

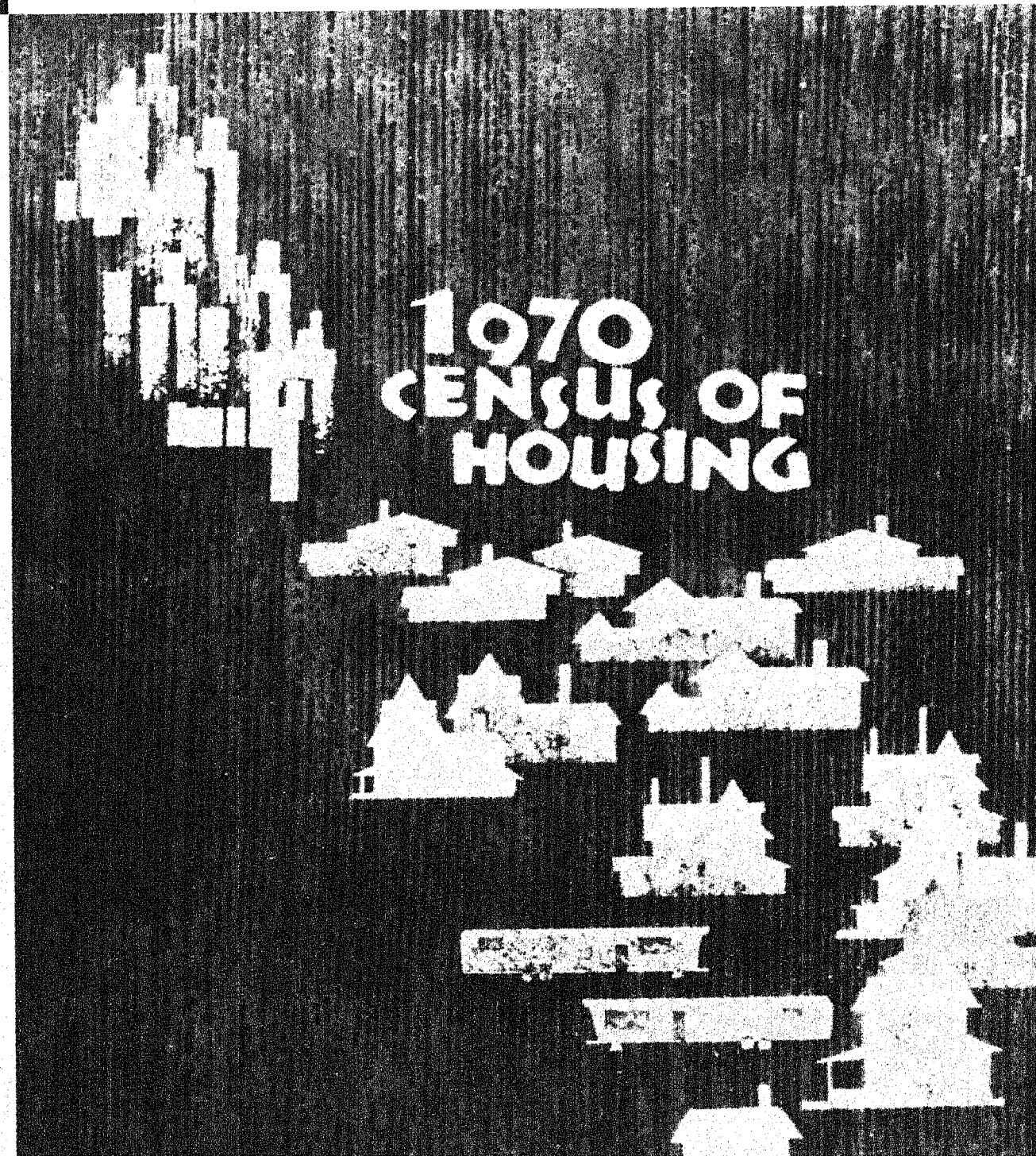
A UNITED STATES  
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**COMMERCE**  
PUBLICATION



# Metropolitan Housing Characteristics

**NORWALK, CONN.**  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-153



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

BUREAU OF  
THE CENSUS

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**1970  
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HOUSING**

Metropolitan  
Housing  
Characteristics

**NORWALK, CONN.  
STANDARD METROPOLITAN  
STATISTICAL AREA**

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

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

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

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

# INTRODUCTION

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## GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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



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## INTRODUCTION—Continued

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

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

### PROCESSING PROCEDURES

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

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

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

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

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METROPOLITAN HOUSING CHARACTERISTICS

**Norwalk, Conn.**  
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 153.]

	page
<b>MAP</b>	
Counties, Standard Metropolitan Statistical Areas, and Selected Places	XI

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		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
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Norwalk city .....	B	10 to 18	—	—

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**DESCRIPTION OF SMSA**

The Norwalk, Conn. Standard Metropolitan Statistical Area comprises the following:

Fairfield County (part)  
Norwalk city  
Westport town  
Wilton town

# Counties, Standard Metropolitan Statistical Areas, and Selected Places

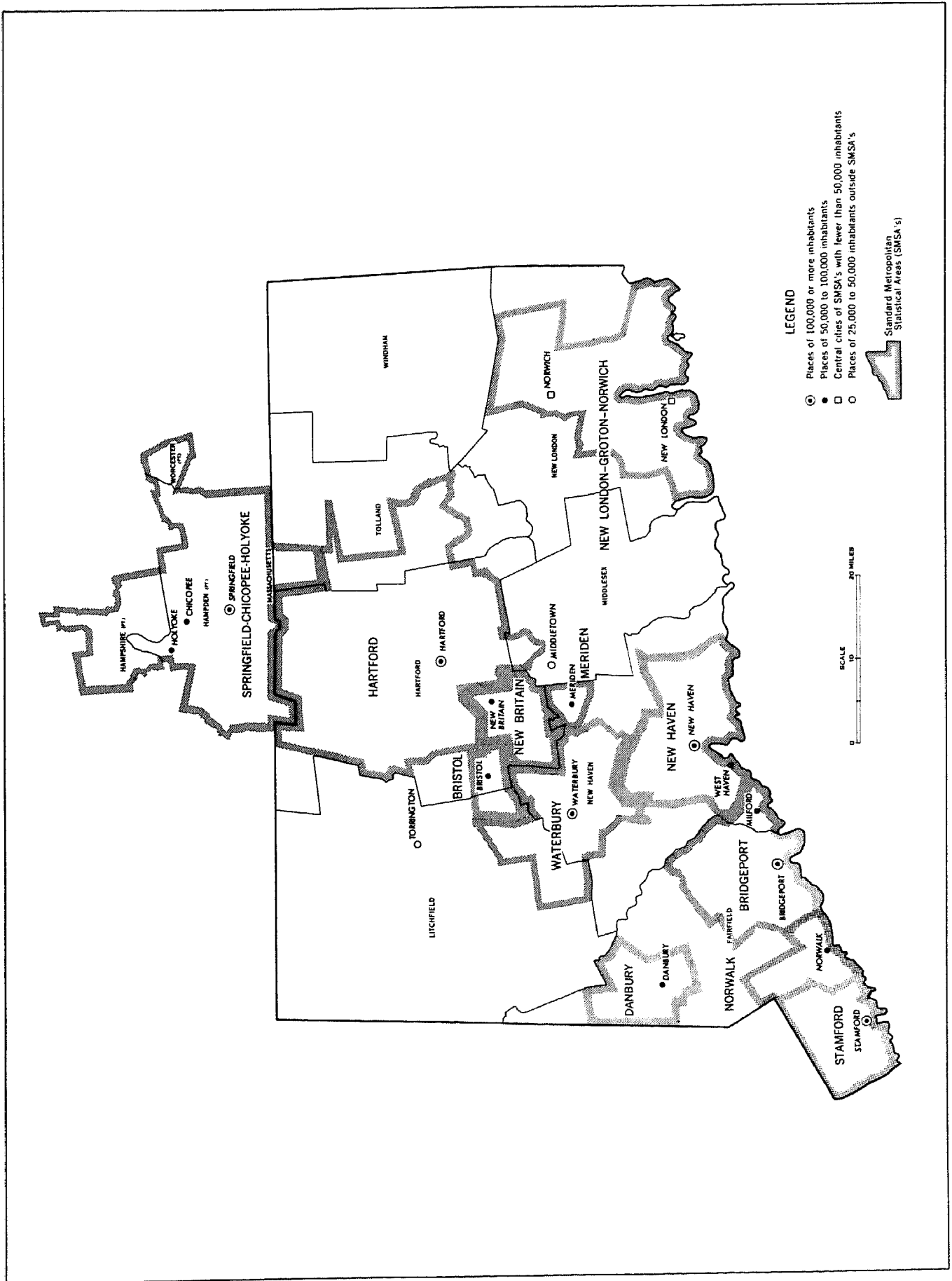


Table A-1. Value of Owner Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>22 290</b>	<b>12</b>	<b>21</b>	<b>51</b>	<b>94</b>	<b>139</b>	<b>771</b>	<b>2 065</b>	<b>5 393</b>	<b>6 214</b>	<b>7 530</b>	<b>41 300</b>
<b>ROOMS</b>												
1 and 2 rooms	21	-	6	-	-	5	-	-	5	-	5	---
3 rooms	159	-	-	4	-	24	24	19	35	44	9	27 400
4 rooms	1 543	-	-	26	22	18	229	494	564	135	55	24 800
5 rooms	3 306	6	6	11	45	46	224	576	1 408	798	184	30 200
6 rooms	5 585	-	5	5	13	37	197	681	2 158	1 840	649	33 600
7 rooms	4 465	6	4	5	7	9	77	210	864	1 976	1 307	43 000
8 rooms or more	7 211	-	-	-	7	-	20	85	359	1 421	5 319	50000+
Median	6.6	...	...	...	...	5.0	5.1	5.4	5.8	6.6	7.5+	---
<b>PERSONS</b>												
1 person	1 669	-	6	14	31	47	147	277	453	385	309	31 900
2 persons	5 777	-	15	18	19	49	244	844	1 509	1 556	1 523	36 800
3 persons	3 920	-	-	14	-	33	184	340	1 152	1 078	1 119	38 300
4 persons	4 987	12	-	5	16	5	78	312	1 052	1 586	1 921	44 600
5 persons	3 292	-	-	-	10	-	79	142	491	908	1 462	47 000
6 persons or more	2 645	-	-	-	18	5	39	150	536	701	1 196	47 300
Median	3.4	...	...	...	...	2.0	2.5	2.4	3.1	3.6	3.9	---
Units with roomers, boarders, or lodgers	260	-	-	-	11	-	23	13	62	89	62	38 500
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>												
0.50 or less	12 997	-	21	32	33	98	461	1 252	2 683	3 334	5 083	43 600
0.51 to 1.00	8 683	6	-	15	27	31	255	707	2 518	2 775	2 349	39 200
1.01 to 1.50	394	-	-	-	11	5	27	82	148	86	35	29 900
1.51 or more	46	-	-	-	-	-	17	12	4	-	13	---
<b>Lacking some or all plumbing facilities</b>												
0.50 or less	170	6	-	4	23	5	11	12	40	19	50	31 000
0.51 to 1.00	110	-	-	-	17	5	5	12	28	14	29	30 700
1.01 to 1.50	54	6	-	4	-	-	6	-	12	5	21	---
1.51 or more	6	-	-	-	-	-	-	-	-	-	-	---
<b>BEDROOMS</b>												
None and 1	465	-	19	22	21	18	41	127	96	80	41	24 400
2	4 030	-	21	20	104	41	395	864	1 577	689	319	28 600
3	10 129	-	-	-	59	21	261	1 021	3 202	3 440	2 125	37 200
4 or more	7 489	-	-	-	-	-	22	192	660	1 751	4 864	50000+
<b>YEAR STRUCTURE BUILT</b>												
<b>1969 to March 1970</b>												
1965 to 1968	2 386	-	-	-	-	-	23	33	195	466	1 669	50000+
1960 to 1964	3 414	-	-	-	-	5	18	166	587	1 190	1 448	46 700
1950 to 1959	7 425	6	-	-	6	5	129	599	1 895	2 649	2 136	41 100
1940 to 1949	2 469	-	-	10	-	25	160	349	922	571	432	32 500
1939 or earlier	6 175	6	21	41	88	104	441	918	1 735	1 276	1 545	33 500
<b>COMPLETE BATHROOMS</b>												
1 and 1/2	11 325	8	11	43	31	147	701	1 833	4 260	3 475	816	31 800
2 and 2 1/2	8 163	-	-	6	4	5	90	190	1 005	2 600	4 263	50000+
3 or more	2 657	-	-	-	10	-	-	-	45	181	2 421	50000+
None or also used by another household	243	7	-	6	15	12	14	13	48	54	74	36 800
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>												
Male head, wife present, no nonrelatives	20 621	12	15	37	63	92	624	1 788	4 940	5 829	7 221	42 000
Under 25 years	18 532	6	-	28	38	68	542	1 486	4 433	5 302	6 623	42 500
25 to 34 years	90	-	-	-	-	5	11	63	6	6	5	---
35 to 44 years	2 437	-	-	-	6	10	48	129	831	910	503	38 200
45 to 64 years	5 245	-	-	-	7	5	55	258	1 097	1 513	2 310	46 900
65 years and over	9 043	6	-	13	20	31	316	783	1 947	2 536	3 391	43 300
Other male head	1 717	-	6	15	5	22	118	305	495	337	414	32 800
Under 65 years	698	-	-	-	12	10	44	84	132	158	258	41 400
65 years and over	538	-	-	-	7	6	34	62	92	122	215	43 400
Female head	1 60	-	-	-	5	4	10	22	40	36	43	34 800
Under 65 years	1 391	6	9	9	13	14	38	218	375	369	340	35 500
65 years and over	962	-	5	5	4	14	24	117	265	286	242	37 500
One-person households	429	6	4	4	9	-	14	101	110	83	98	32 000
Under 65 years	1 669	-	6	14	31	47	147	277	453	385	309	31 900
65 years and over	812	-	6	8	4	29	49	124	222	178	192	33 400
Median	857	-	-	6	27	18	98	153	231	207	117	30 500
<b>INCOME IN 1969</b>												
Less than \$2,000	767	-	-	-	31	15	77	145	197	164	129	30 400
\$2,000 to \$2,999	357	6	-	15	4	5	56	74	81	74	42	27 300
\$3,000 to \$3,999	389	-	6	-	5	19	33	61	147	45	73	29 800
\$4,000 to \$4,999	320	-	-	-	-	4	42	86	87	36	65	28 200
\$5,000 to \$5,999	417	-	4	3	5	14	22	89	102	104	74	32 000
\$6,000 to \$6,999	440	-	-	5	-	4	21	95	134	96	85	32 100
\$7,000 to \$9,999	2 157	-	6	5	11	30	161	402	785	522	235	30 900
\$10,000 to \$14,999	5 126	6	5	5	7	44	183	563	2 031	1 525	757	33 600
\$15,000 to \$24,999	6 975	-	-	9	31	4	146	471	1 505	2 571	2 238	42 700
\$25,000 or more	5 342	-	-	-	-	-	30	79	324	1 077	3 832	50000+
Median	\$16 700	...	...	...	...	\$7 900	\$9 500	\$10 700	\$12 900	\$17 100	\$25 500	---
<b>YEAR MOVED INTO UNIT</b>												
<b>1969 to March 1970</b>												
1968	2 044	-	-	-	-	5	16	38	439	525	1 021	50 000
1967	1 862	-	-	-	10	-	16	88	308	581	859	48 100
1966	1 644	-	-	-	-	8	20	53	366	442	755	47 700
1965 and 1966	3 109	-	-	6	-	18	57	191	565	997	1 275	45 800
1960 to 1964	4 765	-	-	-	-	7	140	380	1 138	1 401	1 699	42 700
1950 to 1959	5 919	15	-	24	19	52	230	699	1 580	1 772	1 528	37 900
1949 or earlier	3 045	-	11	25	31	74	326	587	962	592	437	29 900
<b>HEATING EQUIPMENT</b>												
Steam or hot water	14 971	-	6	27	33	54	381	1 001	3 164	4 503	5 802	44 400
Warm-air furnace	6 511	6	-	5	51	80	364	987	2 023	1 534	1 461	33 700
Built-in electric units	319	-	4	5	-	-	-	5	52	97	156	49 500
Floor, wall, or pipeless furnace	192	6	-	-	6	-	11	36	42	38	53	33 800
Other means	297	-	11	14	4	5	15	36	112	42	58	30 700
None	-	-	-	-	-	-	-	-	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	7 879	8	-	12	9	18	150	526	1 696	2 445	3 015	44 300
Central system	680	-	-	-	10	-	-	9	57	145	459	50000+
None	13 829	7	11	43	41	146	655	1 501	3 605	3 720	4 100	38 700

<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>11 678</b>	<b>128</b>	<b>170</b>	<b>207</b>	<b>199</b>	<b>833</b>	<b>1 331</b>	<b>2 474</b>	<b>3 366</b>	<b>1 662</b>	<b>792</b>	<b>516</b>	<b>134</b>
<b>ROOMS</b>													
1 room	601	31	31	89	57	149	105	72	33	5	6	23	87
2 rooms	971	16	93	28	27	100	150	310	207	26	4	10	126
3 rooms	2 882	49	28	55	44	215	373	876	1 059	79	17	87	142
4 rooms	3 419	27	13	26	57	221	460	702	1 192	587	31	103	156
5 rooms	2 090	5	5	9	14	115	194	358	628	554	113	95	174
6 rooms	837	-	-	-	-	24	26	128	197	233	194	35	211
7 rooms	483	-	-	-	-	9	17	28	40	119	190	80	290
8 rooms or more	395	-	-	-	-	-	6	-	10	59	237	83	300+
Median	3.9	2.8	2.1	2.0	2.9	3.3	3.6	3.5	3.8	4.7	6.7	4.9	...
<b>PERSONS</b>													
1 person	2 949	97	116	164	127	335	444	606	671	202	55	132	126
2 persons	3 324	11	27	13	33	229	382	827	1 128	391	117	166	153
3 persons	2 121	4	22	13	9	90	185	523	643	434	131	67	142
4 persons	1 598	11	-	8	5	92	110	279	456	339	240	58	179
5 persons	829	5	-	4	9	34	81	82	283	145	139	47	181
6 persons or more	857	-	5	5	16	53	129	157	185	151	110	46	211
Median	2.4	1.2	1.2	1.1	1.3	1.9	2.1	2.3	2.4	3.0	3.9	2.3	...
Units with roomers, boarders, or lodgers	416	-	-	9	8	9	33	66	136	87	51	17	177
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>11 205</b>	<b>97</b>	<b>152</b>	<b>130</b>	<b>144</b>	<b>705</b>	<b>1 260</b>	<b>2 450</b>	<b>3 354</b>	<b>1 640</b>	<b>792</b>	<b>481</b>	<b>156</b>
0.50 or less	4 700	72	94	79	83	304	566	955	1 251	638	371	287	152
0.51 to 1.00	5 263	25	44	42	32	310	481	1 214	1 698	851	400	166	162
1.01 to 1.50	941	-	5	5	25	82	160	193	305	130	17	19	149
1.51 or more	301	-	-	4	4	9	53	88	100	21	4	9	143
<b>Lacking some or all plumbing facilities</b>	<b>473</b>	<b>31</b>	<b>18</b>	<b>77</b>	<b>55</b>	<b>128</b>	<b>71</b>	<b>24</b>	<b>12</b>	<b>22</b>	<b>-</b>	<b>35</b>	<b>84</b>
0.50 or less	98	5	-	4	13	15	29	-	-	17	-	15	...
0.51 to 1.00	314	26	18	68	38	97	12	24	6	5	-	20	79
1.01 to 1.50	22	-	-	-	-	4	12	-	6	-	-	-	...
1.51 or more	39	-	-	5	4	12	18	-	-	-	-	-	...
<b>BEDROOMS</b>													
None	579	-	28	68	77	176	107	39	20	-	-	64	88
1	4 050	43	130	94	83	455	488	1 249	1 285	180	22	21	137
2	4 616	129	57	31	25	315	639	631	1 639	872	148	130	163
3 or more	2 579	-	-	22	-	88	211	340	505	505	672	236	201
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	119	-	-	4	-	-	5	14	35	31	25	5	199
1965 to 1968	988	-	72	-	-	-	17	99	435	235	97	33	183
1960 to 1964	1 036	11	34	15	-	15	40	131	398	263	103	26	183
1950 to 1959	1 866	9	28	-	19	90	254	252	570	370	171	103	170
1940 to 1949	1 427	40	5	22	35	95	163	338	375	162	138	54	149
1939 or earlier	6 242	68	31	166	145	633	852	1 640	1 553	601	258	295	140
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	634	-	-	-	20	28	45	141	256	102	-	42	162
With elevator	361	-	-	-	-	-	22	23	194	102	-	20	...
Walk-up	273	-	-	-	20	28	23	118	62	-	-	22	...
1 to 3 floors	11 190	172	215	215	165	1 006	1 400	2 118	3 193	1 455	842	409	152
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	10 114	92	124	126	143	628	1 156	2 417	3 242	1 481	331	374	153
2 or more	868	-	-	16	-	-	20	32	41	178	459	122	300+
None or also used by another household	652	37	33	72	56	148	132	64	43	34	-	33	90
<b>INCOME IN 1969</b>													
Less than \$2,000	1 132	53	90	63	62	56	143	259	224	79	21	82	127
\$2,000 to \$2,999	626	12	20	27	11	132	112	95	140	38	6	33	117
\$3,000 to \$3,999	570	25	25	29	9	48	82	156	124	46	7	19	131
\$4,000 to \$4,999	754	5	16	19	21	83	108	198	212	50	17	27	137
\$5,000 to \$5,999	800	-	-	26	21	125	157	164	220	47	11	24	130
\$6,000 to \$6,999	814	5	-	14	14	84	129	211	228	85	18	23	141
\$7,000 to \$7,999	2 424	6	15	16	31	127	323	603	756	349	99	99	153
\$10,000 to \$14,999	2 772	17	-	8	30	129	214	597	1 012	500	171	94	167
\$15,000 to \$24,999	1 336	-	4	-	-	47	39	166	397	353	245	81	196
\$25,000 or more	450	-	-	-	-	-	24	25	53	115	199	34	292
Median	\$8 400	\$2 900	\$2000-	\$3 500	\$4 800	\$5 800	\$6 500	\$7 800	\$9 100	\$11 400	\$17 000	\$8 500	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	4 043	26	12	57	40	138	288	786	1 252	814	515	115	175
1968	1 797	23	6	12	24	62	229	424	542	320	122	33	159
1967	1 061	-	48	6	5	40	158	271	305	162	50	36	149
1965 and 1966	1 628	-	57	35	21	114	143	348	597	216	52	45	156
1960 to 1964	1 599	33	28	51	26	201	250	365	419	110	42	74	134
1950 to 1959	985	26	-	36	38	179	153	228	144	62	9	110	121
1949 or earlier	501	21	6	17	45	42	87	91	67	9	-	116	134
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	600	28	19	28	30	116	91	116	95	54	23	...	117
10 to 14 percent	1 798	30	11	28	45	185	282	464	490	195	68	...	141
15 to 19 percent	2 027	12	15	32	28	141	219	483	700	279	118	...	156
20 to 24 percent	1 713	-	21	11	14	132	235	399	542	266	93	...	154
25 to 34 percent	1 826	25	14	36	9	57	164	338	616	379	188	...	172
35 percent or more	2 991	27	80	72	62	177	307	620	881	473	292	...	159
Not computed	723	6	10	-	11	25	33	54	42	16	10	516	130
<b>AIR CONDITIONING</b>													
Room unit(s)	2 687	5	7	18	5	65	195	424	1 047	549	208	164	176
Central system	98	-	-	-	-	-	14	7	33	9	21	14	...
None	8 849	124	150	196	194	711	1 099	2 082	2 246	1 135	561	351	146

