758	541	861	1 738	129
1968	1 039	904	6	129	1 381	568	218	131	143	110	194	17
1967	656	544	27	85	553	284	93	83	28	12	39	14
1965 and 1966	1 219	1 139	19	61	652	314	185	65	12	33	39	4
1960 to 1964	2 164	2 099	45	20	777	444	176	26	40	26	42	23
1950 to 1959	3 114	3 067	47	-	440	293	84	27	7	9	20	-
1949 or earlier	1 657	1 582	75	-	282	226	50	6	-	-	-	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	10 492	3 774	1 469	1 095	777	1 122	2 040	215
Less than \$50	...	...	...	...	692	299	130	14	39	146	55	9
\$50 to \$59	...	...	...	...	362	158	70	39	32	54	9	-
\$60 to \$69	...	...	...	...	507	251	113	59	26	29	25	4
\$70 to \$79	...	...	...	...	667	324	157	71	34	52	25	4
\$80 to \$99	...	...	...	...	1 758	680	284	263	154	285	66	26
\$100 to \$119	...	...	...	...	1 533	495	239	195	218	136	207	43
\$120 to \$149	...	...	...	...	1 934	582	298	181	111	112	569	81
\$150 to \$199	...	...	...	...	1 793	532	124	166	112	184	664	11
\$200 to \$299	...	...	...	...	913	271	30	92	37	100	378	5
\$300 or more	...	...	...	...	24	4	5	5	10	-	-	-
No cash rent	...	...	...	...	309	178	19	10	4	24	42	32
Median	...	...	...	...	\$114	\$103	\$98	\$110	\$109	\$98	\$153	\$122
<b>HEATING EQUIPMENT</b>												
Steam or hot water	78	73	5	-	113	26	17	24	4	10	32	-
Warm-air furnace	5 630	5 016	71	543	2 647	542	150	211	164	453	987	140
Built-in electric units	217	208	4	5	1 306	118	49	151	75	165	748	-
Floor, wall, or pipeless furnace	1 449	1 403	42	4	984	372	179	102	97	158	66	10
Other means	4 098	3 911	122	65	5 429	2 743	1 046	607	437	336	195	65
None	4	4	-	-	100	60	28	-	-	-	12	-
<b>AIR CONDITIONING</b>												
Room unit(s)	4 693	4 238	111	344	3 796	1 266	573	451	326	385	684	111
Central system	3 567	3 378	63	126	2 242	255	92	263	171	226	1 215	20
None	3 226	3 027	70	129	4 565	2 349	891	382	274	440	173	56
<b>AUTOMOBILES AVAILABLE</b>												
1	4 448	3 992	135	321	5 711	1 752	814	634	516	658	1 227	110
2	5 246	4 954	53	239	2 238	863	241	268	103	134	579	50
3 or more	1 017	977	20	20	437	215	42	19	29	37	88	7
None	775	720	36	19	2 217	1 040	459	175	123	222	178	20

<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]