<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>24 942</b>	<b>1 040</b>	<b>497</b>	<b>523</b>	<b>419</b>	<b>572</b>	<b>602</b>	<b>2 525</b>	<b>5 727</b>	<b>7 454</b>	<b>5 583</b>	<b>15 800</b>
<b>ROOMS</b>												
1 and 2 rooms -----	64	17	—	15	—	10	6	6	5	5	—	...
3 rooms -----	474	74	42	28	37	45	49	57	87	50	5	6 200
4 rooms -----	2 363	239	121	101	87	145	94	494	641	394	47	9 400
5 rooms -----	3 927	204	115	122	66	111	150	669	1 184	1 026	280	12 200
6 rooms -----	5 952	257	113	115	131	157	152	707	1 875	1 766	679	13 600
7 rooms or more -----	12 162	249	106	142	98	104	151	592	1 935	4 213	4 572	21 400
<b>PERSONS</b>												
1 person -----	2 226	614	202	178	117	174	152	285	248	187	69	5 000
2 persons -----	6 634	257	207	244	213	234	234	922	1 558	1 570	1 195	13 200
3 and 4 persons -----	9 651	113	52	83	56	111	127	911	2 507	3 328	2 363	17 600
5 persons -----	3 602	15	20	9	12	24	53	236	876	1 278	1 079	19 400
6 persons or more -----	2 829	41	16	9	21	29	36	171	538	1 091	877	20 100
Units with roomers, boarders, or lodgers -----	346	32	11	22	14	19	15	41	74	75	43	11 300
<b>BEDROOMS</b>												
Less than 3 -----	6 277	528	402	338	215	269	353	1 277	1 497	1 080	318	9 400
3 -----	10 775	240	139	222	238	134	200	945	3 312	3 486	1 859	14 900
4 or more -----	7 904	138	105	94	43	94	166	403	751	3 048	3 062	22 100
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 -----	451	3	—	—	—	7	—	47	96	133	165	20 500
1960 to 1968 -----	6 242	135	31	83	63	70	74	412	1 254	2 164	1 956	19 600
1950 to 1959 -----	7 775	179	96	119	74	124	131	858	1 871	2 560	1 763	16 700
1949 or earlier -----	10 474	723	370	321	282	371	397	1 208	2 506	2 597	1 699	13 100
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 -----	2 272	33	31	25	12	36	41	218	517	853	506	17 600
1968 -----	2 035	21	13	50	43	33	64	127	426	709	549	18 400
1960 to 1967 -----	10 258	313	72	118	99	159	131	976	2 362	3 235	2 793	17 800
1959 or earlier -----	10 388	745	331	288	257	355	345	1 180	2 487	2 560	1 840	13 400
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine -----	22 236	624	367	384	318	343	557	2 183	5 197	7 163	5 100	16 600
Clothes dryer -----	15 727	364	122	99	80	173	192	1 187	3 357	5 605	4 548	19 100
Dishwasher -----	12 789	221	163	187	59	153	227	579	1 775	5 048	4 377	21 000
Home food freezer -----	7 332	142	158	80	40	97	150	615	1 321	2 384	2 345	19 500
Owned second home -----	1 675	41	19	—	21	—	—	172	243	498	681	21 900
With air conditioning -----	9 317	221	106	116	72	127	197	741	2 007	2 950	2 780	18 600
Room unit(s) -----	8 581	201	94	110	72	120	190	718	1 914	2 807	2 355	18 100
Central system -----	736	20	12	6	—	7	7	23	93	143	425	29 800
Automobiles available:												
1 -----	6 917	513	223	248	263	334	351	1 194	1 659	1 408	724	11 000
2 -----	13 935	201	80	111	82	161	187	1 072	3 596	4 616	3 829	18 200
3 or more -----	3 159	28	7	24	5	18	9	124	504	1 305	1 135	21 600
<b>Renter occupied housing units</b> -----	<b>11 839</b>	<b>1 148</b>	<b>637</b>	<b>576</b>	<b>758</b>	<b>809</b>	<b>839</b>	<b>2 447</b>	<b>2 799</b>	<b>1 365</b>	<b>461</b>	<b>8 400</b>
<b>ROOMS</b>												
1 room -----	601	117	88	51	24	64	72	96	60	18	11	5 300
2 rooms -----	984	213	124	66	119	100	78	120	121	37	6	4 700
3 rooms -----	2 882	311	192	159	230	253	276	544	649	227	41	7 100
4 rooms -----	3 459	258	167	171	196	245	216	870	872	398	66	8 600
5 rooms -----	2 123	134	40	65	113	84	126	544	652	263	102	9 800
6 rooms or more -----	1 790	115	26	64	76	63	71	273	445	422	235	12 300
<b>PERSONS</b>												
1 person -----	2 983	690	344	220	286	260	262	444	321	98	58	4 800
2 persons -----	3 381	212	190	129	231	251	265	700	881	409	113	8 800
3 and 4 persons -----	3 756	162	88	173	162	194	227	938	1 051	610	151	9 800
5 persons -----	850	35	9	25	55	34	40	200	266	129	57	10 500
6 persons or more -----	869	49	6	29	24	70	45	165	280	119	82	10 800
Units with roomers, boarders, or lodgers -----	422	57	28	25	59	33	37	64	92	21	6	6 200
<b>BEDROOMS</b>												
None -----	579	161	51	—	51	62	82	152	—	—	20	5 400
1 -----	4 050	425	290	269	306	568	436	688	836	190	42	6 400
2 -----	4 637	357	208	231	186	485	127	940	1 293	696	114	9 300
3 or more -----	2 644	196	21	48	187	64	125	385	778	499	341	11 900
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 -----	119	6	8	—	6	4	—	19	59	7	10	11 400
1960 to 1968 -----	2 030	188	90	89	99	107	93	352	515	369	128	10 000
1950 to 1959 -----	1 887	113	64	71	71	114	114	397	539	276	69	9 600
1949 or earlier -----	7 803	841	475	416	582	584	573	1 679	1 686	713	254	7 800
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 -----	4 085	321	168	159	270	250	344	831	1 054	472	216	8 900
1968 -----	1 817	137	81	108	86	117	54	477	418	237	102	9 000
1960 to 1967 -----	4 374	466	317	218	244	273	335	891	1 003	525	102	8 100
1959 or earlier -----	1 547	211	96	97	159	79	128	305	332	127	13	7 000
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup> -----	<b>11 678</b>	<b>1 132</b>	<b>626</b>	<b>570</b>	<b>754</b>	<b>800</b>	<b>814</b>	<b>2 424</b>	<b>2 772</b>	<b>1 336</b>	<b>450</b>	<b>8 400</b>
Less than 15 percent -----	2 398	—	7	15	16	18	38	285	947	766	308	14 300
15 to 19 percent -----	2 027	—	7	15	21	87	100	492	956	280	59	11 500
20 to 24 percent -----	1 713	—	6	26	74	170	182	709	430	81	35	8 700
25 to 34 percent -----	1 826	20	37	172	246	328	596	231	117	14	7 200	
35 percent or more -----	2 991	823	543	425	434	255	143	243	114	11	—	3 300
Not computed -----	723	289	33	19	27	24	23	99	94	81	34	4 800
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine -----	5 404	364	118	185	275	428	190	863	1 863	724	394	10 700
Clothes dryer -----	1 975	43	47	—	46	88	—	286	571	483	347	13 600
Dishwasher -----	1 383	87	15	133	20	21	—	138	340	366	263	14 100
Home food freezer -----	1 121	81	51	95	—	90	22	135	297	187	163	11 500
Owned second home -----	658	—	—	28	23	62	—	94	192	127	132	13 200
With air conditioning -----	2 859	125	96	89	93	119	181	637	796	560	163	10 600
Room unit(s) -----	2 755	111	96	89	88	113	174	618	777	542	147	10 600
Central system -----	104	14	—	—	5	6	7	19	19	18	16	...
Automobiles available:												
1 -----	5 852	402	220	231	393	406	510	1 544	1 458	486	202	8 500
2 -----	3 172	94	54	47	89	125	172	659	1 091	679	162	11 600
3 or more -----	494	—	6	16	24	21	28	106	98	126	69	12 300

<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>	<b>24 942</b>	<b>24 732</b>	<b>14 465</b>	<b>9 635</b>	<b>558</b>	<b>74</b>	<b>210</b>	<b>136</b>	<b>68</b>	<b>6</b>	<b>-</b>
<b>PERSONS</b>											
1 person	2 226	2 157	2 152	5	-	-	69	63	6	-	-
2 persons	6 634	6 593	6 411	182	-	-	41	41	-	-	-
3 persons	4 388	4 347	3 088	1 259	-	-	41	27	14	-	-
4 persons	5 263	5 241	1 970	3 256	15	-	22	5	17	-	-
5 persons	3 602	3 584	844	2 588	141	11	18	-	12	6	-
6 persons or more	2 829	2 810	-	2 345	402	63	19	-	19	-	-
Median	3.3	3.3	2.3	4.5	6.4	...	2.4	1.6	...	...	...
Units with roomers, boarders, or lodgers	346	346	191	135	20	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	460	460	302	158	-	-	-	-	-	-	-
1965 to 1968	2 687	2 657	1 493	1 121	37	6	30	8	22	-	-
1960 to 1964	3 589	3 573	1 847	1 641	62	23	16	16	-	-	-
1950 to 1959	7 760	7 725	4 194	3 307	212	12	35	12	23	-	-
1940 to 1949	2 717	2 686	1 500	1 119	59	8	31	25	6	-	-
1939 or earlier	7 740	7 652	5 169	2 242	218	23	88	60	19	9	-
<b>INCOME IN 1969</b>											
Less than \$2,000	1 040	1 011	886	121	4	-	29	29	-	-	-
\$2,000 to \$2,999	497	472	403	63	-	6	25	19	6	-	-
\$3,000 to \$3,999	523	507	452	55	-	-	16	16	-	-	-
\$4,000 to \$4,999	419	403	321	78	4	-	16	10	6	-	-
\$5,000 to \$5,999	572	572	426	121	25	-	-	-	-	-	-
\$6,000 to \$6,999	589	589	415	156	9	-	13	7	6	-	-
\$7,000 to \$9,999	2 525	2 511	1 588	885	118	-	14	8	-	6	-
\$10,000 to \$14,999	5 727	5 692	2 755	2 719	202	16	35	15	20	-	-
\$15,000 to \$24,999	7 454	7 431	3 684	3 553	149	35	23	8	15	-	-
\$25,000 or more	5 583	5 544	3 605	1 884	47	8	39	24	15	-	-
Median	\$15 800	\$15 800	\$15 200	\$16 700	\$12 900	...	\$8 300	\$4 400	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied	22 290	22 120	12 997	8 683	394	46	170	110	54	6	-
Less than 1.5	3 425	3 411	1 962	1 345	85	19	14	-	14	-	-
1.5 to 1.9	3 751	3 711	1 997	1 635	69	10	40	23	11	6	-
2.0 to 2.4	4 280	4 260	2 414	1 768	78	-	20	9	11	-	-
2.5 to 2.9	3 013	2 999	1 439	1 489	60	11	14	8	6	-	-
3.0 to 3.9	3 502	3 470	1 901	1 487	82	-	32	20	12	-	-
4.0 or more	4 140	4 090	3 135	929	20	6	50	50	-	-	-
Not computed	179	179	149	30	-	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	16 270	16 202	9 448	6 405	321	28	68	44	24	-	-
Warm-air furnace	7 556	7 438	4 333	2 866	197	42	118	78	34	6	-
Built-in electric units	369	364	200	159	5	-	5	5	-	-	-
Floor, wall, or pipeless furnace	230	224	161	52	7	4	6	-	6	-	-
Other means	517	504	323	153	28	-	13	9	4	-	-
None	-	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b>	<b>11 839</b>	<b>11 362</b>	<b>4 803</b>	<b>5 317</b>	<b>941</b>	<b>301</b>	<b>477</b>	<b>102</b>	<b>314</b>	<b>22</b>	<b>39</b>
<b>PERSONS</b>											
1 person	2 983	2 625	2 409	216	-	-	358	87	271	-	-
2 persons	3 381	3 314	1 941	1 322	-	51	67	15	22	-	30
3 persons	2 131	2 097	326	1 690	63	18	34	-	21	4	9
4 persons	1 625	1 619	78	1 336	172	33	6	-	-	6	-
5 persons	850	850	49	461	277	63	-	-	-	-	-
6 persons or more	869	857	-	292	429	136	12	-	-	12	-
Median	2.4	2.4	1.5	3.2	5.4	5.3	1.2	1.1	1.1	...	...
Units with roomers, boarders, or lodgers	422	413	172	193	31	17	9	-	-	-	9
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	136	136	100	23	-	13	-	-	-	-	-
1965 to 1968	1 045	1 019	456	489	51	23	26	21	5	-	-
1960 to 1964	999	999	381	518	90	10	-	-	-	-	-
1950 to 1959	1 856	1 835	569	945	256	65	21	7	14	-	-
1940 to 1949	1 423	1 383	461	743	126	53	40	7	16	17	-
1939 or earlier	6 364	5 954	2 798	2 608	394	154	410	64	281	14	51
<b>INCOME IN 1969</b>											
Less than \$2,000	1 148	1 015	716	221	53	25	133	28	94	-	11
\$2,000 to \$2,999	637	549	343	190	16	-	88	22	45	4	17
\$3,000 to \$3,999	576	552	255	228	51	18	24	4	20	-	-
\$4,000 to \$4,999	758	717	399	235	64	19	41	23	18	-	-
\$5,000 to \$5,999	809	751	330	317	87	17	58	10	35	6	7
\$6,000 to \$6,999	839	794	355	365	56	18	45	-	41	-	4
\$7,000 to \$9,999	2 447	2 394	870	1 228	230	66	53	4	37	12	-
\$10,000 to \$14,999	2 799	2 770	868	1 517	269	116	29	5	24	-	-
\$15,000 to \$24,999	1 365	1 359	438	818	81	22	6	6	-	-	-
\$25,000 or more	461	461	229	198	34	-	-	-	-	-	-
Median	\$8 400	\$8 600	\$7 000	\$9 700	\$8 900	\$9 400	\$3 700	\$3 300	\$3 900	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied	11 678	11 205	4 700	5 263	941	301	473	98	314	22	39
Less than 10 percent	600	583	196	294	80	13	17	-	17	-	-
10 to 14 percent	1 798	1 739	598	938	147	56	59	10	45	-	4
15 to 19 percent	2 027	1 954	529	1 144	211	70	73	6	54	6	7
20 to 24 percent	1 713	1 684	691	823	115	55	29	5	18	6	-
25 to 34 percent	1 826	1 764	750	801	162	51	62	23	33	6	-
35 percent or more	2 991	2 821	1 532	1 065	190	34	170	39	99	4	28
Not computed	723	660	404	198	36	22	63	15	48	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	6 671	6 376	2 668	3 080	478	150	295	30	226	22	17
Warm-air furnace	2 961	2 886	1 262	1 316	243	65	75	13	52	-	10
Built-in electric units	689	676	300	290	56	30	13	13	-	-	-
Floor, wall, or pipeless furnace	329	313	134	148	22	9	16	4	12	-	-
Other means	1 141	1 070	422	477	129	42	71	42	24	-	5
None	48	41	17	6	13	5	7	-	-	-	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> -----	24 942	16	48	474	2 363	3 927	5 952	4 652	7 510	6.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access -----	24 680	14	39	394	2 247	3 907	5 792	4 727	7 560	6.5
<b>PERSONS</b>										
1 person -----	2 226	11	38	209	517	455	490	273	233	5.2
2 persons -----	6 634	-	10	172	1 013	1 537	1 854	1 042	1 006	5.8
3 persons -----	4 388	-	-	62	438	773	1 074	976	1 065	6.4
4 persons -----	5 263	-	-	15	220	611	1 282	1 160	1 975	6.9
5 persons -----	3 602	-	-	11	147	355	737	661	1 691	7.3
6 persons or more -----	2 829	5	-	5	28	196	515	540	1 540	7.5+
Median -----	3.3	...	...	1.7	2.2	2.5	3.1	3.5	4.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities -----	24 732	10	43	457	2 324	3 906	5 911	4 621	7 440	6.5
0.50 or less -----	14 465	-	33	196	1 507	1 971	3 388	2 277	5 093	6.6
0.51 to 1.00 -----	9 635	5	10	230	648	1 739	2 372	2 302	2 329	6.4
1.01 to 1.50 -----	558	-	-	15	146	174	151	34	2	5.2
1.51 or more -----	74	5	-	16	23	22	-	8	-	...
Lacking some or all plumbing facilities -----	210	6	5	17	39	21	41	31	50	5.9
0.50 or less -----	136	-	5	13	23	21	30	14	30	5.7
0.51 to 1.00 -----	68	6	-	4	10	-	11	17	20	...
1.01 to 1.50 -----	6	-	-	-	6	-	-	-	-	...
1.51 or more -----	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1 -----	1 147	22	40	550	390	106	39	-	-	3.4
2 -----	5 130	-	-	85	2 077	2 002	819	87	60	4.7
3 -----	10 775	-	-	-	108	1 698	5 044	2 761	1 164	6.2
4 or more -----	7 904	-	-	-	-	43	496	1 509	5 856	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 -----	451	-	-	-	30	18	27	68	308	7.5+
1960 to 1968 -----	6 242	5	15	31	378	551	973	1 265	3 024	7.4
1950 to 1959 -----	7 775	-	10	109	688	1 468	2 063	1 571	1 866	6.3
1949 or earlier -----	10 474	11	23	334	1 267	1 890	2 889	1 748	2 312	6.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 -----	13 186	14	24	370	2 096	3 292	3 961	2 279	1 150	5.7
2 or more -----	11 500	-	15	24	157	615	1 631	2 448	6 410	7.5+
None or also used by another household -----	267	-	6	28	40	12	48	60	73	6.5
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup> -----	22 290	10	11	159	1 543	3 306	5 585	4 465	7 211	6.6
Less than 1.5 -----	3 425	-	6	20	213	504	756	633	1 293	6.8
1.5 to 1.9 -----	3 751	-	-	18	223	535	875	814	1 286	6.8
2.0 to 2.9 -----	7 293	10	-	39	390	993	1 853	1 602	2 406	6.7
3.0 or more -----	7 642	-	5	78	681	1 261	2 049	1 386	2 182	6.4
Not computed -----	179	-	-	4	36	13	52	30	44	6.2
<b>Renter occupied housing units</b> -----	11 839	601	984	2 882	3 459	2 123	880	490	420	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access -----	11 041	217	911	2 780	3 282	2 051	918	498	384	4.0
<b>PERSONS</b>										
1 person -----	2 983	487	663	1 011	552	151	60	33	26	2.8
2 persons -----	3 381	81	212	1 132	1 143	559	135	57	62	3.7
3 persons -----	2 131	27	67	473	780	458	191	75	60	4.1
4 persons -----	1 625	-	33	178	565	425	181	165	78	4.6
5 persons -----	850	6	4	53	277	211	143	54	102	4.9
6 persons or more -----	869	-	5	35	142	319	170	106	92	5.3
Median -----	2.4	1.1	1.2	1.9	2.5	3.3	3.6	4.0	4.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities -----	11 362	291	929	2 840	3 418	2 100	874	490	420	4.0
0.50 or less -----	4 803	-	623	996	1 665	699	380	165	275	4.0
0.51 to 1.00 -----	5 317	216	201	1 584	1 340	1 088	428	320	140	4.0
1.01 to 1.50 -----	941	-	63	172	370	269	62	5	-	4.1
1.51 or more -----	301	75	42	88	43	44	4	-	5	2.9
Lacking some or all plumbing facilities -----	477	310	55	42	41	23	6	-	-	1.3
0.50 or less -----	102	-	40	15	30	11	6	-	-	3.2
0.51 to 1.00 -----	314	271	11	21	5	6	-	-	-	1.1
1.01 to 1.50 -----	22	-	4	6	6	6	-	-	-	...
1.51 or more -----	39	39	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None -----	579	499	80	-	-	-	-	-	-	1.1
1 -----	4 050	-	828	2 493	644	85	-	-	-	3.0
2 -----	4 637	-	-	427	2 962	1 119	85	44	-	4.1
3 or more -----	2 644	-	-	-	42	1 055	572	393	582	5.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 -----	119	10	9	50	16	19	5	4	6	3.3
1960 to 1968 -----	2 030	75	267	549	634	253	72	47	133	3.7
1950 to 1959 -----	1 887	46	87	405	644	424	163	96	22	4.1
1949 or earlier -----	7 803	470	621	1 878	2 165	1 427	640	343	259	3.9
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 -----	10 231	255	911	2 777	3 259	1 933	729	259	108	3.9
2 or more -----	927	14	7	20	62	118	189	239	276	6.7
None or also used by another household -----	665	371	83	72	95	30	14	-	-	1.4
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup> -----	11 678	601	971	2 882	3 419	2 090	837	483	395	3.9
Less than 10 percent -----	600	42	25	136	185	136	49	21	6	4.0
10 to 14 percent -----	1 796	87	136	444	555	347	133	68	28	3.9
15 to 19 percent -----	2 027	102	113	529	661	378	143	55	46	3.9
20 to 24 percent -----	1 713	71	83	441	584	321	110	58	45	3.9
25 to 34 percent -----	1 826	65	140	428	526	389	167	55	56	4.0
35 percent or more -----	2 991	183	440	751	760	400	191	146	120	3.7
Not computed -----	723	51	34	153	148	119	44	80	94	4.3

<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 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	24 942	22 873	1 798	271	11 839	2 892	2 907	1 905	1 229	1 628	1 263	15
<b>ROOMS</b>												
1 room	16	10	6	-	601	31	21	37	185	174	153	-
2 rooms	48	11	12	25	984	113	57	212	179	216	207	-
3 rooms	474	180	209	85	2 882	261	653	591	401	592	376	8
4 rooms	2 363	1 579	666	118	3 459	568	1 032	724	302	422	411	7
5 rooms	3 927	3 366	535	26	2 123	613	860	251	105	167	100	-
6 rooms	5 952	5 719	216	17	880	521	207	69	32	41	10	-
7 rooms	4 652	4 561	91	-	490	389	63	11	5	16	6	-
8 rooms or more	7 510	7 447	63	-	420	396	14	10	-	-	-	-
Median	6.4	6.6	4.5	3.7	3.9	5.3	4.2	3.7	3.1	3.2	3.2	-
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	24 732	22 703	1 769	260	11 362	2 851	2 886	1 830	1 102	1 510	1 168	15
0.50 or less	14 465	13 403	909	153	4 803	1 354	1 104	785	469	561	526	4
0.51 to 1.00	9 635	8 857	699	79	5 317	1 297	1 500	832	491	670	516	11
1.01 to 1.50	558	394	136	28	941	166	214	170	113	195	83	-
1.51 or more	74	49	25	-	301	34	68	43	29	84	43	-
Lacking some or all plumbing facilities	210	170	29	11	477	41	21	75	127	118	93	-
0.50 or less	136	110	15	11	102	29	10	38	12	-	13	-
0.51 to 1.00	68	54	14	-	314	12	5	26	86	112	73	-
1.01 to 1.50	6	6	-	-	22	-	-	6	-	6	4	-
1.51 or more	-	-	-	-	39	-	-	5	29	-	5	-
<b>BEDROOMS</b>												
None	22	-	22	-	579	25	-	44	192	191	127	-
1	1 125	465	573	87	4 050	355	771	960	664	739	561	-
2	5 130	4 166	828	136	4 637	945	1 512	694	458	539	467	20
3	10 775	10 325	409	41	1 771	832	460	207	132	64	56	22
4 or more	7 904	7 749	155	-	873	665	87	22	-	77	22	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	451	427	11	13	119	20	14	8	11	45	21	-
1965 to 1968	2 614	2 437	117	60	994	171	157	37	47	247	331	4
1960 to 1964	3 628	3 460	107	61	1 036	227	171	45	63	280	243	7
1950 to 1959	7 775	7 545	112	118	1 887	601	193	197	126	470	296	4
1940 to 1949	2 696	2 538	153	5	1 438	514	428	191	106	107	92	-
1939 or earlier	7 778	6 466	1 298	14	6 365	1 359	1 944	1 427	876	479	280	-
<b>INCOME IN 1969</b>												
Less than \$2,000	1 040	800	217	23	1 148	169	218	244	157	209	144	7
\$2,000 to \$2,999	497	371	110	16	637	75	100	198	66	109	89	-
\$3,000 to \$3,999	523	403	96	24	576	78	106	78	78	87	61	4
\$4,000 to \$4,999	419	332	72	15	758	132	211	151	88	105	71	-
\$5,000 to \$5,999	572	443	96	33	809	135	182	123	155	155	80	-
\$6,000 to \$6,999	602	476	117	9	839	184	187	129	122	131	86	-
\$7,000 to \$9,999	2 525	2 188	281	56	2 447	525	698	392	274	340	218	-
\$10,000 to \$14,999	5 727	5 195	456	76	2 799	667	841	411	232	351	297	-
\$15,000 to \$24,999	7 454	7 121	314	19	1 365	602	302	69	77	132	179	4
\$25,000 or more	5 583	5 544	39	-	461	325	54	23	12	9	38	-
Median	\$15 800	\$16 700	\$9 000	\$7 800	\$8 400	\$11 100	\$8 900	\$6 600	\$6 800	\$7 200	\$8 400	-
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 272	2 072	152	48	4 085	1 044	853	722	389	516	561	-
1968	2 035	1 903	119	13	1 817	401	480	255	170	307	204	-
1967	1 799	1 666	94	39	1 105	283	229	211	103	160	119	-
1965 and 1966	3 341	3 179	131	31	1 652	377	376	204	202	224	262	7
1960 to 1964	5 118	4 864	183	71	1 617	358	406	292	199	253	109	-
1950 to 1959	6 092	5 684	353	55	936	271	278	148	68	120	51	-
1949 or earlier	4 296	3 581	708	7	611	166	84	708	48	46	17	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	11 678	2 731	2 907	1 905	1 229	1 628	1 263	15
Less than \$50	...	...	...	...	128	15	21	22	9	45	16	-
\$50 to \$59	...	...	...	...	170	4	6	11	19	53	77	-
\$60 to \$69	...	...	...	...	207	9	28	57	48	50	15	-
\$70 to \$79	...	...	...	...	199	-	59	37	46	42	15	-
\$80 to \$99	...	...	...	...	833	75	206	160	161	161	66	4
\$100 to \$119	...	...	...	...	1 331	185	377	323	198	207	34	7
\$120 to \$149	...	...	...	...	2 474	259	773	626	328	267	221	-
\$150 to \$199	...	...	...	...	3 366	406	942	536	362	596	524	-
\$200 to \$299	...	...	...	...	1 662	746	368	94	33	182	239	-
\$300 or more	...	...	...	...	792	724	28	6	6	5	23	-
No cash rent	...	...	...	...	514	308	99	33	19	20	33	4
Median	...	...	...	...	\$154	\$235	\$147	\$136	\$131	\$148	\$166	-
<b>HEATING EQUIPMENT</b>												
Steam or hot water	16 270	15 325	928	17	6 671	1 570	1 475	995	687	1 105	839	-
Warm-air furnace	7 556	6 708	667	181	2 961	989	941	463	230	190	148	-
Built-in electric units	369	325	44	-	689	51	103	41	97	180	217	-
Floor, wall, or pipeless furnace	230	197	33	-	329	96	100	30	32	58	13	-
Other means	517	318	126	73	1 141	172	283	376	160	89	46	15
None	-	-	-	-	48	14	5	-	23	6	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	8 581	8 086	402	93	2 755	726	394	231	-	525	622	-
Central system	736	724	5	7	104	45	11	7	-	13	28	-
None	15 636	14 139	1 333	164	8 964	2 129	2 467	1 678	922	1 088	673	7
<b>AUTOMOBILES AVAILABLE</b>												
1	6 917	6 111	659	147	5 852	1 258	1 391	968	644	871	713	7
2	13 935	13 188	658	89	3 172	1 142	873	409	162	324	262	-
3 or more	3 159	2 989	165	5	494	292	102	26	13	20	41	-
None	942	661	258	23	2 305	208	506	513	360	411	307	-