Tallahassee	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> .....	11 476	397	1 756	1 770	3 604	899	232	78	973	328	824	615
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	11 065	393	1 744	1 753	3 512	889	198	65	884	273	788	566
0.50 or less .....	6 231	207	535	327	2 157	735	125	51	534	206	788	566
0.51 to 1.00 .....	4 305	160	1 125	1 284	1 155	135	68	6	309	63	-	-
1.01 to 1.50 .....	401	17	66	117	143	12	5	8	29	4	-	-
1.51 or more .....	128	9	18	25	57	7	-	-	12	-	-	-
Lacking some or all plumbing facilities .....	411	4	12	17	92	10	34	13	89	55	36	49
0.50 or less .....	228	4	4	-	39	10	19	13	28	38	32	41
0.51 to 1.00 .....	129	-	8	9	26	-	15	-	48	11	4	8
1.01 to 1.50 .....	42	-	-	-	27	-	-	-	9	6	-	-
1.51 or more .....	12	-	-	8	-	-	-	-	4	-	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	10 615	200	1 519	1 730	3 515	873	206	78	914	298	718	564
2 or more .....	244	-	26	9	53	15	-	-	22	18	59	42
Mobile home or trailer .....	617	197	211	31	36	11	26	-	37	12	47	9
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	978	9	24	16	68	92	35	32	124	90	189	299
\$2,000 to \$2,999 .....	351	37	15	9	31	46	52	-	60	18	44	39
\$3,000 to \$3,999 .....	548	35	4	17	77	53	36	4	84	25	107	106
\$4,000 to \$4,999 .....	549	24	48	34	70	69	13	14	121	40	71	25
\$5,000 to \$5,999 .....	641	33	30	59	163	66	28	-	67	34	111	50
\$6,000 to \$6,999 .....	555	44	93	40	135	39	-	-	125	22	44	13
\$7,000 to \$7,999 .....	1 890	110	457	268	470	170	25	6	166	43	136	39
\$10,000 to \$14,999 .....	2 986	100	751	610	991	175	18	9	182	28	88	34
\$15,000 to \$24,999 .....	2 175	5	287	542	1 073	136	15	5	44	24	34	10
\$25,000 or more .....	803	-	47	175	506	53	10	8	-	4	-	-
Median .....	\$10 400	\$7 500	\$11 400	\$13 600	\$13 900	\$8 500	\$3 800	...	\$6 200	\$4 800	\$5 000	\$2 200
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup> .....	10 434	196	1 519	1 701	3 461	834	202	78	897	286	700	560
Less than 1.5 .....	4 363	93	731	741	2 025	286	52	13	232	59	116	15
1.5 to 1.9 .....	2 034	34	382	507	638	130	30	12	145	23	113	20
2.0 to 2.4 .....	1 276	21	211	253	349	114	23	11	137	45	76	36
2.5 to 2.9 .....	637	15	99	98	146	44	25	15	90	21	45	39
3.0 to 3.9 .....	696	14	66	61	136	78	12	-	77	24	125	103
4.0 or more .....	1 311	19	22	37	167	182	55	27	185	108	182	327
Not computed .....	117	-	8	4	-	-	5	-	31	6	43	20
<b>Renter occupied housing units</b> .....	10 579	1 497	2 004	540	722	203	1 073	30	1 752	106	2 273	379
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	9 332	1 454	1 909	481	575	157	1 027	12	1 451	58	1 954	254
0.50 or less .....	4 053	357	454	91	208	103	321	12	447	28	1 800	232
0.51 to 1.00 .....	4 619	1 038	1 290	321	273	41	642	-	817	21	154	22
1.01 to 1.50 .....	457	49	137	57	67	13	23	-	111	-	-	-
1.51 or more .....	203	10	28	12	27	2	41	-	76	9	-	-