<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> .....	24 942	132	2 683	5 578	9 805	2 032	649	203	1 094	540	1 042	1 184
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	24 732	132	2 672	5 568	9 735	2 009	649	199	1 086	525	1 025	1 132
0.50 or less .....	14 465	66	958	1 839	5 945	1 729	395	166	777	438	1 020	1 132
0.51 to 1.00 .....	9 635	66	1 614	3 443	3 595	270	240	28	299	75	5	—
1.01 to 1.50 .....	558	—	96	250	170	5	14	5	6	12	—	—
1.51 or more .....	74	—	4	36	25	—	—	—	4	—	—	—
Lacking some or all plumbing facilities .....	210	—	11	10	70	23	—	4	8	15	17	52
0.50 or less .....	136	—	—	5	38	13	—	4	8	5	11	52
0.51 to 1.00 .....	68	—	5	5	32	10	—	—	—	10	6	—
1.01 to 1.50 .....	6	—	—	—	—	—	—	—	—	—	—	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>												
1 .....	22 873	90	2 454	5 359	9 233	1 796	579	174	982	442	855	909
2 or more .....	1 798	37	175	208	521	217	55	29	92	92	138	234
Mobile home or trailer .....	271	5	54	11	51	19	15	—	20	6	49	41
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	1 040	5	19	25	106	98	14	13	90	56	119	495
\$2,000 to \$2,999 .....	497	9	5	32	33	143	—	12	15	46	46	156
\$3,000 to \$3,999 .....	523	—	9	53	14	158	10	15	45	41	64	114
\$4,000 to \$4,999 .....	419	—	22	9	41	150	19	10	21	30	57	60
\$5,000 to \$5,999 .....	572	5	18	35	74	118	14	4	95	35	107	67
\$6,000 to \$6,999 .....	602	18	14	60	133	107	4	4	71	39	126	26
\$7,000 to \$9,999 .....	2 525	19	371	432	775	267	92	44	155	85	210	75
\$10,000 to \$14,999 .....	5 727	55	1 016	1 327	2 094	375	126	35	354	97	166	82
\$15,000 to \$24,999 .....	7 454	21	943	2 102	3 444	311	152	36	182	76	101	84
\$25,000 or more .....	5 583	—	266	1 503	3 091	305	218	30	66	35	46	23
Median .....	\$15 800	\$10 900	\$14 300	\$18 900	\$19 700	\$9 700	\$18 000	\$10 000	\$10 800	\$7 800	\$7 000	\$2 600
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup> .....	22 290	90	2 437	5 245	9 043	1 717	538	160	962	429	812	857
Less than 1.5 .....	3 425	—	168	699	2 003	209	117	42	75	56	34	22
1.5 to 1.9 .....	3 751	26	322	929	1 967	209	85	16	95	32	39	31
2.0 to 2.4 .....	4 280	28	554	1 157	1 918	200	117	19	98	31	117	41
2.5 to 2.9 .....	3 013	14	501	922	1 105	128	59	8	127	49	65	35
3.0 to 3.9 .....	3 502	3	595	981	1 171	272	76	4	149	45	106	100
4.0 or more .....	4 140	14	297	557	844	686	84	71	390	206	397	594
Not computed .....	179	5	—	—	35	13	—	—	28	10	54	34
<b>Renter occupied housing units</b> .....	11 839	804	2 270	1 368	1 592	429	580	71	1 571	171	2 030	953
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	11 362	781	2 259	1 358	1 565	429	571	61	1 542	171	1 765	860
0.50 or less .....	4 803	100	422	161	635	229	220	39	504	84	1 582	827
0.51 to 1.00 .....	5 317	627	1 460	824	773	195	280	22	848	72	1 833	33
1.01 to 1.50 .....	941	31	300	288	108	5	58	—	140	11	—	—
1.51 or more .....	301	23	77	85	49	—	13	—	50	4	—	—
Lacking some or all plumbing facilities .....	477	23	11	10	27	—	9	10	29	—	265	93
0.50 or less .....	102	—	—	—	6	—	5	4	—	—	42	45
0.51 to 1.00 .....	314	17	—	4	11	—	—	6	5	—	223	48
1.01 to 1.50 .....	22	6	—	—	10	—	—	—	—	—	—	—
1.51 or more .....	39	—	5	6	—	—	4	—	24	—	—	—
<b>UNITS IN STRUCTURE</b>												
1 .....	2 892	68	575	521	545	124	188	30	335	34	302	170
2 to 4 .....	4 812	463	1 010	486	678	191	226	36	661	102	673	286
5 to 19 .....	2 857	209	452	261	243	76	123	5	443	25	709	311
20 or more .....	1 263	60	233	100	126	38	43	—	125	10	342	186
Mobile home or trailer .....	15	4	—	—	—	—	—	—	7	—	4	—
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup> .....	11 678	804	2 218	1 363	1 569	419	558	71	1 561	166	2 011	938
Less than \$50 .....	128	—	—	—	—	15	—	—	12	4	46	51
\$50 to \$59 .....	170	6	—	—	—	21	—	—	27	—	13	103
\$60 to \$69 .....	207	—	4	9	—	5	4	—	21	—	87	77
\$70 to \$79 .....	199	—	6	7	20	10	4	—	18	7	97	30
\$80 to \$99 .....	833	53	80	118	77	33	19	7	106	5	249	86
\$100 to \$119 .....	1 331	66	216	116	185	60	54	4	157	29	313	131
\$120 to \$149 .....	2 474	262	474	230	328	50	139	24	318	43	460	146
\$150 to \$199 .....	3 366	348	789	369	389	84	180	16	474	46	472	199
\$200 to \$299 .....	1 662	53	446	206	288	65	103	—	286	13	148	54
\$300 or more .....	792	10	151	216	196	5	45	—	114	—	55	—
No cash rent .....	516	6	52	92	86	71	10	20	28	19	71	61
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup> .....	11 678	804	2 218	1 363	1 569	419	558	71	1 561	166	2 011	938
Less than \$5,000 .....	3 082	87	113	98	128	187	89	46	715	94	782	743
Less than 20 percent .....	89	—	4	—	—	9	—	—	12	4	32	28
20 to 24 percent .....	106	—	—	5	4	16	—	—	33	—	35	13
25 to 34 percent .....	294	18	9	20	—	15	14	4	69	—	110	35
35 percent or more .....	2 225	58	93	62	103	116	70	32	553	81	481	576
Not computed .....	368	11	7	17	21	31	5	10	48	9	124	91
\$5,000 to \$9,999 .....	4 038	382	734	435	518	125	279	11	554	42	816	142
Less than 20 percent .....	1 020	102	163	143	171	11	52	—	68	9	251	50
20 to 24 percent .....	1 061	133	213	93	98	42	81	6	116	13	240	20
25 to 34 percent .....	1 170	97	234	128	156	32	68	—	152	10	236	57
35 percent or more .....	641	44	93	45	78	9	72	—	215	6	19	—
Not computed .....	146	6	31	26	15	31	6	5	3	—	19	—
\$10,000 to \$14,999 .....	2 772	311	866	465	385	52	128	5	227	23	290	20
Less than 20 percent .....	1 903	268	581	314	292	26	83	—	123	14	202	—
20 to 24 percent .....	430	33	162	45	45	16	25	—	34	—	50	20
25 percent or more .....	345	10	110	68	27	6	20	—	66	—	38	—
Not computed .....	94	—	13	38	21	4	—	5	4	9	—	—
\$15,000 or more .....	1 786	24	505	365	538	55	62	9	65	7	123	33
Less than 20 percent .....	1 413	24	447	240	407	40	52	9	60	7	105	22
20 to 24 percent .....	116	—	17	32	52	5	6	—	5	—	5	—
25 percent or more .....	142	—	33	65	34	—	—	—	—	—	—	—
Not computed .....	115	—	8	28	45	10	4	—	—	—	9	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-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>24 942</b>	<b>2 226</b>	<b>6 634</b>	<b>4 388</b>	<b>5 263</b>	<b>3 602</b>	<b>1 742</b>	<b>728</b>	<b>359</b>	<b>3.3</b>
<b>BEDROOMS</b>										
None and 1 .....	1 147	599	463	65	-	20	-	-	-	1.5
2 .....	5 130	777	2 441	1 013	697	130	35	18	19	2.2
3 .....	10 775	801	2 796	2 347	2 893	1 417	354	125	42	3.3
4 or more .....	7 904	267	960	861	2 024	1 938	1 178	321	355	4.4
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	451	11	58	85	110	104	52	26	5	4.2
1965 to 1968 .....	2 614	46	350	449	709	631	236	131	62	4.2
1960 to 1964 .....	3 628	158	656	628	989	658	342	126	71	3.9
1950 to 1959 .....	7 775	451	2 160	1 421	1 897	1 057	510	182	97	3.4
1940 to 1949 .....	2 696	244	910	546	478	298	150	61	9	2.9
1939 or earlier .....	7 778	1 316	2 500	1 259	1 080	854	452	202	115	2.6
<b>UNITS IN STRUCTURE</b>										
1 .....	22 873	1 764	5 952	4 055	5 047	3 357	1 678	685	335	3.4
2 or more .....	1 798	372	581	294	197	232	59	39	24	2.4
Mobile home or trailer .....	271	90	101	39	19	13	5	4	-	2.0
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	13 186	1 589	4 155	2 423	2 478	1 378	757	295	111	2.9
2 and 2 1/2 .....	8 635	393	1 896	1 510	2 080	1 577	679	366	134	3.7
3 or more .....	2 865	160	537	395	641	578	309	152	93	4.0
None or also used by another household .....	267	67	50	53	23	46	22	6	-	2.8
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>22 716</b>		<b>6 634</b>	<b>4 388</b>	<b>5 263</b>	<b>3 602</b>	<b>1 742</b>	<b>728</b>	<b>359</b>	<b>3.6</b>
Male head, wife present, no nonrelatives .....	20 230		5 368	3 852	4 973	3 402	1 609	683	343	3.7
Under 25 years .....	132		61	56	10	-	-	-	5	2.6
25 to 34 years .....	2 683		280	486	1 026	646	186	59	-	4.1
35 to 44 years .....	5 578		331	633	1 767	1 503	791	326	227	4.5
45 to 64 years .....	9 805		3 120	2 380	2 077	1 210	620	292	106	3.2
65 years and over .....	2 032		1 576	297	93	43	12	6	5	2.1
Other male head .....	852		382	154	91	100	82	35	8	2.8
Under 65 years .....	649		266	87	86	85	82	35	8	3.2
65 years and over .....	203		116	67	5	-	-	-	-	2.4
Female head .....	1 634		884	382	199	100	51	10	8	2.4
Under 65 years .....	1 094		527	271	156	79	47	6	8	2.6
65 years and over .....	540		357	111	43	21	4	4	-	2.3
<b>One-person households</b> .....	<b>2 226</b>	<b>2 226</b>								<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>22 290</b>	<b>1 669</b>	<b>5 777</b>	<b>3 920</b>	<b>4 987</b>	<b>3 292</b>	<b>1 645</b>	<b>665</b>	<b>335</b>	<b>3.4</b>
Less than 1.5 .....	3 425	56	867	779	743	482	280	152	66	3.5
1.5 to 1.9 .....	3 751	70	875	751	863	671	341	130	50	3.7
2.0 to 2.4 .....	4 280	158	1 005	799	1 037	786	292	143	60	3.7
2.5 to 2.9 .....	3 013	100	635	520	805	518	261	100	74	3.8
3.0 to 3.9 .....	3 502	206	915	554	900	529	250	106	42	3.6
4.0 or more .....	4 140	991	1 438	498	629	306	206	34	38	2.3
Not computed .....	179	88	42	19	10	-	15	-	5	1.5
<b>Renter occupied housing units</b> .....	<b>11 839</b>	<b>2 983</b>	<b>3 381</b>	<b>2 131</b>	<b>1 625</b>	<b>850</b>	<b>518</b>	<b>250</b>	<b>101</b>	<b>2.4</b>
<b>BEDROOMS</b>										
None .....	579	558	21	-	-	-	-	-	-	1.0
1 .....	4 050	1 731	1 685	410	170	33	-	21	-	1.7
2 .....	4 637	472	1 532	1 273	709	402	131	46	72	2.7
3 or more .....	2 644	175	190	521	483	433	450	282	110	4.4
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	119	51	60	4	-	4	-	-	-	1.6
1965 to 1968 .....	994	312	275	185	140	42	28	-	12	2.2
1960 to 1964 .....	1 036	260	316	174	129	79	48	20	10	2.3
1950 to 1959 .....	1 887	292	481	382	339	175	129	58	31	2.9
1940 to 1949 .....	1 438	257	383	293	217	149	73	50	16	2.8
1939 or earlier .....	6 365	1 811	1 866	1 093	800	401	240	122	32	2.2
<b>UNITS IN STRUCTURE</b>										
1 .....	2 892	472	690	507	546	358	209	94	26	3.1
2 .....	2 907	449	925	646	498	196	117	54	22	2.6
3 and 4 .....	1 905	510	590	383	219	101	54	38	10	2.3
5 to 9 .....	1 229	445	372	205	86	56	50	10	5	2.0
10 to 19 .....	1 628	575	457	193	159	96	80	46	22	2.0
20 or more .....	1 263	528	357	186	117	43	8	8	16	1.8
Mobile home or trailer .....	15	4	-	11	-	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	10 231	2 498	3 048	1 935	1 431	688	375	174	82	2.4
2 or more .....	927	92	187	104	212	182	105	45	-	3.9
None or also used by another household .....	665	411	128	89	20	-	8	9	-	1.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>8 856</b>		<b>3 381</b>	<b>2 131</b>	<b>1 625</b>	<b>850</b>	<b>518</b>	<b>250</b>	<b>101</b>	<b>3.0</b>
Male head, wife present, no nonrelatives .....	6 463		2 211	1 555	1 316	679	405	213	84	3.2
Under 25 years .....	804		365	331	94	-	-	-	-	2.6
25 to 34 years .....	2 270		643	591	587	236	133	59	21	3.3
35 to 44 years .....	1 368		198	202	354	275	191	96	52	4.3
45 to 64 years .....	1 592		662	384	256	154	67	58	11	2.8
65 years and over .....	429		343	47	25	-	14	-	-	2.1
Other male head .....	651		337	144	92	41	29	8	-	2.5
Under 65 years .....	580		294	123	85	41	29	8	-	2.5
65 years and over .....	71		43	21	7	-	-	-	-	...
Female head .....	1 742		833	432	217	130	84	29	17	2.6
Under 65 years .....	1 571		715	390	211	125	84	29	17	2.7
65 years and over .....	171		118	42	6	5	-	-	-	2.2
<b>One-person households</b> .....	<b>2 983</b>	<b>2 983</b>								<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>11 678</b>	<b>2 949</b>	<b>3 324</b>	<b>2 121</b>	<b>1 598</b>	<b>829</b>	<b>513</b>	<b>243</b>	<b>101</b>	<b>2.4</b>
Less than 10 percent .....	600	116	154	132	82	49	36	26	5	2.7
10 to 14 percent .....	1 798	272	648	415	197	110	100	39	17	2.5
15 to 19 percent .....	2 027	302	633	324	396	179	101	62	30	2.7
20 to 24 percent .....	1 713	388	491	344	264	116	72	26	12	2.5
25 to 34 percent .....	1 826	469	463	321	288	154	65	44	22	2.5
35 percent or more .....	2 991	1 148	752	491	287	174	105	24	10	2.0
Not computed .....	723	254	183	94	84	47	34	22	5	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> .....	193	71	54	68	<b>Vacant for rent</b> .....	327	178	99	50
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	—	—	—	—	1 room .....	37	30	7	—
4 rooms .....	6	4	2	—	2 rooms .....	24	18	6	—
5 rooms .....	52	4	21	27	3 rooms .....	97	57	23	17
6 rooms .....	33	21	9	3	4 rooms .....	73	41	21	11
7 rooms or more .....	102	42	22	38	5 rooms .....	38	24	10	4
					6 rooms .....	19	4	15	—
					7 rooms or more .....	39	4	17	18
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	190	68	54	68	With all plumbing facilities .....	305	163	92	50
Lacking some or all plumbing facilities .....	3	3	—	—	Lacking some or all plumbing facilities .....	22	15	7	—
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	20	20	—	—	None .....	22	22	—	—
2 .....	61	—	19	42	1 .....	127	63	—	64
3 .....	42	—	—	42	2 .....	130	87	43	—
4 or more .....	170	43	85	42	3 or more .....	106	—	44	62
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	34	25	6	3	1969 to March 1970 .....	2	—	2	—
1960 to 1968 .....	48	14	11	23	1960 to 1968 .....	36	26	10	7
1950 to 1959 .....	39	13	15	11	1950 to 1959 .....	40	18	15	7
1949 or earlier .....	72	19	22	31	1949 or earlier .....	249	134	72	43
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	184	68	48	68	1 .....	82	20	29	33
2 or more .....	9	3	6	—	2 to 4 .....	91	61	20	10
					5 to 9 .....	60	30	27	3
					10 to 19 .....	62	42	16	4
					20 or more .....	32	25	7	—
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	127	53	34	40	<b>Specified vacant for rent<sup>2</sup></b> .....	327	178	99	50
Warm-air furnace .....	59	18	17	24	Less than \$50 .....	—	—	—	—
Built-in electric units .....	—	—	—	—	\$50 to \$59 .....	—	—	—	—
Floor, wall, or pipeless furnace .....	7	—	3	4	\$60 to \$79 .....	24	4	17	3
Other means .....	—	—	—	—	\$80 to \$99 .....	38	18	20	—
None .....	—	—	—	—	\$100 to \$119 .....	62	50	9	3
					\$120 to \$149 .....	80	49	19	12
					\$150 to \$199 .....	71	34	16	21
					\$200 or more .....	52	23	18	11
<b>SALES PRICE ASKED</b>					Median rent asked .....	\$135	\$130	...	...
<b>Specified vacant for sale<sup>1</sup></b> .....	173	68	41	64					
Less than \$5,000 .....	3	—	—	3					
\$5,000 to \$9,999 .....	—	—	—	—					
\$10,000 to \$14,999 .....	—	—	—	—					
\$15,000 to \$19,999 .....	4	—	—	4					
\$20,000 to \$24,999 .....	15	7	4	4					
\$25,000 to \$34,999 .....	20	4	7	9					
\$35,000 to \$49,999 .....	50	23	18	9					
\$50,000 or more .....	81	34	12	35					
Median price asked .....	\$48 400	...	...	...					

<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 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more	
<b>Total</b> .....	173	3	—	4	15	20	131	327	—	24	38	142	71	52
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	252	21	—	—	21	20	190	363	—	22	65	66	148	62
Lacking some or all plumbing facilities .....	—	—	—	—	—	—	—	22	—	—	—	22	—	—
<b>BEDROOMS</b>														
None and 1 .....	20	—	—	—	—	20	—	149	—	—	—	44	84	21
2 .....	61	—	—	—	21	—	40	130	—	22	65	22	21	—
3 .....	42	21	—	—	—	—	21	41	—	—	—	—	—	41
4 or more .....	129	—	—	—	—	—	129	65	—	—	—	22	43	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	31	—	—	—	—	—	31	2	—	—	—	—	—	2
1960 to 1968 .....	44	3	—	—	4	5	32	36	—	—	—	13	18	5
1950 to 1959 .....	39	—	—	4	8	8	19	40	—	—	9	7	8	16
1949 or earlier .....	59	—	—	—	3	7	49	249	—	24	29	122	45	29
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	82	—	6	2	17	29	28
2 to 4 .....	...	...	...	...	...	...	...	91	—	2	11	53	13	12
5 to 19 .....	...	...	...	...	...	...	...	122	—	16	25	50	26	5
20 or more .....	...	...	...	...	...	...	...	32	—	—	—	22	3	7
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	97	—	9	16	41	21	10
Some or no utilities included .....	...	...	...	...	...	...	...	230	—	15	22	101	50	42

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

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)

Norwalk	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>13 028</b>	<b>12</b>	<b>21</b>	<b>44</b>	<b>76</b>	<b>123</b>	<b>679</b>	<b>1 736</b>	<b>4 367</b>	<b>3 875</b>	<b>2 095</b>	<b>33 800</b>
<b>ROOMS</b>												
1 and 2 rooms	16	—	6	—	—	5	—	—	—	—	5	...
3 rooms	109	—	—	—	—	20	16	15	24	29	5	26 500
4 rooms	1 219	—	—	23	18	18	212	378	489	61	20	24 500
5 rooms	2 425	6	6	11	31	34	200	508	1 089	467	73	28 800
6 rooms	3 961	—	5	5	13	37	170	595	1 788	1 131	217	31 500
7 rooms	2 637	6	4	5	7	9	61	165	701	1 292	387	39 200
8 rooms or more	2 661	—	—	—	7	—	20	75	276	895	1 388	50000+
Median	6.2	...	...	...	...	5.0	5.1	5.4	5.8	6.7	7.5+	...
<b>PERSONS</b>												
1 person	1 030	—	6	11	27	43	124	216	306	202	95	27 900
2 persons	3 526	—	15	18	5	49	213	713	1 190	891	432	31 300
3 persons	2 372	—	—	10	—	26	169	274	936	684	273	32 600
4 persons	2 892	12	—	5	16	5	73	275	878	1 070	548	37 500
5 persons	1 709	—	—	—	10	—	74	130	590	537	368	36 400
6 persons or more	1 509	—	—	—	18	—	26	128	467	491	379	38 500
Median	3.3	...	...	...	...	1.9	2.5	2.4	3.2	3.7	4.0	...
Units with roomers, boarders, or lodgers	152	—	—	—	7	—	13	10	44	53	25	35 600
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>12 933</b>	<b>6</b>	<b>21</b>	<b>44</b>	<b>53</b>	<b>118</b>	<b>668</b>	<b>1 732</b>	<b>4 333</b>	<b>3 869</b>	<b>2 089</b>	<b>33 800</b>
0.50 or less	7 004	—	21	29	15	94	401	1 046	2 097	1 998	1 303	34 000
0.51 to 1.00	5 557	6	—	15	27	24	223	603	2 102	1 806	751	33 900
1.01 to 1.50	326	—	—	—	11	—	27	71	130	65	22	29 200
1.51 or more	46	—	—	—	—	—	17	12	4	—	13	...
<b>Lacking same or all plumbing facilities</b>	<b>95</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>23</b>	<b>5</b>	<b>11</b>	<b>4</b>	<b>34</b>	<b>6</b>	<b>6</b>	<b>...</b>
0.50 or less	65	—	—	—	17	5	5	4	22	6	6	...
0.51 to 1.00	24	6	—	—	—	—	6	—	12	—	—	...
1.01 to 1.50	6	—	—	—	6	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	...
<b>BEDROOMS</b>												
None and 1	300	—	19	22	21	18	20	83	55	41	21	...
2	2 741	—	21	20	40	41	362	616	1 204	375	62	27 200
3	6 909	—	—	—	59	21	261	916	2 708	2 216	728	33 100
4 or more	2 935	—	—	—	—	—	22	172	543	946	1 252	46 600
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	177	—	—	—	—	—	—	—	48	57	72	45 700
1965 to 1968	972	—	—	—	—	—	23	33	176	351	389	45 900
1960 to 1964	2 036	—	—	—	—	5	18	147	534	932	400	40 100
1950 to 1959	4 368	6	—	—	6	—	115	481	1 568	1 554	633	35 000
1940 to 1949	1 574	—	—	10	—	21	127	268	712	316	120	30 100
1939 or earlier	3 901	6	21	34	70	92	396	807	1 329	665	481	28 900
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	8 706	8	11	38	27	124	620	1 564	3 508	2 400	406	30 600
2 and 2 1/2	3 673	—	—	6	4	5	78	151	766	1 473	1 190	43 400
3 or more	626	—	—	—	10	—	—	—	22	96	498	50000+
None or also used by another household	117	7	—	—	15	12	8	6	40	22	7	...
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>11 998</b>	<b>12</b>	<b>15</b>	<b>33</b>	<b>49</b>	<b>80</b>	<b>555</b>	<b>1 520</b>	<b>4 061</b>	<b>3 673</b>	<b>2 000</b>	<b>34 200</b>
Male head, wife present, no nonrelatives	10 829	6	6	24	33	56	495	1 260	3 673	3 409	1 867	34 600
Under 25 years	69	—	—	—	—	5	—	—	52	6	—	...
25 to 34 years	1 665	—	—	—	6	10	36	112	734	609	158	34 100
35 to 44 years	2 950	—	—	—	7	—	45	226	961	1 037	674	38 400
45 to 64 years	5 071	6	—	—	20	24	301	656	1 553	1 593	909	34 800
65 years and over	1 074	—	6	15	—	22	108	260	373	164	126	28 400
Other male head	385	—	—	—	7	10	35	71	109	81	72	31 400
Under 65 years	288	—	—	—	7	6	25	54	74	77	45	32 000
65 years and over	97	—	—	—	—	10	17	17	35	4	27	...
Female head	784	6	9	9	14	25	189	279	183	61	27	29 700
Under 65 years	503	—	5	5	4	14	16	101	196	135	27	30 400
65 years and over	281	6	4	4	5	9	9	88	83	48	34	28 000
One-person households	1 030	—	6	11	27	43	124	216	306	262	95	27 900
Under 65 years	442	—	6	5	—	25	35	84	141	92	54	29 700
65 years and over	588	—	—	6	27	18	89	132	165	110	41	26 300
<b>INCOME IN 1969</b>												
Less than \$2,000	536	—	—	9	23	15	58	121	155	114	41	27 700
\$2,000 to \$2,999	272	6	—	15	4	5	51	69	71	31	20	24 000
\$3,000 to \$3,999	281	—	6	—	—	19	33	55	115	32	21	27 400
\$4,000 to \$4,999	231	—	—	—	—	4	33	75	67	22	31	25 500
\$5,000 to \$5,999	293	—	4	—	—	14	12	85	60	14	27	27 700
\$6,000 to \$6,999	285	—	—	—	—	—	21	69	97	54	39	29 900
\$7,000 to \$9,999	1 559	—	6	5	6	30	140	317	615	350	90	29 500
\$10,000 to \$14,999	3 743	6	5	7	32	173	493	1 633	1 062	327	32 000	
\$15,000 to \$24,999	4 120	5	—	—	—	4	133	385	1 269	1 565	728	37 200
\$25,000 or more	1 708	—	—	—	—	—	25	67	246	585	785	48 200
Median	\$14 100	...	...	...	...	\$7 500	\$9 800	\$10 800	\$13 000	\$16 400	\$21 400	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 029	—	—	—	—	5	16	38	382	343	245	38 200
1968	965	—	—	—	10	—	16	88	291	374	186	38 100
1967	836	—	—	—	—	8	14	39	310	293	178	37 700
1965 and 1966	1 692	—	—	—	—	18	48	164	450	681	325	38 500
1960 to 1964	2 872	—	—	—	—	—	117	334	975	928	518	35 200
1950 to 1959	3 567	15	—	—	19	19	219	566	1 233	982	467	32 300
1949 or earlier	2 161	—	11	19	27	63	276	498	695	390	182	27 700
<b>HEATING EQUIPMENT</b>												
Steam or hot water	8 223	—	6	24	24	54	342	817	2 523	2 842	1 591	36 700
Warm-air furnace	4 321	6	—	5	46	69	320	863	1 686	912	414	30 100
Built-in electric units	158	—	4	—	—	—	—	—	39	—	49	42 600
Floor, wall, or pipeless furnace	111	6	—	—	6	—	7	24	27	27	14	29 600
Other means	215	—	11	10	—	—	10	32	92	33	27	29 800
None	—	—	—	—	—	—	—	—	—	—	—	—
<b>AIR CONDITIONING</b>												
Room units	4 605	8	—	6	9	18	138	441	1 454	1 676	855	37 000
Central system	287	—	—	—	10	—	—	9	37	90	141	49 600
None	8 230	7	11	38	37	123	568	1 271	2 845	2 225	1 105	32 200

<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]