Lacking some or all plumbing facilities .....	1 247	43	95	59	147	46	46	18	301	48	319	123
0.50 or less .....	440	-	6	-	20	14	10	-	29	7	238	116
0.51 to 1.00 .....	468	20	25	29	66	20	18	18	145	37	81	9
1.01 to 1.50 .....	191	11	41	30	34	-	5	-	70	-	-	-
1.51 or more .....	148	12	23	-	27	12	13	-	57	4	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	3 861	359	899	277	410	123	327	24	758	57	468	159
2 to 4 .....	2 564	402	410	131	136	48	249	-	342	37	706	103
5 to 19 .....	1 899	460	306	67	76	27	164	6	312	7	415	59
20 or more .....	2 040	241	340	50	96	5	314	-	314	5	634	41
Mobile home or trailer .....	215	35	49	15	4	-	19	-	26	-	50	17
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup> .....	10 492	1 492	1 973	540	694	203	1 061	30	1 741	106	2 273	379
Less than \$50 .....	692	21	34	4	32	31	24	5	194	24	235	88
\$50 to \$59 .....	362	18	32	35	33	12	18	7	104	-	95	8
\$60 to \$69 .....	507	44	51	20	77	13	14	-	159	10	99	20
\$70 to \$79 .....	667	96	106	24	26	43	41	-	129	6	157	39
\$80 to \$99 .....	1 758	446	310	77	95	15	94	11	186	36	399	89
\$100 to \$119 .....	1 533	309	308	38	94	25	179	7	204	5	319	45
\$120 to \$149 .....	1 934	316	387	76	68	14	311	-	345	-	393	24
\$150 to \$199 .....	1 793	195	508	99	93	15	235	-	255	-	388	5
\$200 to \$299 .....	913	32	196	125	135	19	134	-	153	5	109	5
\$300 or more .....	24	-	4	5	-	-	5	-	-	-	10	-
No cash rent .....	309	15	37	37	41	16	6	-	12	20	69	56
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup> .....	10 492	1 492	1 973	540	694	203	1 061	30	1 741	106	2 273	379
Less than \$5,000 .....	5 713	760	387	101	175	104	908	30	1 346	84	1 485	333
Less than 20 percent .....	395	42	53	16	45	19	8	-	109	10	83	10
20 to 24 percent .....	354	80	18	12	21	8	14	-	82	6	113	-
25 to 34 percent .....	827	148	92	20	40	23	47	6	167	7	228	49
35 percent or more .....	3 663	469	220	45	54	44	779	24	878	41	904	205
Not computed .....	474	21	4	8	15	10	60	-	110	20	157	69
\$5,000 to \$9,999 .....	3 042	656	935	198	210	53	88	-	341	22	508	31
Less than 20 percent .....	1 440	333	449	101	145	38	18	-	122	22	194	18
20 to 24 percent .....	706	182	253	53	19	4	17	-	58	-	120	-
25 to 34 percent .....	596	102	144	24	24	5	48	-	99	-	142	8
35 percent or more .....	218	35	66	4	17	-	5	-	50	-	41	-
Not computed .....	82	4	23	16	5	6	-	-	12	-	11	5
\$10,000 to \$14,999 .....	1 050	71	432	93	151	18	41	-	44	-	196	4
Less than 20 percent .....	815	66	358	61	98	9	32	-	24	-	163	4
20 to 24 percent .....	173	5	64	17	40	9	9	-	10	-	19	-
25 percent or more .....	21	-	5	-	-	-	-	-	10	-	6	-
Not computed .....	41	-	5	15	13	-	-	-	-	-	8	-
\$15,000 or more .....	687	5	219	148	158	28	24	-	10	-	84	11
Less than 20 percent .....	633	5	204	131	146	18	24	-	10	-	84	11
20 to 24 percent .....	16	-	10	6	-	-	-	-	-	-	-	-
25 percent or more .....	5	-	5	-	-	-	-	-	-	-	-	-
Not computed .....	33	-	5	12	10	-	-	-	-	-	-	-