Norwalk	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>9 770</b>	<b>124</b>	<b>100</b>	<b>178</b>	<b>193</b>	<b>799</b>	<b>1 248</b>	<b>2 187</b>	<b>2 946</b>	<b>1 297</b>	<b>321</b>	<b>377</b>	<b>148</b>
<b>ROOMS</b>													
1 room	559	31	27	83	57	139	94	66	33	5	6	18	87
2 rooms	773	16	44	18	21	100	132	243	175	14	4	6	126
3 rooms	2 602	45	11	46	44	206	368	787	954	53	11	77	141
4 rooms	3 035	27	13	22	57	217	427	630	1 018	531	19	74	154
5 rooms	1 771	5	5	9	14	109	178	324	552	420	68	87	168
6 rooms	626	-	-	-	-	19	26	114	164	174	106	23	193
7 rooms	233	-	-	-	-	9	17	23	40	41	44	59	198
8 rooms or more	171	-	-	-	-	-	6	-	10	59	63	33	290
Median	3.8	2.8	2.0	1.8	2.9	3.3	3.6	3.5	3.8	4.6	6.0	4.7	...
<b>PERSONS</b>													
1 person	2 402	93	52	139	121	325	403	488	545	132	31	73	122
2 persons	2 818	11	21	13	33	214	360	748	960	278	35	145	147
3 persons	1 800	4	22	9	9	86	180	475	560	353	62	40	158
4 persons	1 325	11	-	8	5	92	110	249	435	270	92	53	169
5 persons	705	5	-	4	9	34	71	77	273	127	75	30	175
6 persons or more	720	-	5	5	16	48	124	150	173	137	26	36	149
Median	2.4	1.2	1.5	1.1	1.3	1.8	2.1	2.3	2.5	3.2	3.9	2.3	...
Units with roomers, boarders, or lodgers	325	-	-	9	8	9	33	66	102	76	17	5	167
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>9 333</b>	<b>93</b>	<b>82</b>	<b>107</b>	<b>144</b>	<b>676</b>	<b>1 181</b>	<b>2 163</b>	<b>2 940</b>	<b>1 275</b>	<b>321</b>	<b>351</b>	<b>151</b>
0.50 or less	3 594	68	34	60	83	289	518	805	1 002	435	118	182	144
0.51 to 1.00	4 564	25	34	38	32	296	460	1 089	1 562	694	188	146	158
1.01 to 1.50	885	-	5	5	25	82	150	181	287	125	11	14	148
1.51 or more	290	-	9	4	4	9	53	88	89	21	4	9	141
<b>Lacking same or all plumbing facilities</b>	<b>437</b>	<b>31</b>	<b>18</b>	<b>71</b>	<b>49</b>	<b>123</b>	<b>67</b>	<b>24</b>	<b>6</b>	<b>22</b>	<b>-</b>	<b>26</b>	<b>84</b>
0.50 or less	84	5	-	4	7	15	25	-	-	17	-	11	...
0.51 to 1.00	297	26	18	62	38	97	12	24	-	5	-	15	79
1.01 to 1.50	22	-	-	-	-	4	12	-	6	-	-	-	...
1.51 or more	34	-	-	5	4	7	18	-	-	-	-	-	...
<b>BEDROOMS</b>													
None	511	-	28	68	77	151	107	20	20	-	-	40	86
1	3 604	43	64	69	83	455	449	1 133	1 106	180	22	110	137
2	3 907	129	57	-	25	293	593	506	1 418	687	89	173	160
3 or more	1 747	-	-	22	-	88	211	270	446	381	156	-	172
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	119	-	-	4	-	-	5	14	35	31	25	5	199
1965 to 1968	834	-	6	-	-	-	17	99	435	229	37	11	183
1960 to 1964	930	11	34	10	-	15	40	122	378	243	55	22	179
1950 to 1959	1 598	9	28	-	19	86	239	215	528	316	65	93	165
1940 to 1949	1 091	40	5	18	29	95	147	288	294	99	46	28	141
1939 or earlier	5 198	64	27	146	145	603	800	1 449	1 274	379	93	218	135
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	613	-	-	-	20	28	45	120	256	102	-	42	164
With elevator	361	-	-	-	-	22	22	23	194	102	-	20	...
Walk-up	252	-	-	-	20	28	23	97	62	-	-	22	...
1 to 3 floors	9 156	172	149	159	165	959	1 315	1 809	2 734	1 146	267	281	145
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	8 696	86	55	106	143	600	1 081	2 146	2 871	1 140	177	291	150
2 or more	457	-	16	-	-	-	20	25	30	135	160	71	276
None or also used by another household	609	37	33	65	49	141	123	64	35	34	-	28	91
<b>INCOME IN 1969</b>													
Less than \$2,000	939	49	53	51	56	56	131	231	175	73	15	49	126
\$2,000 to \$2,999	562	12	14	22	11	127	94	95	127	38	-	22	118
\$3,000 to \$3,999	497	25	13	29	9	44	82	142	118	35	-	-	130
\$4,000 to \$4,999	675	5	5	19	21	83	104	172	196	45	4	21	136
\$5,000 to \$5,999	686	5	-	22	21	116	152	133	177	40	-	20	124
\$6,000 to \$6,999	742	5	-	15	14	86	113	200	216	62	18	13	140
\$7,000 to \$9,999	2 035	6	15	16	31	111	307	522	629	259	51	88	148
\$10,000 to \$14,999	2 374	17	-	4	30	129	209	517	897	412	73	86	163
\$15,000 to \$24,999	1 003	-	-	-	-	47	39	156	370	252	82	57	181
\$25,000 or more	257	-	-	-	-	-	17	19	41	81	78	21	251
Median	\$8 100	\$3 000	\$2 000-	\$3 600	\$5 000	\$5 800	\$6 500	\$7 700	\$9 200	\$11 200	\$15 000	\$9 200	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	3 339	26	12	44	40	131	272	720	1 109	645	249	91	167
1968	1 544	23	6	12	24	62	213	379	466	286	47	26	154
1967	935	-	27	6	5	40	148	229	284	134	26	36	149
1965 and 1966	1 285	-	15	35	21	99	127	301	524	131	5	27	153
1960 to 1964	1 420	33	28	51	26	201	250	320	372	76	10	53	129
1950 to 1959	814	26	-	22	38	166	134	205	121	28	-	74	118
1949 or earlier	425	15	-	17	38	42	80	81	60	9	-	83	115
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	521	28	15	20	30	116	79	100	77	44	12	...	113
10 to 14 percent	1 578	30	-	24	45	169	282	423	453	128	24	...	137
15 to 19 percent	1 749	12	9	32	28	141	203	407	634	236	47	...	153
20 to 24 percent	1 378	-	9	11	14	123	214	350	440	193	24	...	147
25 to 34 percent	1 513	25	14	36	9	53	160	301	541	286	88	...	165
35 percent or more	2 479	23	48	55	56	172	277	563	769	394	122	...	153
Not computed	552	6	5	-	11	25	33	43	32	16	4	377	125
<b>AIR CONDITIONING</b>													
Room unit(s)	2 305	5	7	11	5	59	182	377	972	467	85	135	173
Central system	43	-	-	-	-	-	7	-	19	-	12	5	...
None	7 414	118	81	176	187	682	1 035	1 858	1 945	842	240	250	141

<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]

Norwalk	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>15 137</b>	<b>782</b>	<b>396</b>	<b>393</b>	<b>298</b>	<b>414</b>	<b>419</b>	<b>1 897</b>	<b>4 250</b>	<b>4 509</b>	<b>1 779</b>	<b>13 500</b>
<b>ROOMS</b>												
1 and 2 rooms	49	12	-	10	-	10	6	6	-	5	-	...
3 rooms	350	66	32	24	21	20	19	57	68	38	5	6 600
4 rooms	1 972	217	102	80	71	129	72	431	543	314	13	9 200
5 rooms	3 005	162	101	99	57	91	114	501	939	768	173	12 000
6 rooms	4 251	206	109	101	90	110	116	510	1 467	1 208	334	13 000
7 rooms or more	5 510	119	52	79	59	54	92	392	1 233	2 176	1 254	18 100
<b>PERSONS</b>												
1 person	1 490	500	162	147	74	113	86	196	128	59	25	3 600
2 persons	4 207	182	186	188	151	185	155	676	1 141	955	388	11 700
3 and 4 persons	5 823	75	23	49	46	68	100	718	1 866	2 077	801	14 900
5 persons	1 975	5	15	-	12	24	53	191	693	725	257	15 000
6 persons or more	1 642	20	10	9	15	24	25	116	422	693	308	17 600
Units with roomers, boarders, or lodgers	221	20	11	12	4	10	9	31	54	49	21	11 300
<b>BEDROOMS</b>												
Less than 3	4 662	490	342	235	180	205	206	978	1 202	702	122	9 100
3	7 449	176	139	156	175	96	178	649	2 558	2 458	864	14 200
4 or more	3 120	100	63	56	21	21	80	318	497	1 268	696	18 200
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	201	3	-	-	-	7	-	42	44	68	37	15 700
1960 to 1968	3 355	66	23	33	42	48	54	324	1 024	1 282	459	15 500
1950 to 1959	4 614	119	79	91	58	89	87	642	1 314	1 486	649	14 300
1949 or earlier	6 967	594	294	269	198	270	278	889	1 868	1 673	634	11 900
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 219	26	25	14	5	30	41	172	389	436	81	13 800
1968	1 118	14	13	34	26	33	52	83	352	403	108	14 300
1960 to 1967	5 967	193	22	85	75	103	73	780	1 805	1 969	862	14 600
1959 or earlier	6 840	590	294	238	184	269	242	855	1 692	1 707	769	12 200
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	13 377	503	306	286	233	207	383	1 647	4 029	4 141	1 642	13 900
Clothes dryer	8 422	264	80	41	40	81	100	874	2 555	3 053	1 334	15 600
Dishwasher	5 757	140	102	61	40	42	160	396	1 165	2 458	1 193	18 100
Home food freezer	3 287	142	116	20	21	56	63	363	852	1 088	566	15 100
Owned second home	611	21	19	-	21	21	125	120	120	163	142	15 000
With air conditioning	5 466	154	60	81	51	80	153	582	1 497	1 863	945	15 400
Room unit(s)	5 138	148	55	81	51	73	153	559	1 441	1 764	813	15 000
Central system	328	6	5	-	-	7	-	23	56	99	132	21 800
Automobiles available:												
1	4 570	381	168	224	182	228	236	870	1 164	886	231	10 000
2	8 011	112	59	56	47	124	143	862	2 712	2 684	1 212	14 800
3 or more	1 765	19	7	11	5	13	-	81	329	923	377	19 500
<b>Renter occupied housing units</b>	<b>9 825</b>	<b>939</b>	<b>568</b>	<b>497</b>	<b>675</b>	<b>690</b>	<b>747</b>	<b>2 051</b>	<b>2 392</b>	<b>1 003</b>	<b>263</b>	<b>8 200</b>
<b>ROOMS</b>												
1 room	559	111	83	51	24	64	56	91	60	14	5	5 200
2 rooms	777	148	95	58	96	76	69	114	93	28	-	4 900
3 rooms	2 602	274	173	127	221	223	270	481	588	204	41	7 100
4 rooms	3 055	219	163	165	180	219	189	735	769	362	54	8 600
5 rooms	1 783	117	40	65	103	67	104	446	572	209	60	9 700
6 rooms or more	1 049	70	14	31	51	41	59	184	311	186	103	11 200
<b>PERSONS</b>												
1 person	2 413	552	292	190	237	228	237	336	245	58	38	4 700
2 persons	2 836	189	179	102	202	220	232	582	748	321	61	8 500
3 and 4 persons	3 145	128	88	151	157	161	203	795	910	471	81	9 600
5 persons	711	26	9	25	55	18	30	190	239	83	36	10 100
6 persons or more	720	44	-	29	24	63	45	148	250	70	47	10 100
Units with roomers, boarders, or lodgers	331	57	22	19	54	22	31	51	59	10	6	5 600
<b>BEDROOMS</b>												
None	511	161	51	-	51	62	39	127	-	-	20	4 900
1	3 604	341	265	248	285	484	436	579	734	190	42	6 400
2	3 928	331	208	209	117	390	127	800	1 073	585	88	9 200
3 or more	1 767	150	-	24	155	48	104	284	628	245	129	10 900
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	119	6	8	-	6	4	-	19	59	7	10	11 400
1960 to 1968	1 764	133	79	58	82	103	93	326	480	318	92	10 100
1950 to 1959	1 603	98	64	61	66	109	149	344	485	190	37	9 200
1949 or earlier	6 339	702	417	378	521	474	505	1 362	1 368	488	124	7 400
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 352	251	157	118	250	213	291	694	934	324	120	8 700
1968	1 544	113	72	95	79	100	54	424	347	183	77	8 800
1960 to 1967	3 646	392	288	196	210	230	295	735	869	390	41	7 900
1959 or earlier	1 276	156	67	90	147	73	114	260	272	84	13	6 900
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
<b>Specified renter occupied</b>	<b>9 770</b>	<b>939</b>	<b>562</b>	<b>497</b>	<b>675</b>	<b>686</b>	<b>742</b>	<b>2 035</b>	<b>2 374</b>	<b>1 003</b>	<b>257</b>	<b>8 200</b>
Less than 15 percent	2 099	-	-	20	5	14	38	269	881	678	194	14 000
15 to 19 percent	1 749	-	7	9	31	87	100	439	847	211	18	11 200
20 to 24 percent	1 378	-	-	20	74	156	161	596	343	9	19	8 400
25 to 34 percent	1 513	20	37	61	168	210	310	475	179	48	5	6 800
35 percent or more	2 479	695	496	387	376	199	120	168	38	-	-	3 100
Not computed	552	224	22	-	21	20	13	88	86	57	21	5 500
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	4 108	292	118	161	255	336	169	688	1 515	401	173	10 100
Clothes dryer	1 126	64	43	23	-	46	67	192	362	220	109	11 800
Dishwasher	692	61	15	109	20	21	-	82	168	130	86	11 100
Home food freezer	729	81	51	71	-	66	22	75	231	68	64	9 900
Owned second home	371	-	-	28	-	31	-	74	152	42	44	...
With air conditioning	2 366	82	96	63	88	103	151	542	690	439	112	10 400
Room unit(s)	2 317	82	96	63	83	97	151	523	678	439	105	10 500
Central system	49	-	-	-	5	6	-	19	12	-	7	...
Automobiles available:												
1	4 949	312	177	194	353	358	450	1 344	1 309	328	124	8 400
2	2 431	46	54	24	89	91	141	487	905	487	82	11 400
3 or more	361	-	6	7	17	14	20	68	67	117	45	13 600

\*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]

Norwalk	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> .....	15 137	15 008	8 092	6 371	479	66	129	85	38	6	-
<b>PERSONS</b>											
1 person .....	1 490	1 442	1 437	5	-	-	48	42	6	-	-
2 persons .....	4 207	4 179	4 051	128	-	-	28	28	-	-	-
3 persons .....	2 715	2 690	1 691	999	-	-	25	15	10	-	-
4 persons .....	3 108	3 096	706	2 381	9	-	12	-	12	-	-
5 persons .....	1 975	1 963	207	1 615	130	11	12	-	6	6	-
6 persons or more .....	1 642	1 638	-	1 243	340	55	4	-	4	-	-
Median .....	3.2	3.2	2.1	4.4	6.3	...	2.1	...	...	...	...
Units with roomers, boarders, or lodgers .....	221	221	107	94	20	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	199	199	113	86	-	-	-	-	-	-	-
1965 to 1968 .....	1 164	1 164	532	598	28	6	-	-	-	-	-
1960 to 1964 .....	2 113	2 106	932	1 089	62	23	7	7	-	-	-
1950 to 1959 .....	4 558	4 544	2 239	2 116	177	12	14	6	8	-	-
1940 to 1949 .....	1 812	1 795	978	773	36	8	17	11	6	-	-
1939 or earlier .....	5 298	5 237	3 356	1 670	195	16	61	39	13	9	-
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	782	758	686	68	4	-	24	24	-	-	-
\$2,000 to \$2,999 .....	396	377	329	42	-	6	19	13	6	-	-
\$3,000 to \$3,999 .....	393	383	347	36	-	-	10	10	-	-	-
\$4,000 to \$4,999 .....	298	282	211	67	4	-	16	10	6	-	-
\$5,000 to \$5,999 .....	414	414	304	85	25	-	-	-	-	-	-
\$6,000 to \$6,999 .....	419	410	273	122	9	6	9	3	6	-	-
\$7,000 to \$9,999 .....	1 897	1 891	1 088	709	94	-	6	-	-	6	-
\$10,000 to \$14,999 .....	4 250	4 215	1 895	2 123	181	16	35	15	20	-	-
\$15,000 to \$24,999 .....	4 509	4 505	2 012	2 328	135	30	4	4	-	-	-
\$25,000 or more .....	1 779	1 773	947	791	27	8	6	6	-	-	-
Median .....	\$13 500	\$13 500	\$12 100	\$14 800	\$12 900	...	\$4 700	...	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	13 028	12 933	7 004	5 557	326	46	95	65	24	6	-
Less than 1.5 .....	1 905	1 905	880	937	69	19	-	-	-	-	-
1.5 to 1.9 .....	2 110	2 088	992	1 031	55	10	22	10	6	6	-
2.0 to 2.4 .....	2 382	2 376	1 189	1 113	74	-	6	-	6	-	-
2.5 to 2.9 .....	1 771	1 761	782	919	49	11	10	4	6	-	-
3.0 to 3.9 .....	2 197	2 175	1 144	972	59	-	22	16	6	-	-
4.0 or more .....	2 549	2 514	1 913	575	20	6	35	35	-	-	-
Not computed .....	114	114	104	10	-	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	9 209	9 183	4 941	3 943	274	25	26	22	4	-	-
Warm-air furnace .....	5 200	5 108	2 749	2 146	176	37	92	58	28	6	-
Built-in electric units .....	208	208	103	100	5	-	-	-	-	-	-
Floor, wall, or pipeless furnace .....	139	133	76	46	7	4	6	-	6	-	-
Other means .....	381	376	223	136	17	-	5	5	-	-	-
None .....	-	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b> .....	9 825	9 384	3 629	4 580	885	290	441	88	297	22	34
<b>PERSONS</b>											
1 person .....	2 413	2 076	1 886	190	-	-	337	77	260	-	-
2 persons .....	2 836	2 778	1 519	1 208	-	51	58	11	22	-	25
3 persons .....	1 804	1 776	1 192	1 510	56	18	28	-	15	4	9
4 persons .....	1 341	1 335	26	1 109	167	33	6	-	-	6	-
5 persons .....	711	711	-	385	262	58	-	-	-	-	-
6 persons or more .....	720	708	-	178	400	130	12	-	-	12	-
Median .....	2.4	2.4	1.5	3.1	5.3	5.2	1.2	...	1.1	...	...
Units with roomers, boarders, or lodgers .....	331	322	136	144	25	17	9	-	-	-	9
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	136	136	100	23	-	13	-	-	-	-	-
1965 to 1968 .....	895	874	343	457	51	23	21	16	5	-	-
1960 to 1964 .....	885	885	311	474	90	10	-	-	-	-	-
1950 to 1959 .....	1 541	1 528	409	820	234	65	13	7	6	-	-
1940 to 1949 .....	1 098	1 065	339	565	117	44	33	-	16	17	-
1939 or earlier .....	5 263	4 867	2 060	2 280	379	148	396	64	274	14	44
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	939	824	568	178	53	25	115	22	82	-	11
\$2,000 to \$2,999 .....	568	485	285	184	16	-	83	22	45	4	12
\$3,000 to \$3,999 .....	497	477	218	190	51	18	20	19	18	-	-
\$4,000 to \$4,999 .....	675	638	324	231	64	19	37	19	18	-	-
\$5,000 to \$5,999 .....	690	632	269	273	73	17	58	10	35	6	7
\$6,000 to \$6,999 .....	747	707	314	324	51	18	40	-	36	-	4
\$7,000 to \$9,999 .....	2 051	1 998	635	1 082	215	66	53	4	37	12	4
\$10,000 to \$14,999 .....	2 392	2 363	638	1 362	258	105	29	5	24	-	-
\$15,000 to \$24,999 .....	1 003	997	256	649	70	22	6	6	-	-	-
\$25,000 or more .....	263	263	122	107	34	-	-	-	-	-	-
Median .....	\$8 200	\$8 400	\$6 500	\$9 500	\$8 900	\$9 200	\$4 100	...	\$4 100	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	9 770	9 333	3 594	4 564	885	290	437	84	297	22	34
Less than 10 percent .....	521	504	152	259	80	13	17	-	17	-	-
10 to 14 percent .....	1 578	1 519	462	864	142	51	59	10	45	-	4
15 to 19 percent .....	1 749	1 676	437	975	200	64	73	6	54	6	7
20 to 24 percent .....	1 378	1 349	491	693	110	55	29	5	18	6	-
25 to 34 percent .....	1 513	1 455	562	703	139	51	58	19	33	6	-
35 percent or more .....	2 479	2 332	1 212	903	183	34	147	33	87	4	23
Not computed .....	552	498	278	167	31	22	54	11	43	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	5 520	5 261	2 017	2 661	444	139	259	16	209	22	12
Warm-air furnace .....	2 350	2 275	911	1 078	221	65	75	13	52	-	10
Built-in electric units .....	636	623	262	275	56	30	13	13	-	-	-
Floor, wall, or pipeless furnace .....	230	214	51	132	22	9	14	4	12	-	-
Other means .....	1 041	970	371	428	129	42	71	42	24	-	5
None .....	48	41	17	6	13	5	7	-	-	-	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]

Norwalk	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>	15 137	16	33	350	1 972	3 005	4 251	2 768	2 742	6.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	15 003	14	26	293	1 869	2 985	4 148	2 897	2 771	6.1
<b>PERSONS</b>										
1 person	1 490	11	33	153	401	313	344	142	93	5.0
2 persons	4 207	-	-	128	830	1 117	1 221	506	405	5.5
3 persons	2 715	-	-	44	380	585	780	557	369	5.9
4 persons	3 108	-	-	9	205	511	939	738	706	6.4
5 persons	1 975	-	-	11	136	311	551	402	564	6.5
6 persons or more	1 642	5	-	5	20	168	416	423	605	7.0
Median	3.2	...	...	1.7	2.2	2.6	3.2	3.7	4.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	15 008	10	28	343	1 937	2 984	4 223	2 751	2 732	6.0
0.50 or less	8 092	-	28	146	1 212	1 409	2 323	1 200	1 774	6.0
0.51 to 1.00	6 371	5	-	172	575	1 407	1 766	1 509	937	6.1
1.01 to 1.50	479	-	-	9	135	146	134	34	21	5.2
1.51 or more	66	5	-	16	15	22	-	8	-	...
<b>Lacking some or all plumbing facilities</b>	129	6	5	7	35	21	28	17	10	5.0
0.50 or less	85	-	5	7	19	21	22	5	6	...
0.51 to 1.00	38	6	-	-	10	-	6	12	4	...
1.01 to 1.50	6	-	-	-	6	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1	901	22	19	444	312	84	20	-	-	3.4
2	3 761	-	-	40	1 781	1 434	425	42	39	4.5
3	7 449	-	-	-	63	1 389	3 771	1 583	643	6.1
4 or more	3 120	-	-	-	-	18	325	824	1 953	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	201	-	-	-	25	7	12	49	108	7.5+
1960 to 1968	3 355	5	10	31	317	460	757	819	956	6.6
1950 to 1959	4 614	-	5	57	558	1 081	1 357	827	729	5.9
1949 or earlier	6 967	11	18	262	1 072	1 457	2 125	1 073	949	5.8
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	10 339	14	17	269	1 785	2 634	3 114	1 743	763	5.6
2 or more	4 670	-	9	24	90	351	1 034	1 154	2 008	7.2
None or also used by another household	135	-	6	16	27	6	40	27	13	5.8
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	13 028	10	6	109	1 219	2 425	3 961	2 637	2 661	6.2
Less than 1.5	1 905	-	6	16	172	396	546	396	373	6.2
1.5 to 1.9	2 110	-	-	15	175	445	621	468	386	6.2
2.0 to 2.9	4 153	10	-	30	294	677	1 300	944	898	6.3
3.0 or more	4 746	-	-	44	551	901	1 457	809	984	6.1
Not computed	114	-	-	4	27	6	37	20	20	6.0
<b>Renter occupied housing units</b>	9 825	559	777	2 602	3 055	1 783	635	233	181	3.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 093	189	711	2 515	2 921	1 730	629	232	166	3.9
<b>PERSONS</b>										
1 person	2 413	450	479	888	441	104	29	10	12	2.8
2 persons	2 836	76	196	1 034	990	385	89	22	44	3.6
3 persons	1 804	27	60	424	688	413	149	35	8	4.1
4 persons	1 341	-	33	173	537	390	117	65	26	4.4
5 persons	711	6	4	48	262	196	117	37	41	4.7
6 persons or more	720	-	5	35	137	295	134	64	50	5.1
Median	2.4	1.1	1.3	1.9	2.6	3.5	3.9	4.3	4.5	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	9 384	265	732	2 560	3 018	1 766	629	233	181	3.9
0.50 or less	3 629	-	449	673	1 405	478	261	67	96	3.9
0.51 to 1.00	4 580	190	185	1 437	1 220	699	308	161	80	3.9
1.01 to 1.50	885	-	56	167	350	251	56	5	-	4.1
1.51 or more	290	75	42	83	43	38	4	-	-	...
<b>Lacking some or all plumbing facilities</b>	441	294	45	42	37	17	6	-	5	1.3
0.50 or less	88	-	30	15	26	11	6	-	-	...
0.51 to 1.00	297	260	11	21	5	-	-	-	-	1.1
1.01 to 1.50	22	-	4	6	6	-	-	-	-	...
1.51 or more	34	34	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None	511	450	61	-	-	-	-	-	-	1.1
1	3 604	-	698	2 327	515	64	-	-	-	3.0
2	3 928	-	-	246	2 625	949	64	44	42	4.2
3 or more	1 767	-	-	-	42	861	453	153	258	5.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	119	10	9	50	16	19	5	4	6	3.3
1960 to 1968	1 764	75	205	527	618	219	54	10	56	3.6
1950 to 1959	1 603	46	72	378	574	344	136	53	-	4.0
1949 or earlier	6 339	428	491	1 647	1 847	1 201	440	166	119	3.8
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	8 725	227	711	2 512	2 902	1 669	502	137	65	3.8
2 or more	471	16	-	20	51	61	127	95	101	6.2
None or also used by another household	622	357	62	72	95	22	14	-	-	1.4
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	9 770	559	773	2 602	3 035	1 771	626	233	171	3.8
Less than 10 percent	521	32	10	130	164	120	43	16	6	4.0
10 to 14 percent	1 578	82	113	420	530	300	89	32	12	3.8
15 to 19 percent	1 749	102	97	471	602	320	107	23	27	3.8
20 to 24 percent	1 378	60	66	391	475	285	71	12	18	3.9
25 to 34 percent	1 513	65	128	388	446	299	147	28	12	3.9
35 percent or more	2 479	172	340	664	709	336	137	63	58	3.6
Not computed	552	46	19	138	109	111	32	59	38	4.2

<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]

Norwalk	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	15 137	13 277	1 676	184	9 825	1 605	2 632	1 758	1 091	1 584	1 144	11
<b>ROOMS</b>												
1 room	16	10	6	-	559	22	15	37	169	168	148	-
2 rooms	33	6	12	15	777	70	47	190	134	204	132	-
3 rooms	350	109	192	49	2 602	154	600	551	357	587	349	4
4 rooms	1 972	1 241	641	90	3 055	370	944	655	280	401	405	-
5 rooms	3 005	2 472	512	21	1 783	376	778	235	120	167	100	7
6 rooms	4 251	4 046	196	9	635	312	177	69	26	41	10	-
7 rooms	2 768	2 691	77	-	233	144	57	11	5	16	-	-
8 rooms or more	2 742	2 702	40	-	181	157	14	10	-	-	-	-
Median	6.0	6.2	4.5	3.8	3.8	5.0	4.2	3.7	3.2	3.2	3.3	-
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	15 008	13 182	1 647	179	9 384	1 574	2 621	1 683	980	1 466	1 049	11
0.50 or less	8 092	7 157	844	91	3 629	639	962	673	393	528	430	4
0.51 to 1.00	6 371	5 653	652	66	4 580	780	1 382	797	457	664	493	7
1.01 to 1.50	479	326	131	22	885	127	209	170	106	190	83	-
1.51 or more	66	46	20	-	290	28	68	43	24	84	43	-
Lacking some or all plumbing facilities	129	95	29	5	441	31	11	75	111	118	95	-
0.50 or less	85	65	15	5	88	25	-	38	12	-	13	-
0.51 to 1.00	38	24	14	-	297	6	5	26	75	112	73	-
1.01 to 1.50	6	6	-	-	22	-	6	6	-	6	4	-
1.51 or more	-	-	-	-	34	-	-	5	24	-	5	-
<b>BEDROOMS</b>												
None	22	-	22	-	511	-	-	44	168	191	108	-
1	879	300	513	66	3 604	319	711	839	579	707	449	-
2	3 761	2 859	828	74	3 928	538	1 388	618	416	501	467	-
3	7 449	7 047	361	41	1 228	334	436	186	132	64	56	20
4 or more	3 120	3 017	103	-	539	331	87	22	-	77	22	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	201	177	11	13	119	20	14	8	11	45	21	-
1965 to 1968	1 155	1 001	117	37	834	77	157	37	47	247	265	4
1960 to 1964	2 200	2 046	107	47	930	136	161	45	63	280	238	7
1950 to 1959	4 614	4 429	112	73	1 603	353	183	186	120	470	291	-
1940 to 1949	1 739	1 591	143	5	1 097	250	377	180	95	103	92	-
1939 or earlier	5 228	4 033	1 186	9	5 242	769	1 740	1 302	755	439	237	-
<b>INCOME IN 1969</b>												
Less than \$2,000	782	564	204	14	939	81	202	209	140	203	97	7
\$2,000 to \$2,999	396	276	110	10	568	43	84	198	56	109	78	-
\$3,000 to \$3,999	393	291	87	15	497	35	153	100	73	87	49	-
\$4,000 to \$4,999	298	235	54	9	675	80	207	141	88	105	54	-
\$5,000 to \$5,999	414	309	89	16	690	76	129	157	99	149	80	-
\$6,000 to \$6,999	419	307	108	4	747	126	174	129	117	125	76	-
\$7,000 to \$9,999	1 897	1 575	271	51	2 051	309	611	359	245	320	207	-
\$10,000 to \$14,999	4 250	3 773	426	51	2 392	427	750	373	199	351	292	-
\$15,000 to \$24,999	4 509	4 200	295	14	1 003	289	280	69	62	126	173	4
\$25,000 or more	1 779	1 747	32	-	263	139	42	23	12	9	38	-
Median	\$13 500	\$14 100	\$9 100	\$8 400	\$8 200	\$10 600	\$8 800	\$6 600	\$6 800	\$7 100	\$9 000	-
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 219	1 044	145	30	3 352	564	766	657	325	493	547	-
1968	1 118	993	119	6	1 544	238	427	228	155	299	197	-
1967	980	847	94	39	935	180	206	204	87	160	98	-
1965 and 1966	1 861	1 717	125	19	1 285	143	338	189	187	224	197	7
1960 to 1964	3 126	2 909	165	52	1 426	204	385	292	183	253	109	-
1950 to 1959	3 686	3 326	329	31	769	141	254	148	68	114	44	-
1949 or earlier	3 154	2 508	646	-	507	116	210	77	41	46	17	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	9 770	1 550	2 632	1 758	1 091	1 584	1 144	11
Less than \$50	...	...	...	...	124	15	17	22	9	45	16	-
\$50 to \$59	...	...	...	...	100	-	6	11	19	53	11	-
\$60 to \$69	...	...	...	...	178	5	24	51	38	50	10	-
\$70 to \$79	...	...	...	...	193	-	53	37	46	42	15	-
\$80 to \$99	...	...	...	...	799	61	200	155	156	161	66	-
\$100 to \$119	...	...	...	...	1 248	150	357	316	193	196	29	7
\$120 to \$149	...	...	...	...	2 187	138	728	585	276	255	265	-
\$150 to \$199	...	...	...	...	2 946	248	837	460	306	592	503	-
\$200 to \$299	...	...	...	...	1 297	485	298	88	28	165	233	-
\$300 or more	...	...	...	...	321	253	28	6	5	23	4	-
No cash rent	...	...	...	...	377	195	84	27	14	20	33	4
Median	...	...	...	...	\$148	\$212	\$145	\$134	\$128	\$148	\$170	-
<b>HEATING EQUIPMENT</b>												
Steam or hot water	9 209	8 348	848	13	5 520	895	1 308	897	569	1 071	780	-
Warm-air furnace	5 200	4 430	630	140	2 350	525	881	431	215	186	112	-
Built-in electric units	208	164	44	-	636	31	94	35	97	180	199	-
Floor, wall, or pipeless furnace	139	111	28	-	230	31	77	24	27	58	13	-
Other means	381	224	126	31	1 041	109	267	371	160	83	40	11
None	-	-	-	-	48	14	5	-	23	6	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	5 138	4 675	377	86	2 317	386	361	219	232	504	615	-
Central system	328	316	5	7	49	18	11	7	-	13	-	-
None	9 678	8 353	1 241	84	7 452	1 182	2 214	1 569	814	1 072	594	7
<b>AUTOMOBILES AVAILABLE</b>												
1	4 570	3 851	622	97	4 949	710	1 247	906	560	848	671	7
2	8 011	7 347	607	57	2 431	572	771	377	140	318	253	-
3 or more	1 765	1 614	151	-	361	159	102	26	13	20	41	-
None	798	532	243	23	2 077	145	466	486	333	403	244	-

<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]

Norwalk	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> .....	15 137	96	1 896	3 214	5 690	1 316	344	115	603	373	633	857
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	15 008	96	1 890	3 214	5 648	1 298	344	115	603	358	622	820
0.50 or less .....	8 092	52	540	809	3 163	1 069	218	98	415	291	617	820
0.51 to 1.00 .....	6 371	44	1 261	2 167	2 302	224	118	17	178	55	5	—
1.01 to 1.50 .....	479	—	85	205	158	5	8	—	6	12	—	—
1.51 or more .....	66	—	4	33	25	—	—	—	4	—	—	—
Lacking some or all plumbing facilities .....	129	—	6	—	42	18	—	—	—	15	11	37
0.50 or less .....	85	—	—	—	30	8	—	—	—	5	5	37
0.51 to 1.00 .....	38	—	—	—	12	10	—	—	—	10	6	—
1.01 to 1.50 .....	6	—	—	—	—	—	—	—	—	—	—	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>												
1 .....	13 277	69	1 672	3 011	5 149	1 103	288	97	513	290	471	614
2 or more .....	1 676	27	170	192	503	203	51	18	83	77	134	218
Mobile home or trailer .....	184	—	54	11	38	10	5	—	7	6	28	25
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	782	—	19	15	64	94	5	13	25	47	97	403
\$2,000 to \$2,999 .....	396	9	—	17	27	132	—	12	10	27	27	135
\$3,000 to \$3,999 .....	393	—	9	34	9	121	—	15	26	32	56	91
\$4,000 to \$4,999 .....	298	—	17	4	26	125	19	5	11	17	38	36
\$5,000 to \$5,999 .....	414	5	18	19	56	103	6	4	60	30	73	40
\$6,000 to \$6,999 .....	419	13	9	52	105	75	4	—	52	23	77	9
\$7,000 to \$9,999 .....	1 897	19	304	356	601	161	73	24	109	54	153	43
\$10,000 to \$14,999 .....	4 250	29	823	1 071	1 560	247	91	19	202	80	75	53
\$15,000 to \$24,999 .....	4 509	21	611	1 199	2 224	157	82	15	89	52	23	36
\$25,000 or more .....	1 779	—	86	447	1 018	101	64	8	19	11	14	11
Median .....	\$13 500	...	\$13 500	\$15 300	\$16 800	\$7 100	\$13 600	\$8 100	\$10 200	\$7 600	\$6 300	\$2 200
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup> .....	13 028	69	1 665	2 950	5 071	1 074	288	97	503	281	442	588
Less than 1.5 .....	1 905	—	119	338	1 101	134	69	17	53	43	15	16
1.5 to 1.9 .....	2 110	21	240	478	1 081	106	49	6	68	21	20	20
2.0 to 2.4 .....	2 382	17	383	640	1 052	90	43	19	39	19	43	37
2.5 to 2.9 .....	1 771	14	357	507	639	57	31	4	82	34	36	10
3.0 to 3.9 .....	2 197	3	385	632	742	178	50	4	75	22	49	57
4.0 or more .....	2 549	14	181	355	437	496	46	47	181	137	237	418
Not computed .....	114	—	—	—	19	13	—	—	5	5	42	30
<b>Renter occupied housing units</b> .....	9 825	723	1 981	1 141	1 210	366	455	57	1 339	140	1 685	728
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	9 384	700	1 970	1 131	1 183	366	446	57	1 315	140	1 431	645
0.50 or less .....	3 629	78	276	90	447	182	159	39	399	73	1 265	621
0.51 to 1.00 .....	4 580	573	1 329	703	589	179	216	18	731	52	166	24
1.01 to 1.50 .....	885	26	288	259	98	5	58	—	140	11	—	—
1.51 or more .....	290	23	77	79	49	—	13	—	45	4	—	—
Lacking some or all plumbing facilities .....	441	23	11	10	27	—	9	—	24	—	254	81
0.50 or less .....	88	—	—	—	6	—	5	—	—	—	42	35
0.51 to 1.00 .....	297	17	—	4	11	—	—	—	5	—	212	48
1.01 to 1.50 .....	22	6	6	—	10	—	—	—	—	—	—	—
1.51 or more .....	34	—	5	6	—	—	4	—	19	—	—	—
<b>UNITS IN STRUCTURE</b>												
1 .....	1 605	52	367	325	253	84	97	24	156	23	143	81
2 to 4 .....	4 390	408	941	466	623	174	214	28	629	82	590	235
5 to 19 .....	2 675	209	440	250	214	76	101	5	422	25	642	291
20 or more .....	1 144	54	233	100	120	32	43	—	125	10	306	121
Mobile home or trailer .....	11	—	—	—	—	—	—	—	7	—	4	—
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup> .....	9 770	723	1 958	1 141	1 204	361	445	57	1 339	140	1 678	724
Less than \$50 .....	124	—	—	—	—	15	—	—	12	4	46	47
\$50 to \$59 .....	100	6	—	—	—	15	—	—	27	—	8	44
\$60 to \$69 .....	178	—	4	5	—	5	4	—	21	—	81	58
\$70 to \$79 .....	193	—	6	7	20	10	4	—	18	7	97	24
\$80 to \$99 .....	799	49	75	118	71	33	15	7	101	5	244	81
\$100 to \$119 .....	1 248	66	206	111	175	60	41	—	157	29	289	114
\$120 to \$149 .....	2 187	249	440	206	284	50	134	20	283	33	363	125
\$150 to \$199 .....	2 946	284	717	337	354	67	151	10	441	40	377	168
\$200 to \$299 .....	1 297	53	373	169	193	46	82	—	236	13	102	30
\$300 or more .....	321	10	94	104	38	—	10	—	34	—	31	—
No cash rent .....	377	6	43	84	69	60	4	20	9	9	40	33
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup> .....	9 770	723	1 958	1 141	1 204	361	445	57	1 339	140	1 678	724
Less than \$5,000 .....	2 673	77	113	92	106	170	89	32	645	78	673	598
Less than 20 percent .....	72	—	4	—	—	9	—	—	12	4	32	11
20 to 24 percent .....	94	—	—	5	4	10	—	—	33	—	35	7
25 to 34 percent .....	286	14	9	20	—	15	14	—	69	—	110	35
35 percent or more .....	1 954	58	93	56	87	111	70	22	503	71	408	475
Not computed .....	267	5	7	11	15	25	5	10	28	3	88	70
\$5,000 to \$9,999 .....	3 463	334	659	387	452	107	215	11	465	36	695	102
Less than 20 percent .....	947	102	147	125	160	11	46	—	65	9	251	31
20 to 24 percent .....	913	111	181	89	87	42	71	6	100	13	192	21
25 to 34 percent .....	995	86	229	102	136	19	63	—	134	4	181	41
35 percent or more .....	487	29	75	45	54	9	35	—	163	6	62	9
Not computed .....	121	6	27	26	15	26	—	5	3	4	9	—
\$10,000 to \$14,999 .....	2 374	288	776	407	323	41	102	5	175	19	224	14
Less than 20 percent .....	1 728	245	547	283	259	26	78	—	113	14	163	—
20 to 24 percent .....	343	33	132	45	33	11	9	—	28	—	38	14
25 percent or more .....	217	10	84	41	10	—	15	—	34	—	23	—
Not computed .....	86	—	13	38	21	4	—	—	5	—	—	—
\$15,000 or more .....	1 260	24	410	255	323	43	39	9	54	7	86	10
Less than 20 percent .....	1 101	24	380	200	281	33	35	9	54	7	72	6
20 to 24 percent .....	28	—	4	16	8	—	—	—	—	—	—	—
25 percent or more .....	53	—	23	19	6	—	—	—	—	—	5	—
Not computed .....	78	—	3	20	28	10	4	—	—	—	9	4

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

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

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

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

Norwalk	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>15 137</b>	<b>1 490</b>	<b>4 207</b>	<b>2 715</b>	<b>3 108</b>	<b>1 975</b>	<b>986</b>	<b>411</b>	<b>245</b>	<b>3.2</b>
<b>BEDROOMS</b>										
None and 1	901	519	318	44	-	20	-	-	-	1.4
2	3 761	523	1 726	749	596	130	18	-	19	2.3
3	7 449	520	1 742	1 540	2 123	1 025	354	103	42	3.4
4 or more	3 120	116	366	269	781	781	429	126	252	4.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	201	6	40	41	32	45	21	16	-	3.9
1965 to 1968	1 155	27	170	204	398	197	98	42	19	3.9
1960 to 1964	2 200	93	367	425	637	385	188	58	47	3.8
1950 to 1959	4 614	265	1 289	833	1 091	642	316	101	77	3.4
1940 to 1949	1 739	173	581	384	290	179	85	38	9	2.8
1939 or earlier	5 228	926	1 760	828	660	527	278	156	93	2.5
<b>UNITS IN STRUCTURE</b>										
1	13 277	1 085	3 598	2 418	2 903	1 746	928	368	231	3.3
2 or more	1 676	352	544	266	192	216	53	39	14	2.4
Mobile home or trailer	184	53	65	31	13	13	5	4	-	2.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	10 339	1 192	3 208	1 928	1 917	1 121	623	251	99	2.9
2 and 2 1/2	3 991	234	830	685	987	707	308	168	72	3.7
3 or more	679	46	144	75	132	104	81	46	51	4.1
None or also used by another household	135	34	23	32	7	33	6	-	-	2.8
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>13 647</b>	...	<b>4 207</b>	<b>2 715</b>	<b>3 108</b>	<b>1 975</b>	<b>986</b>	<b>411</b>	<b>245</b>	<b>3.5</b>
Male head, wife present, no nonrelatives	12 212	...	3 382	2 413	2 988	1 895	908	393	233	3.6
Under 25 years	96	...	47	39	10	-	-	-	-	...
25 to 34 years	1 896	...	200	349	702	462	140	43	-	4.1
35 to 44 years	3 214	...	214	433	1 042	766	434	162	163	4.4
45 to 64 years	5 690	...	1 911	1 384	1 178	635	330	182	70	3.2
65 years and over	1 316	...	1 010	208	56	32	4	6	-	2.2
Other male head	459	...	270	67	36	29	45	8	4	2.4
Under 65 years	344	...	187	44	31	25	45	8	4	2.4
65 years and over	115	...	83	23	5	4	-	-	-	2.2
Female head	976	...	555	235	84	51	33	10	8	2.4
Under 65 years	603	...	315	150	55	36	33	6	8	2.5
65 years and over	373	...	240	85	29	15	-	4	-	2.3
<b>One-person households</b>	<b>1 490</b>	<b>1 490</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>13 028</b>	<b>1 030</b>	<b>3 526</b>	<b>2 372</b>	<b>2 882</b>	<b>1 709</b>	<b>916</b>	<b>362</b>	<b>231</b>	<b>3.3</b>
Less than 1.5	1 905	31	491	441	441	214	151	86	50	3.5
1.5 to 1.9	2 110	40	538	438	491	301	186	73	43	3.6
2.0 to 2.4	2 382	80	545	500	587	400	146	89	35	3.6
2.5 to 2.9	1 771	46	397	303	503	295	148	37	42	3.8
3.0 to 3.9	2 197	106	602	393	545	310	154	54	33	3.5
4.0 or more	2 549	655	936	287	305	189	126	23	28	2.2
Not computed	114	72	17	10	10	-	5	-	-	1.3
<b>Renter occupied housing units</b>	<b>9 825</b>	<b>2 413</b>	<b>2 836</b>	<b>1 804</b>	<b>1 341</b>	<b>711</b>	<b>418</b>	<b>218</b>	<b>84</b>	<b>2.4</b>
<b>BEDROOMS</b>										
None	511	490	21	-	-	-	-	-	-	1.0
1	3 604	1 474	1 517	389	170	33	-	21	-	1.7
2	3 928	362	1 149	1 184	602	402	111	46	72	2.9
3 or more	1 767	103	106	322	254	281	369	262	70	4.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	119	51	60	4	-	4	-	-	-	1.6
1965 to 1968	834	240	263	149	122	32	21	-	7	2.2
1960 to 1964	930	226	302	164	105	79	30	20	4	2.3
1950 to 1959	1 603	244	391	333	297	148	101	58	31	3.0
1940 to 1949	1 097	208	303	199	146	134	61	36	10	2.7
1939 or earlier	5 242	1 444	1 517	955	671	314	205	104	32	2.3
<b>UNITS IN STRUCTURE</b>										
1	1 605	224	379	281	307	234	109	62	9	3.2
2	2 632	384	818	587	464	186	117	54	22	2.7
3 and 4	1 758	441	537	358	219	101	54	38	10	2.3
5 to 9	1 091	386	305	198	86	51	50	10	5	2.0
10 to 19	1 584	547	446	193	154	96	80	46	22	2.0
20 or more	1 144	427	351	180	111	43	8	8	16	1.9
Mobile home or trailer	11	4	-	7	-	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	8 725	1 987	2 617	1 662	1 306	602	332	146	73	2.4
2 or more	471	36	99	50	74	116	57	39	-	4.2
None or also used by another household	622	383	121	81	20	-	8	9	-	1.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>7 412</b>	...	<b>2 836</b>	<b>1 804</b>	<b>1 341</b>	<b>711</b>	<b>418</b>	<b>218</b>	<b>84</b>	<b>3.0</b>
Male head, wife present, no nonrelatives	5 421	...	1 857	1 317	1 097	575	327	181	67	3.1
Under 25 years	723	...	343	282	89	9	-	-	-	2.6
25 to 34 years	1 981	...	539	521	513	207	128	52	21	3.4
35 to 44 years	1 141	...	151	169	295	254	148	83	41	4.3
45 to 64 years	1 210	...	539	298	175	105	42	46	5	2.7
65 years and over	366	...	285	47	25	30	18	8	-	2.5
Other male head	512	...	258	120	78	30	18	8	-	2.5
Under 65 years	455	...	223	105	71	30	18	8	-	...
65 years and over	57	...	35	15	7	-	-	-	-	...
Female head	1 479	...	721	367	166	106	73	29	17	2.6
Under 65 years	1 339	...	630	329	160	101	73	29	17	2.6
65 years and over	140	...	91	38	6	5	-	-	-	2.3
<b>One-person households</b>	<b>2 413</b>	<b>2 413</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>9 770</b>	<b>2 402</b>	<b>2 818</b>	<b>1 800</b>	<b>1 325</b>	<b>705</b>	<b>418</b>	<b>218</b>	<b>84</b>	<b>2.4</b>
Less than 10 percent	521	81	135	118	71	49	36	26	5	2.9
10 to 14 percent	1 578	232	550	396	167	94	83	39	17	2.5
15 to 19 percent	1 749	253	588	267	321	163	83	50	24	2.6
20 to 24 percent	1 378	307	388	275	224	87	59	26	12	2.5
25 to 34 percent	1 513	383	354	296	252	134	47	31	16	2.6
35 percent or more	2 479	966	641	392	217	148	86	24	5	1.9
Not computed	552	180	162	56	73	30	24	22	5	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 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]

Norwalk				Norwalk					
	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	77	30	24	23	Vacant for rent	263	146	89	28
<b>ROOMS</b>				<b>ROOMS</b>					
1 to 3 rooms	—	—	—	—	1 room	33	26	7	—
4 rooms	2	—	2	—	2 rooms	24	18	6	—
5 rooms	25	4	9	12	3 rooms	65	33	23	9
6 rooms	23	15	5	3	4 rooms	73	41	21	11
7 rooms or more	27	11	8	8	5 rooms	34	20	10	4
<b>PLUMBING FACILITIES</b>				<b>PLUMBING FACILITIES</b>					
With all plumbing facilities	77	30	24	23	6 rooms	16	4	12	—
Lacking some or all plumbing facilities	—	—	—	—	7 rooms or more	18	4	10	4
<b>BEDROOMS</b>				<b>BEDROOMS</b>					
None and 1	—	—	—	—	With all plumbing facilities	245	135	82	28
2	—	—	—	—	Lacking some or all plumbing facilities	18	11	7	—
3	—	—	—	—	<b>BEDROOMS</b>				
4 or more	86	22	42	22	None	22	22	—	—
<b>YEAR STRUCTURE BUILT</b>				<b>YEAR STRUCTURE BUILT</b>					
1969 to March 1970	14	8	3	3	1	85	42	—	43
1960 to 1968	5	—	—	5	2	130	87	43	—
1950 to 1959	17	9	4	4	3 or more	87	—	44	43
1949 or earlier	41	13	17	11	<b>YEAR STRUCTURE BUILT</b>				
<b>UNITS IN STRUCTURE</b>				<b>UNITS IN STRUCTURE</b>					
1	71	30	18	23	1969 to March 1970	2	—	2	—
2 or more	6	—	6	—	1960 to 1968	36	26	10	—
<b>HEATING EQUIPMENT</b>				<b>UNITS IN STRUCTURE</b>					
Steam or hot water	46	15	16	15	1950 to 1959	30	18	12	—
Warm-air furnace	28	15	5	8	1949 or earlier	195	102	65	28
Built-in electric units	—	—	—	—	<b>UNITS IN STRUCTURE</b>				
Floor, wall, or pipeless furnace	3	—	3	—	1	49	16	22	11
Other means	—	—	—	—	2 to 4	78	51	17	10
None	—	—	—	—	5 to 9	53	23	27	3
<b>SALES PRICE ASKED</b>				<b>RENT ASKED</b>					
Specified vacant for sale <sup>1</sup>	64	30	15	19	10 to 19	51	31	16	4
Less than \$5,000	—	—	—	—	20 or more	32	25	7	—
\$5,000 to \$9,999	—	—	—	—	<b>RENT ASKED</b>				
\$10,000 to \$14,999	—	—	—	—	Specified vacant for rent <sup>2</sup>	263	146	89	28
\$15,000 to \$19,999	4	—	—	4	Less than \$50	—	—	—	—
\$20,000 to \$24,999	4	4	—	—	\$50 to \$59	—	—	—	—
\$25,000 to \$34,999	8	—	3	5	\$60 to \$79	24	4	17	3
\$35,000 to \$49,999	35	23	6	6	\$80 to \$99	38	18	20	—
\$50,000 or more	13	3	6	4	\$100 to \$119	41	32	9	—
Median price asked	—	—	—	—	\$120 to \$149	74	46	16	12
					\$150 to \$199	59	30	16	13
					\$200 or more	27	16	11	—
					Median rent asked	\$132	\$132	—	—

<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]

Norwalk	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	64	—	—	4	4	8	48	263	—	24	38	115	59	27
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities	64	—	—	—	—	—	64	302	—	22	65	66	127	22
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	22	—	—	—	22	—	—
<b>BEDROOMS</b>														
None and 1	—	—	—	—	—	—	—	107	—	—	—	44	63	—
2	—	—	—	—	—	—	—	130	—	22	65	22	21	—
3	—	—	—	—	—	—	—	22	—	—	—	—	—	22
4 or more	64	—	—	—	—	—	64	65	—	—	—	22	43	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970	14	—	—	—	—	—	14	2	—	—	—	—	—	2
1960 to 1968	5	—	—	—	—	5	—	36	—	—	—	13	18	5
1950 to 1959	17	—	—	4	4	9	—	30	—	9	4	8	8	9
1949 or earlier	28	—	—	—	—	3	25	195	—	24	29	98	33	11
<b>UNITS IN STRUCTURE</b>														
1	—	—	—	—	—	—	—	49	—	6	2	14	17	10
2 to 4	—	—	—	—	—	—	—	78	—	2	11	47	13	5
5 to 9	—	—	—	—	—	—	—	104	—	16	25	32	26	5
20 or more	—	—	—	—	—	—	—	32	—	—	—	22	3	7
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included	—	—	—	—	—	—	—	78	—	9	16	36	17	—
Some or no utilities included	—	—	—	—	—	—	—	185	—	15	22	79	42	27

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

## Appendix A.—AREA CLASSIFICATIONS

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### USUAL PLACE OF RESIDENCE

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

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

### COUNTIES

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

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

### PLACES

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

### STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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



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

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### GENERAL

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

### Comparability with 1960 data.—

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

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

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

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

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

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

### LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

#### OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

#### STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

## HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



APPENDIX B—Continued

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

<p><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 style="text-align: center;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:50%;">#4. Block number</th> <th style="width:50%;">#5. 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>	#4. Block number	#5. Serial number	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
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<p><i>Answer these questions for your living quarters</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> Type of unit or quarters</p> <p><b>Occupied</b></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><b>Vacant</b></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p><b>Group quarters</b></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p>																						
<p><b>H11.</b> Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p><input type="radio"/> No</p> <p style="text-align: right;"><i>Phone number</i></p>	<p><b>H10b.</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>C.</b> Vacancy status</p> <p><b>Year round—</b></p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p>																						
<p><b>H12.</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 style="font-size: small; border: 1px solid black; padding: 2px;"><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>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>H13.</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>and</p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p>	<p><b>C/O</b>    <input type="radio"/>    <input type="radio"/></p>																						
<p><b>H14.</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                      <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms                      <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms                      <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms                      <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p>	<p><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>H15.</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>H16.</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>H17.</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>H18.</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 (<i>include mobile homes and trailers</i>)</p>																								

APPENDIX B—Continued

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

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. 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> <hr/> <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> <hr/> <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></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> <hr/> <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> <hr/> <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></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>H14.</b> How are your living quarters heated? <i>Fill one circle for the kind of heat you use most.</i></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><input type="radio"/> 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? <i>Include all apartments, flats, etc., even if vacant.</i></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)      <input checked="" type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$50 to \$249      <input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$250 to \$2,499      <input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

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

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p><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> <hr/> <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="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> <hr/> <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> <hr/> <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 type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <hr/> <p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p> <hr/> <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>	<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</p> <p><b>b.</b> If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <hr/> <p><b>H25a.</b> Which fuel is used most for cooking?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/></p> <p>Bottled, tank, or LP <input type="radio"/></p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p><b>b.</b> Which fuel is used most for house heating?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/></p> <p>Bottled, tank, or LP <input type="radio"/></p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p><b>c.</b> Which fuel is used most for water heating?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/></p> <p>Bottled, tank, or LP <input type="radio"/></p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <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</p> <p><input type="radio"/> 1 bedroom</p> <p><input type="radio"/> 2 bedrooms</p> <p><input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 5 bedrooms or more</p> <hr/> <p><b>H27a.</b> Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <hr/> <p><b>b.</b> Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No</p> <hr/> <p><b>c.</b> Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <hr/> <p><b>d.</b> Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <hr/> <p><b>H28a.</b> Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <hr/> <p><b>b.</b> If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <hr/> <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.</p> <p><input type="radio"/> Yes, one or more    <input type="radio"/> No</p> <hr/> <p><b>H30.</b> Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p>
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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.