<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)

Tallahassee	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> .....	11 476	1 439	3 387	2 154	2 194	1 273	626	226	177	2.9
<b>BEDROOMS</b>										
None and 1 .....	480	196	161	63	24	14	-	-	22	1.8
2 .....	2 728	707	1 229	416	285	70	21	-	-	2.0
3 .....	6 123	463	1 641	1 229	1 386	918	321	61	104	3.3
4 or more .....	2 042	81	289	366	486	324	275	99	122	4.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	445	20	134	114	112	29	22	14	-	3.1
1965 to 1968 .....	1 586	66	383	361	384	235	101	28	28	3.5
1960 to 1964 .....	2 214	154	454	440	542	354	162	75	33	3.6
1950 to 1959 .....	3 828	458	1 128	728	720	471	202	72	49	3.0
1940 to 1949 .....	1 926	359	731	317	255	106	89	19	50	2.3
1939 or earlier .....	1 477	382	557	194	181	78	50	18	17	2.1
<b>UNITS IN STRUCTURE</b>										
1 .....	10 615	1 282	3 030	1 932	2 118	1 229	626	221	177	3.0
2 or more .....	244	101	81	34	6	22	-	-	-	1.8
Mobile home or trailer .....	617	56	276	188	70	22	-	5	-	2.4
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	6 702	1 007	2 074	1 393	1 187	579	250	120	92	2.7
2 and 2 1/2 .....	3 798	261	1 070	639	851	614	247	92	24	3.4
3 or more .....	571	52	109	123	91	75	90	25	6	3.5
None or also used by another household .....	415	67	155	45	50	18	40	15	25	2.4
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	10 037	...	3 387	2 154	2 194	1 273	626	226	177	3.3
Male head, wife present, no nonrelatives .....	8 426	...	2 631	1 760	1 922	1 177	586	206	144	3.4
Under 25 years .....	397	...	223	117	42	10	-	-	5	2.4
25 to 34 years .....	1 756	...	239	462	620	324	86	19	6	3.8
35 to 44 years .....	1 770	...	102	198	612	449	257	81	71	4.5
45 to 64 years .....	3 604	...	1 388	866	596	372	226	98	58	3.0
65 years and over .....	899	...	679	117	52	22	17	8	4	2.2
Other male head .....	310	...	185	51	46	5	15	-	8	2.3
Under 65 years .....	232	...	139	33	40	5	15	-	-	2.3
65 years and over .....	78	...	46	6	6	-	-	-	8	...
Female head .....	1 301	...	571	343	226	91	25	20	25	2.7
Under 65 years .....	973	...	392	252	207	70	17	20	15	2.9
65 years and over .....	328	...	179	91	19	21	8	-	10	2.4
<b>One-person households</b> .....	1 439	1 439	...	...	...	...	...	...	...	1.0
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	10 434	1 260	2 967	1 901	2 087	1 201	620	221	177	3.0
Less than 1.5 .....	4 363	131	1 124	954	978	578	384	118	96	3.5
1.5 to 1.9 .....	2 034	133	523	373	549	287	83	52	34	3.5
2.0 to 2.4 .....	1 276	112	396	209	251	204	71	17	16	3.1
2.5 to 2.9 .....	637	84	211	62	144	54	41	24	17	2.9
3.0 to 3.9 .....	696	228	204	116	84	40	13	6	5	2.1
4.0 or more .....	1 311	509	477	168	81	35	28	4	9	1.8
Not computed .....	117	63	32	19	-	3	-	-	-	1.4
<b>Renter occupied housing units</b> .....	10 579	2 652	3 781	1 950	1 106	522	272	196	100	2.2
<b>BEDROOMS</b>										
None .....	345	200	127	18	-	-	-	-	-	...
1 .....	3 937	1 533	1 954	253	109	25	43	-	20	1.7
2 .....	4 669	837	1 432	1 386	637	200	67	88	22	2.5
3 or more .....	1 593	110	305	360	324	256	106	109	23	3.6
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	716	201	266	111	85	27	16	10	-	2.1
1965 to 1968 .....	2 262	496	1 023	388	221	106	23	5	-	2.1
1960 to 1964 .....	1 476	354	518	332	138	71	49	10	4	2.2
1950 to 1959 .....	2 308	479	809	447	330	99	78	46	20	2.3
1940 to 1949 .....	1 974	518	635	379	153	136	60	58	35	2.2
1939 or earlier .....	1 843	604	530	293	179	83	46	67	41	2.1
<b>UNITS IN STRUCTURE</b>										
1 .....	3 861	627	1 068	883	540	320	172	167	84	2.8
2 .....	1 469	455	497	271	141	37	33	19	16	2.1
3 and 4 .....	1 095	354	490	105	82	47	17	-	-	1.9
5 to 9 .....	777	234	266	176	72	29	-	-	-	2.1
10 to 19 .....	1 122	240	430	239	116	51	36	10	-	2.2
20 or more .....	2 040	675	934	229	150	38	14	-	-	1.9
Mobile home or trailer .....	215	67	96	47	5	-	-	-	-	1.9
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	8 663	2 136	3 380	1 585	819	381	206	91	65	2.1
2 or more .....	517	31	111	113	160	84	18	-	-	3.5
None or also used by another household .....	1 423	521	278	228	115	69	68	103	41	2.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	7 927	...	3 781	1 950	1 106	522	272	196	100	2.6
Male head, wife present, no nonrelatives .....	4 966	...	2 217	1 257	779	334	194	116	69	2.7
Under 25 years .....	1 497	...	958	417	78	29	6	9	-	2.3
25 to 34 years .....	2 004	...	738	541	466	143	69	19	28	3.0
35 to 44 years .....	540	...	103	89	156	86	79	13	14	4.0
45 to 64 years .....	722	...	279	176	79	72	25	68	23	3.0
65 years and over .....	203	...	139	34	-	4	15	7	4	2.2
Other male head .....	1 103	...	692	278	95	28	10	-	-	2.3
Under 65 years .....	1 073	...	682	264	89	28	10	-	-	2.3
65 years and over .....	30	...	10	14	6	-	-	-	-	...
Female head .....	1 858	...	872	415	232	160	68	80	31	2.6
Under 65 years .....	1 752	...	814	397	219	151	68	80	23	2.7
65 years and over .....	106	...	58	18	13	9	-	-	8	2.4
<b>One-person households</b> .....	2 652	2 652	...	...	...	...	...	...	...	1.0
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	10 492	2 652	3 743	1 945	1 090	517	265	180	100	2.2
Less than 10 percent .....	498	104	164	69	85	17	43	12	4	2.4
10 to 14 percent .....	1 194	190	375	237	170	105	50	33	34	2.6
15 to 19 percent .....	1 591	273	590	320	227	90	52	25	14	2.4
20 to 24 percent .....	1 249	252	438	245	172	84	18	36	4	2.4
25 to 34 percent .....	1 449	433	423	273	134	89	33	39	25	2.2
35 percent or more .....	3 881	1 150	1 579	744	215	80	59	35	19	2.0
Not computed .....	630	250	174	57	87	52	10	-	-	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-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]