**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.

A UNITED STATES  
DEPARTMENT OF  
**COMMERCE**  
PUBLICATION



# Metropolitan Housing Characteristics

ODESSA, TEX.  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-154

1970  
CENSUS OF  
HOUSING

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



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### **HOUSING DIVISION**

**Arthur F. Young, Chief**

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HOUSING**

Metropolitan  
Housing  
Characteristics

**ODESSA, TEX.**

**STANDARD METROPOLITAN  
STATISTICAL AREA**

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Report number	Area	Report number	Area	Report number	Area
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150	Newark, N.J. SMSA	192	San Antonio, Tex. SMSA	234	Waterloo, Iowa SMSA
151	Newport News-Hampton, Va. SMSA	193	San Bernardino-Riverside-Ontario, Calif. SMSA	235	West Palm Beach, Fla. SMSA
152	Norfolk-Portsmouth, Va. SMSA	194	San Diego, Calif. SMSA	236	Wheeling, W. Va.-Ohio SMSA
153	Norwalk, Conn. SMSA	195	San Francisco-Oakland, Calif. SMSA	237	Wichita, Kans. SMSA
154	Odessa, Tex. SMSA	196	San Jose, Calif. SMSA	238	Wichita Falls, Tex. SMSA
155	Ogden, Utah SMSA	197	Santa Barbara, Calif. SMSA	239	Wilkes-Barre-Hazleton, Pa. SMSA
156	Oklahoma City, Okla. SMSA	198	Santa Rosa, Calif. SMSA	240	Wilmington, Del.-N.J.-Md. SMSA
157	Omaha, Nebr.-Iowa SMSA	199	Savannah, Ga. SMSA	241	Wilmington, N.C. SMSA
158	Orlando, Fla. SMSA	200	Scranton, Pa. SMSA	242	Worcester, Mass. SMSA
159	Owensboro, Ky. SMSA	201	Seattle-Everett, Wash. SMSA	243	York, Pa. SMSA
160	Oxnard-Ventura, Calif. SMSA	202	Sherman-Denison, Tex. SMSA	244	Youngstown-Warren, Ohio SMSA
161	Paterson-Clifton-Passaic, N.J. SMSA	203	Shreveport, La. SMSA	245	Caguas, Puerto Rico SMSA
162	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, Puerto Rico SMSA
163	Peoria, Ill. SMSA	205	Sioux Falls, S. Dak. SMSA	247	Ponce, Puerto Rico SMSA
164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, Puerto Rico SMSA
165	Philadelphia, Pa.-N.J. SMSA	207	Spokane, Wash. SMSA		
166	Phoenix, Ariz. SMSA	208	Springfield, Ill. SMSA		
167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		

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

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

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

## GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

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## INTRODUCTION—Continued

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

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

### PROCESSING PROCEDURES

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

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

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

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

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CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

**Odessa, Tex.**

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 154.]

page

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MAP

Counties, Standard Metropolitan  
Statistical Areas, and Selected Places X

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INDEX OF TABLES

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

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

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CONTENTS--Continued

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LIST OF TABLES

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

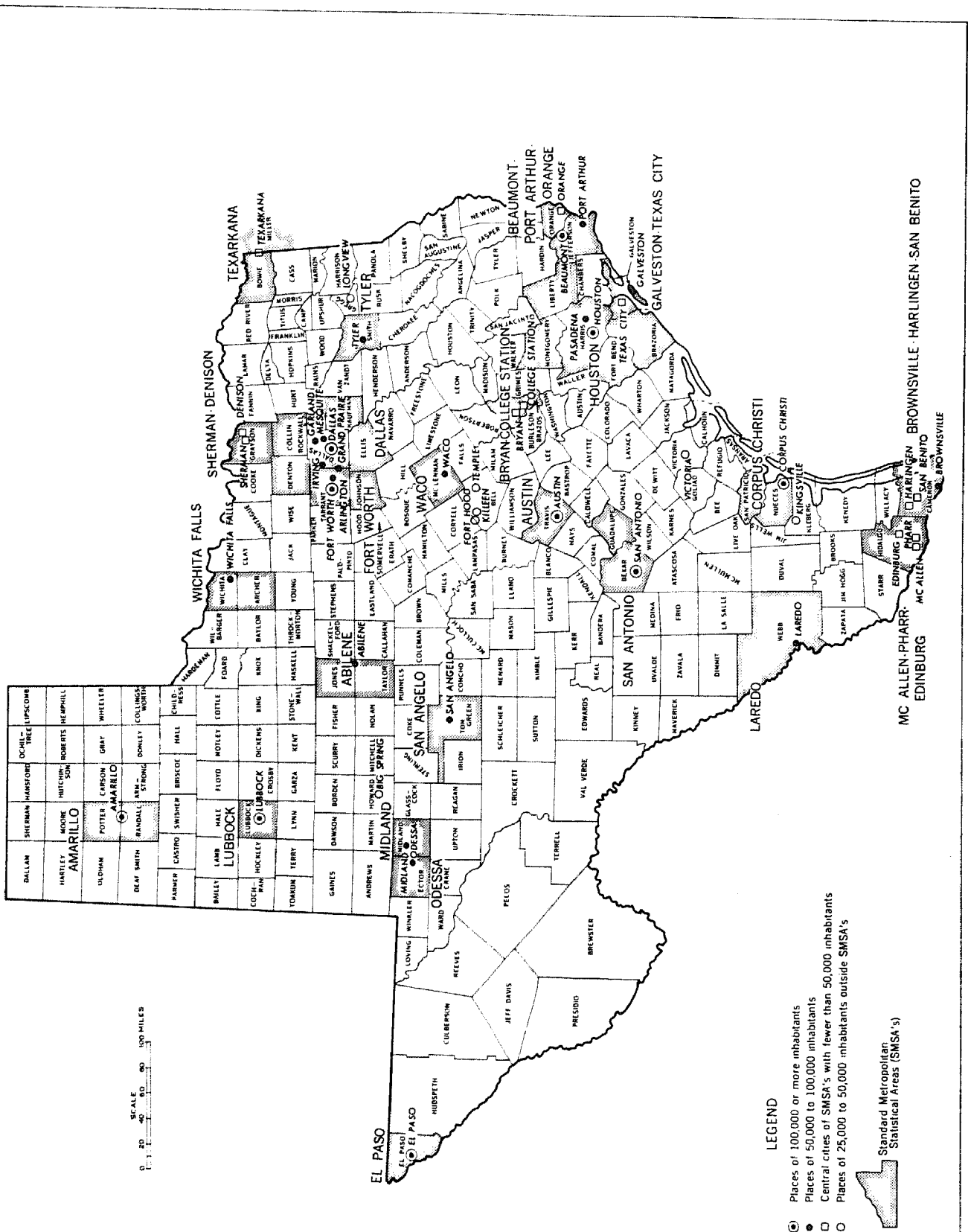
TABLE

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

TABLE

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

# Counties, Standard Metropolitan Statistical Areas, and Selected Places





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

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

The SMSA	Total	Less than	\$5,000	\$7,500	\$10,000	\$12,500	\$15,000	\$20,000	\$25,000	\$35,000	\$50,000	Median (dollars)
		\$5,000	to \$7,499	to \$9,999	to \$12,499	to \$14,999	to \$19,999	to \$24,999	to \$34,999	to \$49,999	or more	
<b>Specified owner occupied<sup>1</sup></b>	<b>18 135</b>	<b>2 173</b>	<b>2 381</b>	<b>3 595</b>	<b>3 192</b>	<b>2 170</b>	<b>2 441</b>	<b>1 061</b>	<b>719</b>	<b>269</b>	<b>134</b>	<b>10 700</b>
<b>ROOMS</b>												
1 and 2 rooms	122	104	4	5	4	5	—	—	—	—	—	5000—
3 rooms	470	323	111	11	19	—	—	—	—	—	—	5000—
4 rooms	3 303	1 037	937	862	309	85	52	11	5	—	—	6 600
5 rooms	8 228	540	1 013	2 099	1 993	1 248	1 015	241	40	29	10	10 600
6 rooms	4 208	163	282	555	707	710	1 016	492	229	29	25	13 900
7 rooms	1 223	—	28	57	117	112	292	273	232	91	21	20 100
8 rooms or more	581	6	6	6	43	10	66	44	207	115	78	30 300
Median	5.1	4.1	4.6	4.9	5.1	5.3	5.7	6.1	6.8	7.3	7.5+	....
<b>PERSONS</b>												
1 person	1 460	352	307	303	225	115	69	41	39	5	4	8 100
2 persons	4 940	647	643	1 017	789	560	677	317	182	68	40	10 500
3 persons	3 464	257	380	816	616	417	539	180	182	45	32	11 100
4 persons	3 896	276	414	678	801	579	594	295	163	87	9	11 800
5 persons	2 381	177	251	444	492	325	391	127	114	32	28	11 600
6 persons or more	1 994	464	386	337	269	174	171	101	39	32	21	8 600
Median	3.3	2.8	3.1	3.1	3.4	3.5	3.4	3.5	3.3	3.7	3.2	....
Units with roomers, boarders, or lodgers	243	50	32	55	29	31	27	19	—	—	—	9 300
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>18 017</b>	<b>2 103</b>	<b>2 343</b>	<b>3 595</b>	<b>3 182</b>	<b>2 170</b>	<b>2 441</b>	<b>1 061</b>	<b>719</b>	<b>269</b>	<b>134</b>	<b>10 800</b>
0.50 or less	7 545	854	973	1 457	1 151	851	1 050	505	430	171	103	11 100
0.51 to 1.00	8 662	669	931	1 788	1 837	1 189	1 302	536	281	98	31	11 300
1.01 to 1.50	1 411	353	329	312	190	125	74	20	8	—	—	7 700
1.51 or more	399	227	110	38	4	5	15	—	—	—	—	5000—
<b>Lacking some or all plumbing facilities</b>	<b>118</b>	<b>70</b>	<b>38</b>	<b>—</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>5000—</b>
0.50 or less	22	12	5	—	5	—	—	—	—	—	—	....
0.51 to 1.00	55	31	19	—	5	—	—	—	—	—	—	....
1.01 to 1.50	23	16	7	—	—	—	—	—	—	—	—	....
1.51 or more	18	11	7	—	—	—	—	—	—	—	—	....
<b>BEDROOMS</b>												
None and 1	636	450	147	—	39	—	—	—	—	—	—	5000—
2	5 083	1 229	1 183	1 514	641	182	223	89	22	—	—	7 700
3	11 453	455	832	1 950	2 866	1 627	2 281	957	343	120	22	12 200
4 or more	1 093	18	85	64	152	41	104	94	221	192	122	24 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	131	10	13	20	5	—	21	34	6	22	—	19 000
1965 to 1968	1 167	16	44	34	66	55	369	210	256	102	15	20 000
1960 to 1964	2 898	118	210	412	469	454	596	334	186	77	42	13 800
1950 to 1959	10 505	1 000	1 300	2 304	2 286	1 504	1 344	444	211	53	58	10 700
1940 to 1949	2 927	867	687	716	315	128	101	34	49	15	15	7 200
1939 or earlier	507	162	127	109	51	28	10	5	11	—	4	6 800
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	10 528	1 977	2 161	3 141	1 912	889	334	64	27	17	6	8 400
2 and 2 1/2	6 888	136	173	478	1 110	1 391	2 032	860	543	116	49	15 300
3 or more	538	—	—	15	7	19	47	100	181	110	74	30 300
None or also used by another household	139	73	39	—	12	—	—	—	—	—	—	5000—
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>16 475</b>	<b>1 821</b>	<b>2 074</b>	<b>3 292</b>	<b>2 967</b>	<b>2 055</b>	<b>2 372</b>	<b>1 020</b>	<b>680</b>	<b>264</b>	<b>130</b>	<b>11 000</b>
Male head, wife present, no nonrelatives	15 160	1 532	1 824	2 998	2 706	1 913	2 205	970	638	249	125	11 600
Under 25 years	750	96	172	239	159	39	34	11	—	—	—	8 600
25 to 34 years	2 967	240	378	694	672	363	437	116	41	26	—	10 600
35 to 44 years	3 992	269	362	650	763	675	593	319	251	82	28	12 300
45 to 64 years	6 288	672	677	1 177	966	751	1 030	489	319	131	76	11 600
65 years and over	1 163	255	235	238	146	85	111	35	27	10	21	8 500
Other male head	554	120	90	92	85	41	59	23	30	9	5	9 300
Under 65 years	521	104	85	87	85	41	59	23	23	9	5	9 600
65 years and over	33	16	5	5	—	—	—	—	7	—	—	....
Female head	961	169	160	202	176	101	108	27	12	6	—	9 400
Under 65 years	846	144	128	178	158	96	104	20	12	6	—	9 600
65 years and over	115	25	32	24	18	5	4	7	—	—	—	7 600
<b>One-person households</b>	<b>1 460</b>	<b>352</b>	<b>307</b>	<b>303</b>	<b>225</b>	<b>115</b>	<b>69</b>	<b>41</b>	<b>39</b>	<b>5</b>	<b>4</b>	<b>8 100</b>
Under 65 years	904	195	149	192	163	83	57	36	29	—	—	8 900
65 years and over	556	157	158	111	62	32	12	5	10	5	4	6 900
<b>INCOME IN 1969</b>												
Less than \$2,000	1 277	412	342	187	143	75	59	14	29	10	6	6 700
\$2,000 to \$2,999	587	212	155	108	72	11	18	6	5	—	—	6 300
\$3,000 to \$3,999	736	250	162	164	68	32	44	—	6	10	—	6 800
\$4,000 to \$4,999	788	245	176	171	72	79	28	17	—	—	—	7 100
\$5,000 to \$5,999	957	246	210	229	171	110	57	20	7	14	10	7 700
\$6,000 to \$6,999	902	118	214	244	158	57	69	26	16	—	—	8 700
\$7,000 to \$9,999	4 390	466	615	1 291	915	493	432	99	54	10	15	9 700
\$10,000 to \$14,999	5 359	171	370	909	1 354	999	1 035	331	151	34	5	12 300
\$15,000 to \$24,999	2 515	47	101	287	250	344	603	449	316	90	28	16 800
\$25,000 or more	624	6	36	5	50	26	96	99	135	101	70	24 700
Median	\$9 600	\$4 900	\$6 700	\$8 600	\$10 200	\$11 400	\$12 500	\$15 400	\$17 900	\$21 300	\$27 300	....
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 000	326	360	612	606	362	377	182	132	43	—	10 800
1968	1 929	193	235	508	273	234	268	122	69	27	—	10 300
1967	1 437	119	225	283	233	161	254	76	67	19	—	11 000
1965 and 1966	2 396	284	382	403	426	266	303	157	122	33	20	10 800
1960 to 1964	3 691	409	456	648	574	581	533	212	187	58	33	11 400
1950 to 1959	4 659	628	450	970	840	635	643	242	138	56	57	10 800
1949 or earlier	981	227	265	210	89	60	35	33	36	7	19	7 500
<b>HEATING EQUIPMENT</b>												
Steam or hot water	89	52	4	5	22	6	—	—	—	—	—	....
Warm-air furnace	8 700	69	284	747	1 631	1 711	2 189	1 009	671	259	130	14 900
Built-in electric units	477	58	72	208	76	27	9	—	—	—	—	8 800
Floor, wall, or pipeless furnace	5 338	392	1 132	2 122	1 143	300	189	28	23	5	4	8 800
Other means	3 509	1 590	889	513	315	121	46	15	15	5	—	5 500
None	22	12	—	—	5	—	—	—	—	—	—	....
<b>AIR CONDITIONING</b>												
Room unit(s)	4 897	1 339	1 287	1 266	557	179	185	37	47	—	—	7 200
Central system	4 679	220	396	898	787	434	741	451	420	210	122	12 700
None	8 517	627	690	1 470	1 697	1 686	1 487	536	284	33	7	12 200

<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:</b>	7 480	441	508	952	843	1 496	952	771	673	266	6	572	89
<b>ROOMS</b>													
1 room	183	62	23	38	25	-	10	4	-	-	-	21	58
2 rooms	715	135	184	176	55	38	41	36	6	-	-	44	61
3 rooms	1 785	60	194	359	247	306	183	187	116	12	-	121	79
4 rooms	2 602	80	78	313	390	779	312	131	223	128	-	168	89
5 rooms	1 596	76	18	62	102	321	319	329	174	61	-	134	110
6 rooms	477	22	5	-	19	47	83	74	115	55	6	51	135
7 rooms	78	6	-	4	5	5	4	10	15	5	-	18	...
8 rooms or more	44	-	-	-	-	-	-	-	24	5	-	15	...
Median	3.9	2.9	2.7	3.2	3.7	4.0	4.3	4.6	4.5	4.4	...	4.1	...
<b>PERSONS</b>													
1 person	1 551	206	175	295	173	196	120	130	106	26	-	124	72
2 persons	2 028	94	117	256	290	421	247	203	141	76	-	183	88
3 persons	1 454	43	93	166	151	332	241	153	111	66	-	98	94
4 persons	1 189	50	57	103	89	246	156	158	184	65	-	81	101
5 persons	602	18	39	55	56	144	64	64	68	22	6	40	96
6 persons or more	656	30	27	77	84	157	98	63	63	11	-	46	89
Median	2.6	1.7	2.2	2.2	2.4	2.9	3.0	2.8	3.3	3.0	...	2.4	...
Units with roomers, boarders, or lodgers	106	10	8	28	19	5	21	5	-	-	-	10	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	7 378	413	499	922	838	1 496	952	767	673	266	6	546	90
0.50 or less	2 604	190	174	360	295	491	282	257	212	106	-	239	88
0.51 to 1.00	3 625	172	171	376	389	744	536	442	394	154	6	241	95
1.01 to 1.50	728	14	73	107	91	190	95	62	61	-	-	35	85
1.51 or more	419	37	81	79	63	71	39	4	6	6	-	31	70
<b>Lacking some or all plumbing facilities</b>	103	28	9	30	5	-	-	4	-	-	-	26	...
0.50 or less	54	18	5	20	-	-	-	-	-	-	-	11	...
0.51 to 1.00	36	7	4	5	5	-	-	4	-	-	-	11	...
1.01 to 1.50	5	-	-	5	-	-	-	-	-	-	-	-	...
1.51 or more	7	3	-	-	-	-	-	-	-	-	-	4	...
<b>BEDROOMS</b>													
None	244	61	61	21	39	-	-	-	-	-	-	62	...
1	2 722	244	415	649	340	351	233	203	122	60	-	105	70
2	2 850	118	75	343	395	909	392	114	219	75	-	210	89
3 or more	1 636	-	19	54	36	368	248	398	318	100	-	95	123
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	98	6	11	6	8	22	19	-	14	7	-	5	...
1965 to 1968	481	12	5	26	26	28	50	95	77	110	-	52	141
1960 to 1964	763	6	37	24	37	44	31	153	277	98	-	56	154
1950 to 1959	3 398	185	200	308	342	737	575	456	285	47	6	257	95
1940 to 1949	2 277	174	203	516	373	527	237	56	20	4	-	122	75
1939 or earlier	463	58	52	72	57	93	40	11	-	-	-	80	72
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	-	-	-	-	-	-	-	-	-	-	-	-	-
With elevator	-	-	-	-	-	-	-	-	-	-	-	-	-
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 3 floors	7 452	423	570	1 067	810	1 628	873	715	659	235	-	472	88
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	6 700	412	502	856	849	1 371	908	667	457	180	-	498	87
2 or more	633	7	-	-	25	36	87	87	188	91	8	104	156
None or also used by another household	152	27	13	53	6	24	7	7	-	-	-	22	...
<b>INCOME IN 1969</b>													
Less than \$2,000	962	122	118	182	108	143	74	46	28	11	-	130	70
\$2,000 to \$2,999	531	36	45	113	88	106	38	42	-	-	-	63	75
\$3,000 to \$3,999	529	31	79	93	77	97	47	34	10	5	-	56	74
\$4,000 to \$4,999	600	25	51	145	102	119	68	47	5	11	-	27	76
\$5,000 to \$5,999	692	42	73	120	111	142	78	52	12	5	-	57	77
\$6,000 to \$6,999	723	43	24	45	92	226	101	75	43	8	-	66	91
\$7,000 to \$9,999	1 746	96	73	174	185	424	334	197	144	20	6	93	95
\$10,000 to \$14,999	1 195	38	41	52	68	188	158	232	280	77	-	61	123
\$15,000 to \$24,999	411	4	4	28	6	46	44	41	117	102	-	19	160
\$25,000 or more	91	4	-	91	6	5	10	5	34	27	-	-	...
Median	\$6 700	\$5 200	\$4 200	\$4 600	\$5 400	\$6 600	\$7 600	\$8 400	\$11 700	\$14 700	...	\$5 200	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	4 933	201	356	627	580	1 023	720	579	468	214	-	165	91
1968	898	50	64	85	108	185	82	77	58	28	-	161	86
1967	490	30	23	55	76	62	49	35	53	20	-	67	91
1965 and 1966	327	23	48	13	37	51	12	13	36	9	8	77	82
1960 to 1964	524	75	24	75	65	95	74	41	23	-	-	52	80
1950 to 1959	264	61	-	42	14	15	38	16	7	-	-	71	68
1949 or earlier	49	6	-	12	-	-	-	-	-	-	-	31	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	885	215	124	147	91	142	87	29	44	6	-	...	67
10 to 14 percent	1 681	58	110	227	231	460	220	170	126	79	-	...	89
15 to 19 percent	1 556	38	78	169	178	353	254	193	237	56	-	...	98
20 to 24 percent	829	17	49	90	90	149	151	124	110	49	-	...	103
25 to 34 percent	683	42	29	75	82	138	98	97	86	36	-	...	96
35 percent or more	1 159	60	104	226	151	234	140	142	56	40	6	...	83
Not computed	687	11	14	18	20	20	2	16	14	-	-	572	77
<b>AIR CONDITIONING</b>													
Room units)	3 115	190	345	556	504	666	337	135	34	8	-	340	76
Central system	1 521	100	12	25	49	139	221	291	366	229	8	81	138
None	2 849	156	158	328	327	626	437	335	245	34	-	203	91

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	\$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>	20 043	1 490	721	832	866	1 064	1 075	4 829	5 825	2 663	678	9 500
<b>ROOMS</b>												
1 and 2 rooms	184	67	23	14	5	13	14	28	15	5	-	3 100
3 rooms	798	130	122	57	107	70	66	139	90	5	12	4 800
4 rooms	4 065	600	305	342	282	327	269	1 040	634	219	47	6 700
5 rooms	8 758	438	203	280	358	438	501	2 440	3 065	926	109	9 700
6 rooms	4 372	214	51	99	88	176	179	945	1 519	897	204	11 400
7 rooms or more	1 866	41	17	40	26	40	46	237	502	611	306	14 800
<b>PERSONS</b>												
1 person	1 788	757	245	140	126	91	43	246	108	16	16	2 600
2 persons	5 542	388	280	325	317	345	357	1 293	1 406	598	233	8 800
3 and 4 persons	7 978	252	133	228	233	337	361	2 136	2 706	1 331	261	10 600
5 persons	2 565	41	23	49	59	138	118	662	950	405	120	11 000
6 persons or more	2 170	52	40	90	131	153	196	492	655	313	48	9 600
Units with roomers, boarders, or lodgers	257	60	36	16	8	19	16	49	47	6	-	5 400
<b>BEDROOMS</b>												
Less than 3	6 998	984	501	513	586	417	336	1 907	1 282	348	124	7 300
3	11 928	359	255	388	209	564	600	2 977	4 248	2 006	322	10 700
4 or more	1 117	21	22	42	-	-	57	101	379	267	228	14 200
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	342	22	5	5	14	41	23	81	91	49	11	9 300
1960 to 1968	4 963	191	108	105	151	139	196	1 174	1 609	1 039	257	11 300
1950 to 1959	11 087	631	327	462	460	595	640	2 803	3 463	1 337	369	9 600
1949 or earlier	3 651	646	281	260	241	289	222	771	662	238	41	6 500
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 650	242	102	117	233	206	278	1 016	974	434	48	8 900
1968	2 187	112	56	93	106	121	143	551	711	242	52	9 500
1960 to 1967	8 328	474	203	288	308	451	402	2 094	2 535	1 271	302	9 900
1959 or earlier	5 876	703	331	313	251	302	287	1 135	1 557	735	264	9 000
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	16 397	734	377	609	591	702	796	4 195	5 280	2 503	610	10 200
Clothes dryer	9 509	320	104	205	207	208	430	2 232	3 372	1 948	483	11 600
Dishwasher	5 680	147	20	122	132	188	334	768	2 257	1 290	422	12 500
Home food freezer	8 270	376	190	228	147	275	374	1 694	2 914	1 688	384	11 500
Owned second home	1 333	105	40	21	63	-	108	307	308	299	82	10 400
With air conditioning	10 794	923	468	529	573	704	652	2 586	2 489	1 445	425	8 800
Room unit(s)	5 508	672	367	386	403	512	374	1 389	1 020	338	47	7 100
Central system	5 286	251	101	143	170	192	278	1 197	1 469	1 107	378	11 100
Automobiles available:												
1	6 693	913	438	504	516	600	515	1 677	1 197	278	55	6 700
2	9 902	253	113	208	266	375	483	2 535	3 619	1 661	389	11 000
3 or more	2 671	38	24	18	63	71	78	512	909	736	222	12 900
<b>Renter occupied housing units</b>	7 545	971	536	540	615	692	727	1 757	1 205	411	91	6 600
<b>ROOMS</b>												
1 room	183	48	26	11	21	7	17	34	19	-	-	4 300
2 rooms	715	160	78	85	70	87	62	126	35	12	-	4 500
3 rooms	1 794	316	169	180	165	215	133	313	194	89	20	5 300
4 rooms	2 630	324	153	192	233	268	298	600	372	163	27	6 500
5 rooms	1 608	91	86	58	92	92	53	193	373	81	11	8 100
6 rooms or more	615	32	24	14	34	23	24	153	212	66	33	10 100
<b>PERSONS</b>												
1 person	1 560	520	148	140	97	135	155	218	97	45	5	3 800
2 persons	2 042	211	187	166	143	222	163	410	336	154	50	6 600
3 and 4 persons	2 681	163	124	167	262	211	315	740	511	162	26	7 400
5 persons	606	23	53	30	68	39	40	162	146	40	5	7 900
6 persons or more	656	54	24	37	45	85	54	227	115	10	5	7 400
Units with roomers, boarders, or lodgers	106	33	23	8	16	-	-	26	-	-	-	2 900
<b>BEDROOMS</b>												
None	244	121	21	-	21	-	20	21	40	-	-	...
1	2 722	559	178	293	439	278	144	432	277	101	21	4 800
2	2 923	488	183	187	272	261	349	586	459	138	-	6 200
3 or more	1 656	97	78	18	70	76	251	402	512	114	38	8 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	98	17	6	8	5	3	4	37	-	11	7	...
1960 to 1968	1 255	93	50	67	104	92	122	217	317	153	40	8 400
1950 to 1959	3 402	384	227	190	248	310	319	905	597	192	30	7 100
1949 or earlier	2 790	477	253	275	258	287	282	598	291	55	14	5 500
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	4 959	503	326	415	400	537	445	1 232	834	209	58	6 700
1968	903	102	108	37	82	69	130	200	84	62	29	6 400
1960 to 1967	1 348	226	98	84	47	65	117	379	221	97	14	7 300
1959 or earlier	335	83	30	21	14	31	28	45	45	38	-	5 600
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	7 480	962	531	529	600	692	723	1 746	1 195	411	91	6 600
Less than 15 percent	2 566	-	10	11	44	190	180	975	725	340	91	9 600
15 to 19 percent	1 556	-	18	73	187	216	282	415	313	52	-	7 000
20 to 24 percent	829	9	24	130	150	147	110	179	80	-	-	5 700
25 to 34 percent	683	47	105	170	140	65	62	78	16	-	-	4 100
35 percent or more	1 159	661	311	89	52	17	23	6	-	-	-	2000-
Not computed	687	245	63	56	27	57	66	93	61	19	-	3 600
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	3 186	232	140	188	282	162	483	774	729	175	21	7 400
Clothes dryer	1 554	118	21	71	188	173	173	307	518	118	21	8 800
Dishwasher	994	-	21	53	99	17	113	250	266	156	19	9 300
Home food freezer	971	135	18	55	56	76	76	170	345	59	38	9 200
Owned second home	494	101	21	38	19	82	39	54	58	82	-	5 800
With air conditioning	4 675	632	349	344	306	497	449	980	749	300	69	6 500
Room unit(s)	3 143	507	276	277	261	398	327	649	334	84	30	5 600
Central system	1 532	125	73	67	45	99	122	331	415	216	39	9 100
Automobiles available:												
1	4 145	517	368	345	378	463	475	1 014	436	119	30	6 000
2	2 200	81	55	105	104	142	186	638	626	211	52	9 000
3 or more	382	10	-	15	13	32	15	117	89	76	15	9 700