Tallahassee				Tallahassee					
	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> .....	134	86	18	30	<b>Vacant for rent</b> .....	761	515	195	51
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	3	3	—	—	1 room .....	22	22	—	—
4 rooms .....	13	9	—	4	2 rooms .....	57	44	13	—
5 rooms .....	39	28	11	—	3 rooms .....	244	152	82	10
6 rooms .....	43	32	7	4	4 rooms .....	282	190	70	22
7 rooms or more .....	36	14	—	22	5 rooms .....	125	86	29	10
					6 rooms .....	7	7	—	—
					7 rooms or more .....	24	14	1	9
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	130	82	18	30	With all plumbing facilities .....	715	469	195	51
Lacking some or all plumbing facilities .....	4	4	—	—	Lacking some or all plumbing facilities .....	46	46	—	—
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	—	—	—	—	None .....	36	36	—	—
2 .....	45	31	—	14	1 .....	262	212	50	—
3 .....	42	42	—	—	2 .....	366	213	103	50
4 or more .....	30	14	—	16	3 or more .....	83	49	34	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	22	14	—	8	1969 to March 1970 .....	181	85	88	8
1960 to 1968 .....	55	36	8	11	1960 to 1968 .....	291	209	71	11
1950 to 1959 .....	35	25	3	7	1950 to 1959 .....	121	97	14	10
1949 or earlier .....	22	11	7	4	1949 or earlier .....	168	124	22	22
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	124	76	18	30	1 .....	175	116	28	31
2 or more .....	10	10	—	—	2 to 4 .....	136	111	21	4
					5 to 9 .....	62	58	—	4
					10 to 19 .....	79	67	12	—
					20 or more .....	309	163	134	12
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	—	—	—	—	<b>Specified vacant for rent?</b> .....	761	515	195	51
Warm-air furnace .....	88	54	8	26	Less than \$50 .....	62	54	—	8
Built-in electric units .....	—	—	—	—	\$50 to \$59 .....	37	25	4	8
Floor, wall, or pipeless furnace .....	15	11	4	—	\$60 to \$79 .....	116	100	8	8
Other means .....	31	21	6	4	\$80 to \$99 .....	48	32	16	—
None .....	—	—	—	—	\$100 to \$119 .....	75	58	13	4
					\$120 to \$149 .....	181	82	99	—
					\$150 to \$199 .....	157	110	32	15
					\$200 or more .....	85	54	23	8
<b>SALES PRICE ASKED</b>					Median price asked .....	\$127	\$116	\$137	...
<b>Specified vacant for sale?</b> .....	124	76	18	30					
Less than \$5,000 .....	4	4	—	—					
\$5,000 to \$9,999 .....	8	4	—	4					
\$10,000 to \$14,999 .....	31	17	10	4					
\$15,000 to \$19,999 .....	38	30	8	—					
\$20,000 to \$24,999 .....	20	9	—	11					
\$25,000 to \$34,999 .....	19	8	—	11					
\$35,000 to \$49,999 .....	4	4	—	—					
\$50,000 or more .....	—	—	—	—					
Median price asked .....	\$17 500	...	...	...					

<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 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]

Tallahassee	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> .....	124	12	31	38	20	19	4	761	99	116	48	256	157	85
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	103	14	14	31	16	14	14	676	34	171	106	187	124	54
Lacking some or all plumbing facilities .....	—	—	—	—	—	—	—	71	71	—	—	—	—	—
<b>BEDROOMS</b>														
None and 1 .....	—	—	—	—	—	—	—	298	54	53	35	120	36	—
2 .....	31	14	—	17	—	—	—	366	51	53	71	49	88	54
3 .....	42	—	14	14	—	14	—	65	—	47	—	18	—	—
4 or more .....	30	—	—	—	16	—	14	18	—	18	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	22	—	—	10	4	4	4	181	—	—	4	72	59	46
1960 to 1968 .....	45	4	7	8	13	13	—	291	7	44	24	98	83	35
1950 to 1959 .....	35	—	18	12	3	2	—	121	25	19	8	60	5	4
1949 or earlier .....	22	8	6	8	—	—	—	168	67	53	12	26	10	—
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	175	37	52	16	50	12	8
2 to 4 .....	...	...	...	...	...	...	...	136	32	11	19	43	31	—
5 to 19 .....	...	...	...	...	...	...	...	141	26	53	9	21	20	12
20 or more .....	...	...	...	...	...	...	...	309	4	—	4	142	94	65
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	8	4	4	—	—	—	—
Some or no utilities included .....	...	...	...	...	...	...	...	753	95	112	48	256	157	85

<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.

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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? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p>	<p>FOR CENSUS ENUMERATOR'S USE ONLY</p>																						
<p>Answer these questions for your living quarters</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? _____</p> <p style="text-align: right;"><i>Phone number</i></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>		<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
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<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>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><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p>	<p><b>B.</b> Type of unit or quarters</p> <p><u>Occupied</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><u>Vacant</u></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p><u>Group quarters</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p>																						
<p><b>H3.</b> Do you have complete kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p>	<p><b>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><i>and</i></p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p>	<p><b>C.</b> Vacancy status</p> <p><u>Year round—</u></p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p>																						
<p><b>H4.</b> How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room</p> <p><input type="radio"/> 2 rooms</p> <p><input type="radio"/> 3 rooms</p> <p><input type="radio"/> 4 rooms</p> <p><input type="radio"/> 5 rooms</p> <p><input type="radio"/> 6 rooms</p> <p><input type="radio"/> 7 rooms</p> <p><input type="radio"/> 8 rooms</p> <p><input type="radio"/> 9 rooms or more</p>	<p><b>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;"><i>(Nearest dollar) (Week, half-month, year, etc.)</i></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>C/O <input type="radio"/> <input type="radio"/></p>																						
<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</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p>																								
<p><b>H6.</b> Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p>																								
<p><b>H7.</b> Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p>																								
<p><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>																								



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></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>H14.</b> How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters <u>with</u> flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters <u>without</u> flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe _____</p> <p><input type="radio"/> None, unit has no heating equipment</p> <p><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>H16.</b> Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <p><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)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input checked="" type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	<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>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>H21.</b> How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p> <p><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>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>
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15 and 5 percent