<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	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>20 043</b>	<b>19 914</b>	<b>8 354</b>	<b>9 501</b>	<b>1 600</b>	<b>459</b>	<b>129</b>	<b>30</b>	<b>58</b>	<b>23</b>	<b>18</b>
<b>PERSONS</b>											
1 person .....	1 788	1 776	1 771	5	—	—	12	12	—	—	—
2 persons .....	5 542	5 515	5 188	318	—	9	27	14	13	—	—
3 persons .....	3 805	3 786	1 206	2 567	—	—	19	—	14	5	—
4 persons .....	4 173	4 151	153	3 916	82	—	22	—	22	—	—
5 persons .....	2 565	2 552	36	2 163	312	41	13	4	9	—	—
6 persons or more .....	2 170	2 134	—	532	1 206	396	36	—	—	18	18
Median .....	3.2	3.2	2.0	4.0	6.0	7.5+	3.8	...	...	...	...
Units with roomers, boarders, or lodgers .....	257	247	75	94	58	20	10	—	5	5	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	351	351	92	223	36	—	—	—	—	—	—
1965 to 1968 .....	1 630	1 609	634	867	89	19	21	6	7	—	8
1960 to 1964 .....	3 263	3 257	1 050	1 922	243	42	6	6	—	—	—
1950 to 1959 .....	11 160	11 084	4 480	5 404	923	277	76	18	37	14	7
1940 to 1949 .....	3 110	3 089	1 775	962	247	105	21	6	7	—	8
1939 or earlier .....	529	529	305	180	12	32	—	—	—	—	—
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	1 490	1 451	1 121	276	36	18	39	5	14	6	14
\$2,000 to \$2,999 .....	721	702	476	168	34	24	19	10	9	—	—
\$3,000 to \$3,999 .....	832	828	472	251	71	34	4	4	—	—	—
\$4,000 to \$4,999 .....	866	847	405	293	89	60	19	—	9	10	—
\$5,000 to \$5,999 .....	1 064	1 049	458	399	152	40	15	—	15	—	—
\$6,000 to \$6,999 .....	1 075	1 068	380	483	127	78	7	—	—	7	—
\$7,000 to \$9,999 .....	4 829	4 823	1 708	2 560	457	98	6	—	6	—	—
\$10,000 to \$14,999 .....	5 825	5 805	1 862	3 401	466	76	20	11	5	—	4
\$15,000 to \$24,999 .....	2 663	2 663	1 064	1 404	164	31	—	—	—	—	—
\$25,000 or more .....	678	678	408	266	4	—	—	—	—	—	—
Median .....	\$9 500	\$9 500	\$8 500	\$10 500	\$8 900	\$6 700	\$4 100	...	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied:											
Less than 1.5 .....	18 135	18 017	7 545	8 662	1 411	399	118	22	55	23	18
1.5 to 1.9 .....	11 903	11 844	4 021	6 298	1 166	359	59	7	31	17	4
2.0 to 2.4 .....	2 648	2 633	1 189	1 290	133	21	15	—	15	—	—
2.5 to 2.9 .....	1 110	1 093	576	451	56	10	17	10	—	—	7
3.0 to 3.9 .....	573	573	388	168	17	—	—	—	—	—	—
4.0 or more .....	596	586	368	199	14	5	10	—	4	6	—
Not computed .....	1 126	1 109	879	201	25	4	17	5	5	—	7
179	179	124	55	—	—	—	—	—	—	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	95	95	40	41	9	5	—	—	—	—	—
Warm-air furnace .....	9 887	9 876	4 041	5 229	535	71	11	8	3	—	—
Built-in electric units .....	506	506	186	236	62	22	—	—	3	—	—
Floor, wall, or pipeless furnace .....	5 727	5 722	2 482	2 721	448	71	5	—	—	5	—
Other means .....	3 806	3 710	1 605	1 269	546	290	96	17	50	18	11
None .....	22	5	—	5	—	—	17	5	5	—	7
<b>Renter occupied housing units</b> .....	<b>7 545</b>	<b>7 443</b>	<b>2 631</b>	<b>3 665</b>	<b>728</b>	<b>419</b>	<b>102</b>	<b>54</b>	<b>36</b>	<b>5</b>	<b>7</b>
<b>PERSONS</b>											
1 person .....	1 560	1 506	1 380	126	—	—	54	47	7	—	—
2 persons .....	2 042	2 019	1 157	836	—	26	23	7	16	—	—
3 persons .....	1 477	1 474	84	1 290	81	19	3	—	3	—	—
4 persons .....	1 204	1 187	10	1 050	85	42	17	—	10	—	7
5 persons .....	606	606	—	278	246	82	—	—	—	—	—
6 persons or more .....	656	651	—	85	316	250	5	—	—	5	—
Median .....	2.6	2.6	1.5	3.2	5.3	6.6	1.4	...	...	...	...
Units with roomers, boarders, or lodgers .....	106	106	30	57	10	9	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	78	78	25	33	15	5	—	—	—	—	—
1965 to 1968 .....	432	432	206	202	5	19	—	—	—	—	—
1960 to 1964 .....	761	761	260	428	60	13	—	—	—	—	—
1950 to 1959 .....	3 415	3 381	1 046	1 736	412	187	34	6	23	5	—
1940 to 1949 .....	2 389	2 343	935	1 038	182	188	46	35	6	—	5
1939 or earlier .....	470	455	182	194	53	26	15	—	15	—	—
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	971	948	619	225	46	58	23	6	9	5	3
\$2,000 to \$2,999 .....	536	515	211	228	35	41	21	12	9	—	—
\$3,000 to \$3,999 .....	540	528	192	234	63	39	12	12	—	—	—
\$4,000 to \$4,999 .....	615	607	157	327	75	48	8	5	3	—	—
\$5,000 to \$5,999 .....	692	682	212	332	96	42	10	5	5	—	—
\$6,000 to \$6,999 .....	727	709	255	366	56	32	18	7	7	—	4
\$7,000 to \$9,999 .....	1 757	1 747	444	1 000	192	111	10	7	3	—	—
\$10,000 to \$14,999 .....	1 205	1 205	347	671	145	42	—	—	—	—	—
\$15,000 to \$24,999 .....	411	411	148	242	15	6	—	—	—	—	—
\$25,000 or more .....	91	91	46	40	5	—	—	—	—	—	—
Median .....	\$6 600	\$6 600	\$5 600	\$7 400	\$6 900	\$5 600	\$3 600	...	...	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied:											
Less than 10 percent .....	7 480	7 378	2 606	3 625	728	419	102	54	36	5	7
10 to 14 percent .....	885	864	252	484	65	63	21	14	7	—	—
15 to 19 percent .....	1 681	1 670	520	850	205	95	11	11	—	—	—
20 to 24 percent .....	1 556	1 544	416	807	222	99	12	12	—	—	—
25 to 34 percent .....	829	826	245	460	80	41	3	—	—	—	3
35 percent or more .....	683	668	251	339	50	28	15	6	9	—	—
Not computed .....	1 159	1 145	635	396	57	57	14	—	9	5	—
687	661	287	289	49	36	26	11	11	—	—	4
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	153	153	40	63	24	26	—	—	—	—	—
Warm-air furnace .....	1 885	1 882	702	1 018	114	48	3	—	3	—	—
Built-in electric units .....	264	264	137	121	6	—	—	—	—	—	—
Floor, wall, or pipeless furnace .....	2 349	2 349	820	1 247	228	54	—	—	—	—	—
Other means .....	2 889	2 790	932	1 211	356	291	99	54	33	5	7
None .....	5	5	—	5	—	—	—	—	—	—	—

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

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

Table A-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>		20 043	27	157	798	4 065	8 758	4 372	1 261	605	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		19 870	26	142	797	3 938	8 726	4 407	1 245	589	5.1
<b>PERSONS</b>											
1 person		1 788	5	88	232	720	462	235	38	8	4.3
2 persons		5 542	9	53	278	1 487	2 342	1 070	229	74	4.9
3 persons		3 805	13	5	109	737	1 735	820	272	114	5.1
4 persons		4 173	--	--	82	492	2 014	1 103	329	153	5.3
5 persons		2 565	--	--	41	312	1 223	616	249	124	5.3
6 persons or more		2 170	--	11	56	317	982	528	144	132	5.2
Median		3.2	...	1.4	2.1	2.4	3.4	3.6	3.8	4.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
With all plumbing facilities		19 914	27	143	794	4 008	8 728	4 352	1 261	601	5.1
0.50 or less		8 354	--	88	232	2 191	2 799	2 120	539	385	5.1
0.51 to 1.00		9 501	5	44	383	1 210	4 961	1 995	687	216	5.1
1.01 to 1.50		1 600	--	--	82	481	785	226	26	--	4.8
1.51 or more		459	22	11	97	126	183	11	9	--	4.3
Lacking some or all plumbing facilities		129	--	14	--	57	30	20	--	4	4.3
0.50 or less		30	--	--	--	16	5	5	--	4	...
0.51 to 1.00		58	--	9	4	19	11	15	--	--	...
1.01 to 1.50		23	--	5	--	11	7	--	--	--	...
1.51 or more		18	--	--	--	11	7	--	--	--	...
<b>BEDROOMS</b>											
None and 1		922	36	208	538	101	39	--	--	--	2.9
2		6 076	--	--	157	3 894	1 752	252	21	--	4.2
3		11 928	--	--	--	247	7 011	3 571	872	227	5.3
4 or more		1 117	--	--	--	--	18	329	384	386	7.1
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970		342	--	--	13	115	130	43	13	28	4.8
1960 to 1968		4 963	--	9	111	644	1 932	1 377	549	341	5.4
1950 to 1959		11 087	13	74	400	2 007	5 528	2 349	540	176	5.1
1949 or earlier		3 651	14	74	274	1 299	1 168	603	159	60	4.6
<b>COMPLETE BATHROOMS</b>											
1 and 1 1/2		12 096	18	142	768	3 722	5 571	1 622	216	37	4.8
2 or more		7 787	8	--	42	216	3 155	2 785	1 029	552	5.7
None or also used by another household		160	--	--	11	81	44	18	--	6	4.4
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>		18 135	23	99	470	3 303	8 228	4 208	1 223	581	5.1
Less than 1.5		11 903	4	59	285	2 183	5 768	2 754	620	230	5.1
1.5 to 1.9		2 648	5	5	77	309	1 182	644	255	171	5.3
2.0 to 2.9		1 683	10	12	50	292	588	427	218	86	5.3
3.0 or more		1 722	4	23	54	467	624	337	119	94	5.0
Not computed		179	--	--	4	52	66	46	11	--	5.0
<b>Renter occupied housing units</b>		7 545	183	715	1 794	2 630	1 608	477	94	44	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		7 317	122	593	1 835	2 557	1 574	524	73	39	3.9
<b>PERSONS</b>											
1 person		1 560	133	395	616	350	49	17	--	--	2.9
2 persons		2 042	26	176	676	753	308	82	16	5	3.7
3 persons		1 477	19	81	290	613	390	55	23	6	4.1
4 persons		1 204	5	44	85	445	425	165	25	10	4.6
5 persons		606	--	--	82	246	183	70	8	17	4.4
6 persons or more		656	--	19	45	223	253	88	22	6	4.7
Median		2.6	1.2	1.4	1.9	2.8	3.6	4.0	...	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
With all plumbing facilities		7 443	176	656	1 783	2 610	1 608	477	89	44	3.9
0.50 or less		2 631	--	354	610	1 096	357	154	39	21	3.8
0.51 to 1.00		3 665	126	165	961	1 050	998	292	50	23	4.1
1.01 to 1.50		728	--	81	85	358	179	25	--	--	4.1
1.51 or more		419	50	56	127	106	74	6	--	--	3.3
Lacking some or all plumbing facilities		102	7	59	11	20	--	--	5	--	2.2
0.50 or less		54	--	41	6	7	--	--	--	--	...
0.51 to 1.00		36	7	11	5	8	--	--	5	--	...
1.01 to 1.50		5	--	--	--	5	--	--	--	--	...
1.51 or more		7	--	7	--	--	--	--	--	--	...
<b>BEDROOMS</b>											
None		244	204	20	20	--	--	--	--	--	...
1		2 722	--	883	1 537	283	19	--	--	--	2.8
2		2 923	--	--	165	2 249	454	36	19	--	4.1
3 or more		1 656	--	--	--	95	1 117	252	133	59	5.2
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970		98	--	35	31	20	5	7	--	--	...
1960 to 1968		1 255	18	82	381	461	167	117	17	12	3.8
1950 to 1959		3 402	62	260	685	1 126	946	265	26	32	4.1
1949 or earlier		2 790	103	338	697	1 023	490	88	51	--	3.8
<b>COMPLETE BATHROOMS</b>											
1 and 1 1/2		6 747	167	609	1 815	2 535	1 292	289	33	7	3.8
2 or more		646	--	--	20	37	282	235	40	32	5.4
None or also used by another household		152	20	58	6	47	6	7	8	--	2.5
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>		7 480	183	715	1 785	2 602	1 596	477	78	44	3.9
Less than 10 percent		885	52	107	220	279	157	66	4	--	3.7
10 to 14 percent		1 681	30	146	324	612	394	158	11	6	4.1
15 to 19 percent		1 556	26	122	340	558	386	86	26	12	4.0
20 to 24 percent		829	5	71	187	270	230	51	15	--	4.1
25 to 34 percent		683	5	84	159	259	138	23	4	11	3.9
35 percent or more		1 159	39	127	386	428	144	35	--	--	3.6
Not computed		687	26	58	169	196	147	58	18	15	4.0

<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-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	20 043	18 477	296	1 270	7 545	5 229	528	250	185	483	713	157
<b>ROOMS</b>												
1 room	27	23	-	4	183	101	-	13	8	38	10	13
2 rooms	157	103	9	45	715	377	47	19	42	99	109	22
3 rooms	798	487	83	228	1 794	869	146	133	98	187	337	24
4 rooms	4 065	3 375	106	584	2 630	1 830	288	49	32	114	234	83
5 rooms	8 758	8 319	72	367	1 608	1 499	34	12	5	20	23	15
6 rooms	4 372	4 313	17	42	477	420	13	19	-	25	-	-
7 rooms	1 261	1 256	5	-	94	89	-	5	-	-	-	-
8 rooms or more	605	601	4	-	44	44	-	-	-	-	-	-
Median	5.1	5.1	4.0	4.1	3.9	4.2	3.7	3.2	2.9	3.1	3.2	3.7
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	19 914	18 355	296	1 263	7 443	5 176	528	241	185	473	691	149
0.50 or less	8 354	7 716	154	484	2 631	1 681	222	112	66	142	338	70
0.51 to 1.00	9 501	8 803	119	579	3 665	2 580	233	110	79	277	330	56
1.01 to 1.50	1 600	1 424	13	163	728	579	49	9	37	33	8	13
1.51 or more	459	412	10	37	419	336	24	10	3	21	15	10
Lacking some or all plumbing facilities	129	122	-	7	102	53	-	9	-	10	22	8
0.50 or less	30	26	-	4	54	26	-	-	-	5	18	5
0.51 to 1.00	58	55	-	3	36	15	-	9	-	5	4	3
1.01 to 1.50	23	23	-	-	5	5	-	-	-	-	-	-
1.51 or more	18	18	-	-	7	7	-	-	-	-	-	-
<b>BEDROOMS</b>												
None	36	36	-	-	244	164	-	21	-	19	19	21
1	886	621	82	183	2 722	1 316	99	223	238	332	497	17
2	6 076	5 207	171	698	2 923	2 232	245	-	20	78	215	133
3	11 928	11 575	110	243	1 507	1 392	20	77	-	18	-	-
4 or more	1 117	1 117	-	-	149	149	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	342	137	9	196	98	36	16	-	6	13	16	11
1965 to 1968	1 688	1 189	57	442	481	150	20	56	5	37	174	39
1960 to 1964	3 275	2 987	11	277	774	381	8	-	5	166	193	21
1950 to 1959	11 087	10 622	135	330	3 402	2 566	280	61	51	137	221	86
1940 to 1949	3 077	3 002	61	14	2 298	1 723	193	105	81	94	102	-
1939 or earlier	574	540	23	11	492	373	11	28	37	36	7	-
<b>INCOME IN 1969</b>												
Less than \$2,000	1 490	1 311	48	131	971	665	85	34	25	53	74	35
\$2,000 to \$2,999	721	596	23	102	536	361	50	27	17	43	31	7
\$3,000 to \$3,999	832	755	10	67	540	380	27	14	38	32	44	5
\$4,000 to \$4,999	866	793	16	57	615	428	51	8	9	62	31	26
\$5,000 to \$5,999	1 064	972	28	64	692	466	38	38	10	40	72	28
\$6,000 to \$6,999	1 075	938	13	124	727	511	62	21	8	47	66	12
\$7,000 to \$9,999	4 829	4 468	59	302	1 757	1 293	131	50	41	60	144	38
\$10,000 to \$14,999	5 825	5 428	72	325	1 205	859	58	20	25	94	143	6
\$15,000 to \$24,999	2 663	2 556	27	80	411	216	13	25	12	46	99	-
\$25,000 or more	678	660	-	18	91	50	13	13	-	6	9	-
Median	\$9 500	\$9 600	\$7 500	\$7 900	\$6 600	\$6 600	\$6 200	\$6 200	\$5 400	\$6 200	\$7 800	\$5 200
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 650	3 065	67	518	4 959	3 232	440	168	107	394	531	87
1968	2 187	1 957	32	198	903	716	41	35	19	7	61	24
1967	1 602	1 448	23	131	497	347	22	9	20	18	38	43
1965 and 1966	2 771	2 475	37	259	327	221	22	12	-	30	27	15
1960 to 1964	3 955	3 773	60	122	524	459	41	-	7	8	9	-
1950 to 1959	4 780	4 686	27	67	274	209	16	-	7	18	24	-
1949 or earlier	1 098	1 054	29	15	61	49	6	-	-	6	-	-
<b>GROSS RENT</b>												
Specified renter occupied	...	...	...	...	7 480	5 164	528	250	185	483	713	157
Less than \$50	...	...	...	...	441	351	12	9	8	25	18	18
\$50 to \$59	...	...	...	...	508	353	50	24	18	30	22	11
\$60 to \$69	...	...	...	...	952	700	64	39	50	37	37	25
\$70 to \$79	...	...	...	...	843	621	53	21	45	65	11	27
\$80 to \$99	...	...	...	...	1 496	1 050	196	62	31	77	65	15
\$100 to \$119	...	...	...	...	952	661	90	15	15	61	96	14
\$120 to \$149	...	...	...	...	771	571	19	4	4	12	153	8
\$150 to \$199	...	...	...	...	673	358	4	13	-	85	213	-
\$200 to \$299	...	...	...	...	266	101	22	40	-	27	76	-
\$300 or more	...	...	...	...	6	6	-	-	-	-	-	-
No cash rent	...	...	...	...	572	392	18	23	14	64	22	39
Median	...	...	...	...	\$89	\$87	\$88	\$87	\$72	\$95	\$139	\$72
<b>HEATING EQUIPMENT</b>												
Steam or hot water	95	89	-	6	153	142	-	-	-	-	11	-
Warm-air furnace	9 887	8 847	113	932	1 885	1 081	70	86	15	198	348	87
Built-in electric units	506	498	-	8	264	137	4	-	-	11	112	-
Floor, wall, or pipeless furnace	5 727	5 430	78	219	2 349	1 620	339	42	88	114	126	20
Other means	3 806	3 596	105	105	2 889	2 244	115	122	82	160	116	50
None	22	22	-	-	5	5	-	-	-	-	-	-
<b>AIR CONDITIONING</b>												
Room units	5 508	5 029	157	322	3 143	2 275	220	98	111	254	115	70
Central system	5 286	4 812	34	440	1 532	700	64	55	7	145	521	40
None	9 249	8 617	84	548	2 870	2 258	304	71	42	82	54	59
<b>AUTOMOBILES AVAILABLE</b>												
1	6 693	5 953	133	607	4 145	2 738	361	113	102	292	421	118
2	9 902	9 316	91	495	2 200	1 636	133	65	31	107	212	16
3 or more	2 671	2 528	13	130	382	298	18	17	-	9	32	8
None	777	661	38	78	818	561	76	29	27	73	25	27

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>	20 043	935	3 287	4 333	6 783	1 227	565	38	959	128	1 128	660
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	19 914	935	3 277	4 315	6 750	1 213	533	38	949	128	1 116	660
0.50 or less	8 354	238	418	666	3 638	930	159	28	403	103	1 111	660
0.51 to 1.00	9 501	599	2 373	2 908	2 609	252	281	10	439	25	5	-
1.01 to 1.50	1 600	74	446	557	356	22	66	-	79	-	-	-
1.51 or more	459	24	40	184	147	9	27	-	28	-	-	-
Lacking some or all plumbing facilities	129	-	10	18	33	14	32	-	10	-	12	-
0.50 or less	30	-	-	4	9	5	-	-	-	-	12	-
0.51 to 1.00	58	-	10	-	13	3	22	-	10	-	-	-
1.01 to 1.50	23	-	-	-	7	6	10	-	-	-	-	-
1.51 or more	18	-	-	14	4	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	18 477	755	3 031	4 063	6 421	1 168	532	33	860	115	928	571
2 or more	296	11	28	48	59	22	13	-	14	9	56	36
Mobile home or trailer	1 270	169	228	222	303	37	20	5	85	4	144	53
<b>INCOME IN 1969</b>												
Less than \$2,000	1 490	31	43	39	117	188	37	21	221	36	345	412
\$2,000 to \$2,999	721	28	15	27	102	175	29	-	80	20	140	105
\$3,000 to \$3,999	832	42	87	55	186	193	20	-	101	8	93	47
\$4,000 to \$4,999	866	78	114	93	235	87	35	-	76	22	110	16
\$5,000 to \$5,999	1 064	115	116	146	376	124	26	-	66	4	75	16
\$6,000 to \$6,999	1 075	116	175	182	359	80	51	-	48	16	23	20
\$7,000 to \$9,999	4 829	328	1 166	1 046	1 541	149	169	5	179	-	221	25
\$10,000 to \$14,999	5 825	165	1 185	1 687	2 265	111	140	-	148	16	89	19
\$15,000 to \$24,999	2 663	26	352	952	1 175	83	22	7	30	-	16	-
\$25,000 or more	678	6	34	106	427	37	36	-	10	6	14	-
Median	\$9 500	\$7 500	\$9 800	\$11 700	\$11 000	\$4 700	\$8 500	...	\$5 000	\$4 000	\$3 800	\$2000-
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	18 135	750	2 967	3 992	6 288	1 163	521	33	846	115	904	556
Less than 1.5	11 903	550	2 252	3 038	4 536	423	353	5	353	33	319	41
1.5 to 1.9	2 648	104	459	563	962	198	77	7	110	15	92	61
2.0 to 2.4	1 110	56	141	213	331	170	36	-	56	16	47	44
2.5 to 2.9	573	13	29	44	178	101	6	-	66	10	70	56
3.0 to 3.9	596	11	46	57	98	109	6	5	72	16	91	85
4.0 or more	1 126	11	31	77	169	150	33	16	143	25	222	249
Not computed	179	5	9	-	14	12	10	-	46	-	63	20
<b>Renter occupied housing units</b>	7 545	1 059	1 588	858	1 139	197	318	30	743	53	1 236	324
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	7 443	1 052	1 569	846	1 139	197	318	30	733	53	1 191	315
0.50 or less	2 631	205	177	79	463	103	46	12	145	21	1 079	301
0.51 to 1.00	3 665	763	981	473	544	89	216	18	429	26	112	14
1.01 to 1.50	728	55	277	186	54	-	47	-	109	-	-	-
1.51 or more	419	29	134	108	78	5	9	-	50	6	-	-
Lacking some or all plumbing facilities	102	-	7	-	-	-	-	-	10	-	45	9
0.50 or less	54	-	7	-	-	-	-	-	-	-	42	5
0.51 to 1.00	36	4	8	7	-	-	-	-	10	-	3	4
1.01 to 1.50	5	-	-	5	-	-	-	-	-	-	-	-
1.51 or more	7	3	4	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	5 229	714	1 208	699	869	150	204	25	486	53	648	173
2 to 4	778	135	157	43	87	5	19	-	128	-	169	35
5 to 19	668	88	115	34	54	27	37	-	72	-	174	37
20 or more	713	85	97	71	102	15	23	5	49	-	216	50
Mobile home or trailer	157	37	11	11	27	-	5	-	8	-	29	29
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	7 480	1 059	1 576	858	1 109	197	309	30	738	53	1 227	324
Less than \$50	441	26	55	29	58	20	16	5	26	-	126	80
\$50 to \$59	508	87	78	49	49	3	20	-	36	11	138	37
\$60 to \$69	952	135	96	80	104	31	72	11	124	4	272	23
\$70 to \$79	843	122	154	96	128	5	41	9	98	17	124	49
\$80 to \$99	1 496	307	373	109	212	44	72	-	175	8	186	10
\$100 to \$119	952	184	235	137	123	30	16	5	102	8	104	16
\$120 to \$149	771	113	221	96	101	16	32	-	62	-	90	40
\$150 to \$199	673	36	210	142	101	10	5	-	63	-	91	15
\$200 to \$299	266	11	52	68	94	-	-	-	15	-	26	-
\$300 or more	6	-	-	-	6	-	-	-	-	-	-	-
No cash rent	572	38	102	52	133	38	35	-	37	13	70	54
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	7 480	1 059	1 576	858	1 109	197	309	30	738	53	1 227	324
Less than \$5,000	2 622	385	250	113	196	110	116	21	504	31	604	292
Less than 20 percent	343	78	67	15	22	5	21	5	22	-	79	19
20 to 24 percent	313	62	55	11	47	6	14	-	43	-	65	10
25 to 34 percent	462	94	49	23	16	36	23	-	88	5	85	39
35 percent or more	1 113	134	62	51	72	27	26	-	91	9	98	54
Not computed	391	17	17	13	39	27	138	9	180	10	486	22
\$5,000 to \$9,999	3 161	566	843	394	466	47	112	4	114	10	365	6
Less than 20 percent	2 258	416	568	275	346	42	112	4	28	-	56	6
20 to 24 percent	436	92	135	78	32	15	7	5	19	-	39	10
25 to 34 percent	205	35	67	13	15	-	-	-	12	-	18	-
35 percent or more	46	-	5	-	11	-	-	-	7	-	8	-
Not computed	216	23	68	28	62	5	15	-	41	4	87	10
\$10,000 to \$14,999	1 195	92	401	239	242	24	55	-	31	-	82	10
Less than 20 percent	1 038	92	341	209	199	24	50	-	10	-	-	-
20 to 24 percent	80	-	37	18	10	-	-	-	-	-	-	-
25 percent or more	16	-	6	-	10	-	-	-	-	-	-	-
Not computed	61	-	17	12	23	-	-	-	4	5	-	-
\$15,000 or more	502	16	82	112	205	16	-	-	13	8	50	-
Less than 20 percent	483	16	82	108	196	10	-	-	13	8	50	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	19	-	-	4	9	6	-	-	-	-	-	-