15 percent

APPENDIX B—Continued

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

15 and 5 percent

5 percent

<p><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              Average monthly cost  <input type="radio"/> No, included in rent  <input type="radio"/> No, electricity not used</p> <p>b. Gas?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00              Average monthly cost  <input type="radio"/> No, gas not used</p> <p>c. Water?  <input type="radio"/> Yes, yearly cost is → \$ _____ .00              Yearly cost  <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?  <input type="radio"/> Yes, yearly cost is → \$ _____ .00              Yearly cost  <input type="radio"/> No, included in rent  <input type="radio"/> No, these fuels not used</p> <p><b>H14.</b> How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system  <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump  <input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="radio"/>  <input type="radio"/> Floor, wall, or pipeless furnace  <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene  <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)  <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind          In some other way—Describe → _____  <input type="radio"/> None, unit has no heating equipment</p> <p><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  <input type="radio"/> 1965 to 1968      <input checked="" type="radio"/> 1940 to 1949  <input type="radio"/> 1960 to 1964      <input type="radio"/> 1939 or earlier</p> <p><b>H16.</b> Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house  <input type="radio"/> A one-family house attached to one or more houses  <input type="radio"/> A building for 2 families  <input type="radio"/> A building for 3 or 4 families  <input type="radio"/> A building for 5 to 9 families  <input checked="" type="radio"/> A building for 10 to 19 families  <input type="radio"/> A building for 20 to 49 families  <input type="radio"/> A building for 50 or more families  <input type="radio"/> A mobile home or trailer          Other—          Describe _____</p> <p><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>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—  <input type="radio"/> Less than \$50 (or None)      <input checked="" type="radio"/> \$2,500 to \$4,999  <input type="radio"/> \$50 to \$249      <input type="radio"/> \$5,000 to \$9,999  <input type="radio"/> \$250 to \$2,499      <input type="radio"/> \$10,000 or more</p>	<p><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. If 4 or more stories— Is there a passenger elevator in this building?  <input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>H25a.</b> Which fuel is used most for cooking?  <input checked="" type="radio"/> From underground pipes serving the neighborhood.  <input type="radio"/> Bottled, tank, or LP  <input type="radio"/> Electricity  <input type="radio"/> Fuel oil, kerosene, etc.  <input type="radio"/> Coal or coke  <input type="radio"/> Wood  <input type="radio"/> Other fuel  <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for house heating?  <input checked="" type="radio"/> From underground pipes serving the neighborhood.  <input type="radio"/> Bottled, tank, or LP  <input type="radio"/> Electricity  <input type="radio"/> Fuel oil, kerosene, etc.  <input type="radio"/> Coal or coke  <input type="radio"/> Wood  <input type="radio"/> Other fuel  <input type="radio"/> No fuel used</p> <p>c. Which fuel is used most for water heating?  <input checked="" type="radio"/> From underground pipes serving the neighborhood.  <input type="radio"/> Bottled, tank, or LP  <input type="radio"/> Electricity  <input type="radio"/> Fuel oil, kerosene, etc.  <input type="radio"/> Coal or coke  <input type="radio"/> Wood  <input type="radio"/> Other fuel  <input type="radio"/> No fuel used</p> <p><b>H26.</b> How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom      <input type="radio"/> 3 bedrooms  <input type="radio"/> 1 bedroom      <input checked="" type="radio"/> 4 bedrooms  <input type="radio"/> 2 bedrooms      <input type="radio"/> 5 bedrooms or more</p> <p><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. Do you have a clothes dryer?  <input type="radio"/> Yes, electrically heated  <input type="radio"/> Yes, gas heated  <input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)?  <input type="radio"/> Yes    <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator?  <input type="radio"/> Yes    <input type="radio"/> No</p> <p><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. 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>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>
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FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

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

A. Mark only one circle. This address means the house or building number where your living quarters are located.

H1. Mark Yes and enter telephone number, even if the telephone is in another apartment or building.

H2. Mark the second circle only if you must go through someone else's living quarters to get to your own.

H3. The kitchen sink, stove, and refrigerator do not have to be in the same room.

Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.

H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.

H5. Mark hot water even if you have it only part of the time.

H6, H7. See instructions for H3 for meaning of Also used by another household.

H8. A house has a basement if there is enclosed space in which persons can walk upright under all or part of the building. A house on a concrete slab has no basement and no air or crawl space below it. A house built in another way is one directly on the ground or resting on a foundation or posts to provide crawl space.

H9. Owned or being bought means that the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

H10. A commercial establishment is easily recognized from the outside; for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark Yes, 10 acres or more.

H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.

H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.

a. If you pay rent by the month, write in the amount of rent and fill one circle.

b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.

H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( ) the two utilities.

H14. This question refers to the type of heating equipment and not to the fuel used.

A heat pump is sometimes known as a reverse cycle system.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater—not a built-in electric unit.

H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. Attached means that the house is joined to another house or building by at least one wall which goes from ground to roof.

H17. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.

H19. If a well provides water for six or more houses or apartments, mark a public system. If a well provides water for five or fewer houses or apartments, mark an individual well.

H20. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.

H22. Count only equipment with a refrigeration unit to cool the air. Mark an individual room unit for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a central system for a central installation which cools the entire house or apartment.

H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.

H24a. Do not count a basement as a story.

b. Do not count elevators used only for freight.

H25. Gas from underground pipes is piped in from a central system such as a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

H27. Mark the Yes circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.

H28. Count any set equipped to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.

H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.

H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

## Appendix C.—ACCURACY OF THE DATA

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### SOURCES OF ERROR

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

### EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

### SAMPLE DESIGN

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

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

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

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

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

**RATIO ESTIMATION**

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

**TABLE A. Sample Rate for Subjects Included in This Report**

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<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		

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.