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

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

Table A—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>20 043</b>	<b>1 788</b>	<b>5 542</b>	<b>3 805</b>	<b>4 173</b>	<b>2 565</b>	<b>1 259</b>	<b>504</b>	<b>407</b>	<b>3.2</b>
<b>BEDROOMS</b>										
None and 1 .....	922	290	291	141	125	20	55	—	—	2.1
2 .....	6 076	1 011	2 379	1 140	754	426	250	—	116	2.4
3 .....	11 928	445	2 771	2 310	3 069	1 894	907	313	219	3.6
4 or more .....	1 117	—	105	134	203	269	235	97	74	4.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	342	15	73	94	101	32	16	11	—	3.4
1965 to 1968 .....	1 688	51	425	364	429	266	106	29	18	3.5
1960 to 1964 .....	3 275	150	581	689	879	531	303	86	56	3.7
1950 to 1959 .....	11 087	844	3 085	2 082	2 334	1 513	692	296	241	3.3
1940 to 1949 .....	3 077	588	1 189	471	356	190	127	68	88	2.3
1939 or earlier .....	574	140	189	105	74	33	15	14	4	2.3
<b>UNITS IN STRUCTURE</b>										
1 .....	18 477	1 499	5 059	3 509	3 950	2 425	1 158	475	402	3.3
2 or more .....	296	92	88	50	35	22	—	4	5	2.1
Mobile home or trailer .....	1 270	197	395	246	188	118	101	25	—	2.7
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	12 096	1 461	3 647	2 213	2 163	1 236	677	369	330	2.9
2 and 2 1/2 .....	7 214	268	1 802	1 533	1 826	1 180	455	108	42	3.5
3 or more .....	573	20	95	61	149	136	66	40	6	4.2
None or also used by another household .....	160	16	31	24	28	10	20	15	16	3.8
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>18 255</b>	...	<b>5 542</b>	<b>3 805</b>	<b>4 173</b>	<b>2 565</b>	<b>1 259</b>	<b>504</b>	<b>407</b>	<b>3.4</b>
Male head, wife present, no nonrelatives .....	16 565	...	4 924	3 348	3 922	2 402	1 131	459	379	3.5
Under 25 years .....	935	...	237	376	213	61	38	—	10	3.1
25 to 34 years .....	3 287	...	258	632	1 183	789	254	136	35	4.1
35 to 44 years .....	4 333	...	350	636	1 376	1 026	559	196	190	4.4
45 to 64 years .....	6 783	...	3 078	1 571	1 099	503	270	118	144	2.7
65 years and over .....	1 227	...	1 001	133	51	23	10	9	—	2.1
Other male head .....	603	...	165	165	84	75	66	29	19	3.3
Under 65 years .....	565	...	144	148	84	75	66	29	19	3.4
65 years and over .....	38	...	21	—	—	—	—	—	—	—
Female head .....	1 087	...	453	292	167	88	62	16	9	2.8
Under 65 years .....	959	...	350	272	162	88	62	16	9	3.0
65 years and over .....	128	...	103	20	5	—	—	—	—	2.1
<b>One-person households</b> .....	<b>1 788</b>	<b>1 788</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>18 135</b>	<b>1 460</b>	<b>4 940</b>	<b>3 464</b>	<b>3 896</b>	<b>2 381</b>	<b>1 139</b>	<b>471</b>	<b>384</b>	<b>3.3</b>
Less than 1.5 .....	11 903	360	2 966	2 412	2 823	1 797	862	353	330	3.6
1.5 to 1.9 .....	2 648	153	772	531	621	312	153	74	32	3.3
2.0 to 2.4 .....	1 110	91	405	186	187	160	51	19	11	2.8
2.5 to 2.9 .....	573	126	233	79	72	32	17	10	4	2.2
3.0 to 3.9 .....	596	176	172	96	85	37	21	9	—	2.2
4.0 or more .....	1 126	471	351	138	84	39	30	6	7	1.8
Not computed .....	179	83	41	22	24	4	5	—	—	1.7
<b>Renter occupied housing units</b> .....	<b>7 545</b>	<b>1 560</b>	<b>2 042</b>	<b>1 477</b>	<b>1 204</b>	<b>606</b>	<b>360</b>	<b>143</b>	<b>153</b>	<b>2.6</b>
<b>BEDROOMS</b>										
None .....	244	105	98	21	20	—	—	—	—	—
1 .....	2 722	1 107	965	418	120	38	17	23	34	1.8
2 .....	2 923	302	788	727	595	276	138	56	41	3.0
3 or more .....	1 656	58	217	381	519	230	149	79	23	3.8
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	98	24	43	13	14	—	—	—	4	—
1965 to 1968 .....	481	139	196	51	51	9	13	10	5	2.0
1960 to 1964 .....	774	135	195	196	162	53	13	11	9	2.8
1950 to 1959 .....	3 402	557	858	744	553	320	224	53	93	2.9
1940 to 1949 .....	2 298	553	632	389	351	188	83	69	33	2.4
1939 or earlier .....	492	152	118	77	73	36	27	9	9	2.3
<b>UNITS IN STRUCTURE</b>										
1 .....	5 229	821	1 294	1 021	976	518	333	121	145	3.0
2 .....	528	120	133	152	69	43	4	7	—	2.6
3 and 4 .....	250	84	101	29	26	—	10	—	—	1.9
5 to 9 .....	185	64	45	46	22	—	5	3	—	2.1
10 to 19 .....	483	147	156	94	47	31	—	—	8	2.1
20 or more .....	713	266	275	104	53	9	—	6	—	1.8
Mobile home or trailer .....	157	58	38	31	11	5	8	6	—	2.0
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	6 747	1 506	1 830	1 271	1 010	536	319	135	140	2.5
2 or more .....	646	—	166	148	170	73	55	6	28	3.6
None or also used by another household .....	152	66	46	10	20	—	5	5	—	1.7
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>5 985</b>	...	<b>2 042</b>	<b>1 477</b>	<b>1 204</b>	<b>606</b>	<b>360</b>	<b>143</b>	<b>153</b>	<b>3.1</b>
Male head, wife present, no nonrelatives .....	4 841	...	1 590	1 201	997	489	296	133	135	3.2
Under 25 years .....	1 059	...	447	446	138	23	5	—	—	2.7
25 to 34 years .....	1 588	...	251	388	505	244	135	32	33	3.8
35 to 44 years .....	858	...	137	111	196	169	102	84	59	4.4
45 to 64 years .....	1 139	...	594	236	147	53	54	17	38	2.5
65 years and over .....	197	...	161	20	11	—	—	—	5	2.1
Other male head .....	348	...	145	105	61	15	22	—	—	2.8
Under 65 years .....	318	...	129	91	61	15	22	—	—	2.8
65 years and over .....	30	...	16	—	—	—	—	—	—	—
Female head .....	796	...	307	171	146	102	42	10	18	3.0
Under 65 years .....	743	...	277	171	129	96	42	10	18	3.1
65 years and over .....	53	...	30	—	17	6	—	—	—	—
<b>One-person households</b> .....	<b>1 560</b>	<b>1 560</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>7 480</b>	<b>1 551</b>	<b>2 028</b>	<b>1 454</b>	<b>1 189</b>	<b>602</b>	<b>360</b>	<b>143</b>	<b>153</b>	<b>2.6</b>
Less than 10 percent .....	885	144	325	156	137	71	25	11	16	2.4
10 to 14 percent .....	1 681	206	489	372	283	147	105	43	36	2.9
15 to 19 percent .....	1 556	261	299	343	322	155	85	43	48	3.1
20 to 24 percent .....	829	137	178	205	153	71	57	11	17	3.0
25 to 34 percent .....	683	173	208	105	85	55	26	8	23	2.3
35 percent or more .....	1 159	465	320	158	112	58	28	18	—	1.9
Not computed .....	687	165	209	115	97	45	34	9	13	2.4

<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-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> .....	572	132	188	252	<b>Vacant for rent</b> .....	1 443	872	329	242
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	28	8	13	7	1 room .....	40	18	12	10
4 rooms .....	193	28	44	121	2 rooms .....	348	167	106	75
5 rooms .....	253	65	85	103	3 rooms .....	477	344	60	73
6 rooms .....	67	19	27	21	4 rooms .....	423	251	105	67
7 rooms or more .....	31	12	19	-	5 rooms .....	138	79	46	13
					6 rooms .....	17	13	-	4
					7 rooms or more .....	-	-	-	-
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	555	128	179	248	With all plumbing facilities .....	1 363	865	298	200
Lacking some or all plumbing facilities .....	17	4	9	4	Lacking some or all plumbing facilities .....	80	7	31	42
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	62	-	23	39	None .....	18	-	-	18
2 .....	264	63	77	124	1 .....	845	511	177	157
3 .....	270	84	108	78	2 .....	487	289	108	90
4 or more .....	23	-	-	23	3 or more .....	69	33	-	36
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	23	18	5	-	1969 to March 1970 .....	4	4	-	-
1960 to 1968 .....	73	36	28	9	1960 to 1968 .....	158	140	13	5
1950 to 1959 .....	388	69	118	201	1950 to 1959 .....	696	375	191	130
1949 or earlier .....	88	9	37	42	1949 or earlier .....	585	353	125	107
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	522	117	184	221	1 .....	922	525	217	180
2 or more .....	50	15	4	31	2 to 4 .....	115	68	35	12
					5 to 9 .....	96	48	39	9
					10 to 19 .....	161	93	27	41
					20 or more .....	149	138	11	-
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	-	-	-	-	<b>Specified vacant for sale<sup>1</sup></b>	522	117	184	221
Warm-air furnace .....	132	73	40	19	Less than \$5,000 .....	74	11	16	47
Built-in electric units .....	19	4	8	7	\$5,000 to \$9,999 .....	297	48	115	134
Floor, wall, or pipeless furnace .....	322	38	116	168	\$10,000 to \$14,999 .....	88	30	18	40
Other means .....	94	17	19	58	\$15,000 to \$19,999 .....	31	4	27	-
None .....	5	-	5	-	\$20,000 to \$24,999 .....	12	12	-	-
					\$25,000 to \$34,999 .....	14	6	8	-
					\$35,000 to \$49,999 .....	6	6	-	-
					\$50,000 or more .....	-	-	-	-
<b>SALES PRICE ASKED</b>					Median price asked .....	\$8 200	\$10 000	\$7 800	\$7 800
					<b>Specified vacant for rent<sup>2</sup></b>	1 443	872	329	242
					Less than \$50 .....	397	147	133	117
					\$50 to \$59 .....	261	170	50	41
					\$60 to \$79 .....	449	287	100	62
					\$80 to \$99 .....	155	119	28	8
					\$100 to \$119 .....	74	47	18	9
					\$120 to \$149 .....	39	39	-	-
					\$150 to \$199 .....	42	37	-	5
					\$200 or more .....	26	26	-	-
					Median rent asked .....	\$63	\$68	\$56	\$51

<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> .....	522	371	88	31	12	14	6	1 443	658	449	155	113	42	26
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	604	520	46	-	23	15	-	1 383	612	410	167	124	34	36
Lacking some or all plumbing facilities .....	15	15	-	-	-	-	-	36	36	-	-	-	-	-
<b>BEDROOMS</b>														
None and 1 .....	62	62	-	-	-	-	-	863	486	251	72	36	18	-
2 .....	264	249	15	-	-	-	-	487	144	159	80	70	16	18
3 .....	270	201	31	-	23	15	-	69	18	-	15	18	-	18
4 or more .....	23	23	-	-	-	-	-	-	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	23	-	-	5	6	6	6	4	-	-	-	4	-	-
1960 to 1968 .....	69	34	22	3	6	4	-	158	31	44	-	33	33	17
1950 to 1959 .....	346	266	62	14	-	4	-	696	329	207	100	56	-	4
1949 or earlier .....	84	71	4	9	-	-	-	585	298	198	55	20	9	5
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	922	510	253	86	39	11	23
2 to 4 .....	...	...	...	...	...	...	...	115	21	49	33	12	-	-
5 to 19 .....	...	...	...	...	...	...	...	257	95	112	16	18	13	3
20 or more .....	...	...	...	...	...	...	...	149	32	35	20	44	18	-
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	871	392	271	84	66	36	22
Some or no utilities included .....	...	...	...	...	...	...	...	572	266	178	71	47	6	4

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

Table B-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]

Odessa	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>16 178</b>	<b>1 725</b>	<b>2 030</b>	<b>3 279</b>	<b>2 918</b>	<b>2 039</b>	<b>2 275</b>	<b>959</b>	<b>650</b>	<b>207</b>	<b>96</b>	<b>10 900</b>
<b>ROOMS</b>												
1 and 2 rooms	102	84	4	5	4	5	-	-	-	-	-	5000-
3 rooms	402	286	91	11	8	-	-	-	6	-	-	5000-
4 rooms	2 872	853	826	787	273	77	41	5	5	5	5	6 800
5 rooms	7 478	395	868	1 932	1 864	1 205	938	225	25	21	5	10 700
6 rooms	3 773	101	207	492	659	640	972	463	200	19	20	14 200
7 rooms	1 096	-	28	52	89	107	270	241	218	80	11	20 600
8 rooms or more	455	6	6	-	21	5	54	25	196	82	60	30 600
Median	5.1	4.1	4.6	4.9	5.1	5.3	5.7	6.0	6.9	7.2	...	...
<b>PERSONS</b>												
1 person	1 302	277	272	275	209	111	69	41	39	5	4	8 400
2 persons	4 427	519	556	936	747	516	618	291	161	58	25	10 700
3 persons	3 161	209	313	781	581	405	502	169	155	25	21	11 200
4 persons	3 476	188	355	596	715	550	567	272	152	77	4	12 100
5 persons	2 097	133	203	409	422	302	368	102	108	22	28	11 800
6 persons or more	1 715	399	331	282	244	155	151	84	35	20	14	8 600
Median	3.2	2.8	3.1	3.0	3.4	3.5	3.4	3.4	3.3	3.7	...	...
Units with roomers, boarders, or lodgers	228	45	25	55	29	31	24	19	-	-	-	9 500
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>16 133</b>	<b>1 698</b>	<b>2 012</b>	<b>3 279</b>	<b>2 918</b>	<b>2 039</b>	<b>2 275</b>	<b>959</b>	<b>650</b>	<b>207</b>	<b>96</b>	<b>10 900</b>
0.50 or less	6 776	666	845	1 335	1 086	791	987	462	392	135	77	11 200
0.51 to 1.00	7 766	514	791	1 643	1 652	1 132	1 212	481	250	72	19	11 400
1.01 to 1.50	1 207	297	266	268	176	111	65	16	8	-	-	7 900
1.51 or more	384	221	110	33	4	5	11	-	-	-	-	5000-
<b>Lacking some or all plumbing facilities</b>	<b>45</b>	<b>27</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>...</b>
0.50 or less	12	7	5	-	-	-	-	-	-	-	-	...
0.51 to 1.00	13	-	13	-	-	-	-	-	-	-	-	...
1.01 to 1.50	16	16	-	-	-	-	-	-	-	-	-	...
1.51 or more	4	4	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	487	364	105	-	18	-	-	-	-	-	-	5000-
2	4 395	975	1 057	1 351	556	160	2 185	89	22	-	-	7 800
3	10 423	273	810	1 725	2 648	1 527	2 160	858	298	102	22	12 300
4 or more	893	18	39	64	99	41	104	94	200	174	60	24 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	118	5	9	16	5	-	21	34	6	22	-	20 400
1965 to 1968	854	5	11	26	39	18	300	172	207	66	10	20 800
1960 to 1964	2 542	95	162	353	384	435	550	298	176	64	25	14 100
1950 to 1959	9 727	802	1 152	2 159	2 155	1 444	1 306	416	206	40	47	10 900
1940 to 1949	2 532	685	589	645	304	114	92	34	44	15	10	7 500
1939 or earlier	405	133	107	80	31	28	6	5	11	-	4	6 600
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	9 306	1 609	1 835	2 913	1 736	830	294	44	27	12	6	8 500
2 and 2 1/2	6 329	117	143	411	1 048	1 332	1 906	789	483	72	28	15 300
3 or more	467	-	-	-	7	-	47	89	168	90	66	30 400
None or also used by another household	67	30	16	15	6	-	-	-	-	-	-	...
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>14 876</b>	<b>1 448</b>	<b>1 758</b>	<b>3 004</b>	<b>2 709</b>	<b>1 928</b>	<b>2 206</b>	<b>918</b>	<b>611</b>	<b>202</b>	<b>92</b>	<b>11 100</b>
Male head, wife present, no nonrelatives	13 514	1 223	1 539	2 729	2 466	1 786	2 048	874	569	193	87	11 300
Under 25 years	699	87	157	223	148	39	34	11	-	-	-	8 700
25 to 34 years	2 685	187	305	656	597	354	418	112	35	21	-	10 800
35 to 44 years	3 522	197	324	591	677	622	551	266	212	54	28	12 400
45 to 64 years	5 551	534	540	1 038	903	692	943	450	295	108	48	11 800
65 years and over	1 057	218	213	221	141	79	102	35	27	10	11	8 600
Other male head	468	89	69	87	71	41	50	17	30	9	5	9 700
Under 65 years	440	78	64	82	71	41	50	17	23	9	5	9 900
65 years and over	28	11	5	5	7	-	-	-	7	-	-	...
Female head	894	136	150	188	172	101	108	27	12	-	-	9 600
Under 65 years	779	111	118	164	154	96	104	20	12	-	-	9 900
65 years and over	115	25	32	24	18	5	4	7	-	-	-	7 600
<b>One-person households</b>	<b>1 302</b>	<b>277</b>	<b>272</b>	<b>275</b>	<b>209</b>	<b>111</b>	<b>69</b>	<b>41</b>	<b>39</b>	<b>5</b>	<b>4</b>	<b>8 400</b>
Under 65 years	800	160	124	168	147	79	57	36	29	-	-	9 200
65 years and over	502	117	148	107	62	32	12	5	10	5	4	7 300
<b>INCOME IN 1969</b>												
Less than \$2,000	1 120	333	298	171	130	75	59	14	29	5	6	6 900
\$2,000 to \$2,999	517	172	138	100	67	11	18	6	5	-	-	6 600
\$3,000 to \$3,999	676	229	152	154	63	28	40	-	-	10	-	6 800
\$4,000 to \$4,999	701	200	157	152	72	75	28	17	-	-	-	7 400
\$5,000 to \$5,999	806	201	177	196	104	54	37	20	7	5	5	7 800
\$6,000 to \$6,999	789	111	192	220	124	41	64	21	16	-	-	8 500
\$7,000 to \$9,999	3 801	324	479	1 183	807	463	396	85	44	10	10	9 800
\$10,000 to \$14,999	4 902	111	331	824	1 272	953	964	294	126	27	-	12 300
\$15,000 to \$24,999	2 297	38	85	274	234	313	573	407	288	64	21	16 600
\$25,000 or more	569	6	21	5	45	26	96	95	135	86	54	24 500
Median	\$9 700	\$4 600	\$6 500	\$8 600	\$10 400	\$11 400	\$12 600	\$15 600	\$18 400	\$22 300	...	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 671	238	303	556	561	338	356	151	132	36	-	11 100
1968	1 717	155	191	488	240	216	254	91	62	20	-	10 300
1967	1 220	90	169	259	200	161	213	69	45	14	-	11 200
1965 and 1966	2 106	250	305	381	380	230	290	145	91	14	20	10 800
1960 to 1964	3 230	297	404	554	492	569	480	198	174	44	18	11 800
1950 to 1959	4 281	510	364	898	840	588	619	235	138	39	50	11 100
1949 or earlier	544	216	258	203	84	60	35	33	36	7	12	7 500
<b>HEATING EQUIPMENT</b>												
Steam or hot water	89	52	4	5	22	6	-	-	-	-	-	...
Warm-air furnace	8 074	60	230	714	1 524	1 635	2 085	925	612	197	92	14 800
Built-in electric units	394	54	67	166	72	15	-	-	-	-	-	8 500
Floor, wall, or pipeless furnace	4 933	314	1 048	2 023	1 058	281	153	24	23	5	4	8 900
Other means	2 683	1 245	681	351	242	97	37	10	15	5	-	5 400
None	5	-	-	-	-	5	-	-	-	-	-	...
<b>AIR CONDITIONING</b>												
Room unit(s)	4 273	1 125	1 124	1 107	500	161	37	47	-	-	-	7 200
Central system	3 904	169	300	841	663	370	629	361	347	141	93	12 400
None	7 992	462	570	1 391	1 634	1 630	1 457	524	284	33	7	12 400

<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]

Odessa	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>	6 773	312	465	896	726	1 354	904	749	667	266	6	428	92
<b>ROOMS</b>													
1 room	152	59	20	30	15	-	10	4	-	-	-	14	55
2 rooms	677	126	176	167	55	38	41	36	6	-	-	32	61
3 rooms	1 664	49	182	355	213	289	178	187	116	12	-	83	80
4 rooms	2 332	36	61	292	329	724	296	124	223	128	-	119	90
5 rooms	1 402	24	15	48	93	267	295	319	168	61	-	112	113
6 rooms	432	12	5	-	16	36	80	69	115	55	6	38	141
7 rooms	70	6	6	4	5	-	4	10	15	5	-	15	...
8 rooms or more	44	-	-	-	-	-	-	-	24	5	-	15	...
Median	3.9	2.3	2.7	3.2	3.7	4.0	4.3	4.6	4.4	4.4	...	4.2	...
<b>PERSONS</b>													
1 person	1 435	192	167	274	143	191	120	130	106	26	-	86	73
2 persons	1 866	59	108	245	249	401	245	197	141	76	-	145	91
3 persons	1 312	32	78	157	126	301	232	145	111	66	-	64	83
4 persons	1 041	15	51	95	86	196	134	154	178	65	-	67	107
5 persons	557	-	39	51	51	141	86	64	68	22	6	29	97
6 persons or more	562	14	22	74	71	124	87	59	68	11	-	37	91
Median	2.6	1.3	2.1	2.2	2.4	2.8	2.9	2.8	3.3	3.0	...	2.4	...
Units with roomers, boarders, or lodgers	106	10	8	28	19	5	21	5	-	-	-	10	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	6 681	287	456	866	721	1 354	904	745	667	266	6	409	92
0.50 or less	2 391	147	166	336	251	466	280	246	212	106	-	181	91
0.51 to 1.00	3 262	107	150	351	334	661	501	435	388	154	6	175	98
1.01 to 1.50	648	5	67	100	76	159	87	58	61	-	-	35	84
1.51 or more	380	28	73	79	60	68	36	6	6	6	-	18	70
<b>Lacking some or all plumbing facilities</b>	92	25	9	30	5	-	-	4	-	-	-	19	...
0.50 or less	54	18	5	20	-	-	-	-	-	-	-	11	...
0.51 to 1.00	33	7	4	5	5	-	-	4	-	-	-	8	...
1.01 to 1.50	5	-	-	5	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>													
None	184	61	42	21	39	-	-	-	-	-	-	21	...
1	2 527	204	376	649	262	351	214	203	122	60	-	86	70
2	2 393	40	56	286	300	814	375	114	219	75	-	114	92
3 or more	1 428	-	19	17	17	297	227	377	300	100	-	74	128
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	83	6	11	6	3	17	19	-	14	7	-	-	...
1965 to 1968	436	6	5	26	20	16	45	92	71	110	-	45	145
1960 to 1964	687	6	18	24	26	34	22	148	277	98	-	34	159
1950 to 1959	3 047	126	183	269	281	673	561	446	285	48	6	170	98
1940 to 1949	2 079	124	196	499	339	524	220	52	20	4	-	99	75
1939 or earlier	441	42	52	72	57	90	37	11	-	-	-	80	73
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	-	-	-	-	-	-	-	-	-	-	-	-	-
With elevator	-	-	-	-	-	-	-	-	-	-	-	-	-
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	-
1 to 3 floors	6 532	305	493	973	618	1 462	816	694	641	235	-	295	91
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	6 044	272	458	812	745	1 243	855	657	457	180	-	365	89
2 or more	590	7	-	-	25	22	87	73	188	91	8	89	160
None or also used by another household	136	22	13	53	6	17	-	7	-	-	-	18	...
<b>INCOME IN 1969</b>													
Less than \$2,000	873	105	110	167	90	135	72	46	28	11	-	109	70
\$2,000 to \$2,999	472	36	42	95	75	97	38	42	-	-	-	47	75
\$3,000 to \$3,999	500	31	76	93	69	97	47	34	10	5	-	38	74
\$4,000 to \$4,999	539	25	44	137	85	107	59	47	5	11	-	19	76
\$5,000 to \$5,999	628	31	67	115	92	134	75	52	12	5	-	45	79
\$6,000 to \$6,999	622	37	24	41	83	184	101	66	43	8	-	35	93
\$7,000 to \$9,999	1 552	37	60	174	161	383	309	193	144	20	6	65	97
\$10,000 to \$14,999	1 101	6	38	46	59	174	149	223	274	77	-	55	127
\$15,000 to \$24,999	395	4	4	28	6	38	44	41	117	102	-	15	162
\$25,000 or more	91	4	-	-	6	5	10	5	34	27	-	-	...
Median	\$6 700	\$3 500	\$4 100	\$4 700	\$5 500	\$6 600	\$7 600	\$8 400	\$11 700	\$14 700	...	\$5 000	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	4 541	169	337	598	488	902	681	555	468	214	-	129	93
1968	797	35	54	74	101	180	78	77	58	28	-	112	89
1967	417	6	15	55	76	54	64	35	53	20	-	39	96
1965 and 1966	277	16	41	13	37	44	12	13	36	9	8	48	84
1960 to 1964	479	52	24	75	60	87	69	41	23	2	-	48	82
1950 to 1959	210	17	-	38	14	15	38	16	7	-	-	65	86
1949 or earlier	49	6	-	12	-	-	-	-	-	-	-	31	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	729	103	108	141	82	134	82	29	44	6	-	...	72
10 to 14 percent	1 559	58	100	218	198	416	203	161	126	79	-	...	90
15 to 19 percent	1 437	38	75	161	153	292	242	189	231	56	-	...	100
20 to 24 percent	789	8	46	90	75	145	151	115	110	49	-	...	104
25 to 34 percent	646	37	26	75	73	130	86	97	86	36	-	...	97
35 percent or more	1 079	57	96	193	132	217	140	142	56	40	6	...	86
Not computed	534	11	14	18	13	20	-	16	14	-	-	428	78
<b>AIR CONDITIONING</b>													
Room unit(s)	2 841	125	332	527	479	624	322	116	34	8	-	274	76
Central system	1 408	41	7	25	49	127	202	291	366	229	8	63	143
None	2 521	135	132	313	248	531	418	330	245	34	-	135	94

<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]

Odessa	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>16 913</b>	<b>1 215</b>	<b>608</b>	<b>732</b>	<b>732</b>	<b>866</b>	<b>840</b>	<b>3 949</b>	<b>5 031</b>	<b>2 359</b>	<b>581</b>	<b>9 608</b>
<b>ROOMS</b>												
1 and 2 rooms	134	40	23	14	5	9	10	22	6	5	-	3 300
3 rooms	562	106	100	43	78	54	39	62	63	5	12	4 400
4 rooms	3 147	462	231	301	239	286	203	771	447	170	37	6 300
5 rooms	7 661	379	191	255	305	359	393	2 113	2 735	843	88	9 800
6 rooms	3 831	187	46	83	79	142	163	773	1 356	823	179	11 600
7 rooms or more	1 578	41	17	36	26	16	32	208	424	513	265	14 900
<b>PERSONS</b>												
1 person	1 516	602	193	128	116	77	39	237	98	10	16	2 800
2 persons	4 650	328	243	288	254	299	286	999	1 209	542	202	8 900
3 and 4 persons	6 847	229	114	190	220	259	263	1 779	2 352	1 202	239	10 800
5 persons	2 137	28	18	45	42	103	86	541	844	342	88	11 700
6 persons or more	1 763	28	40	81	100	128	166	393	528	263	36	9 600
Units with roomers, boarders, or lodgers	237	55	36	16	8	19	11	46	40	6	-	5 200
<b>BEDROOMS</b>												
Less than 3	5 419	685	414	409	544	374	293	1 438	849	289	124	7 000
3	10 575	341	216	367	171	480	477	2 554	3 867	1 801	301	10 900
4 or more	917	21	22	42	-	-	57	61	299	243	172	14 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	173	9	5	5	10	15	5	20	54	45	5	11 600
1960 to 1968	3 620	116	69	77	105	94	108	825	1 175	845	206	11 800
1950 to 1959	10 038	527	277	412	399	523	552	2 522	3 249	1 248	329	9 800
1949 or earlier	3 082	563	257	238	218	234	175	582	553	221	41	6 200
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 871	183	78	105	176	148	174	794	820	370	23	9 200
1968	1 812	74	39	77	78	112	115	458	624	204	31	9 700
1960 to 1967	6 862	356	173	251	283	330	314	1 662	2 150	1 090	253	10 100
1959 or earlier	5 368	642	299	288	208	277	242	1 018	1 436	700	258	9 100
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	13 981	567	334	525	552	575	630	3 440	4 592	2 233	533	10 400
Clothes dryer	8 351	280	104	184	189	167	324	1 862	3 033	1 806	406	11 800
Dishwasher	5 124	129	20	101	132	169	249	687	2 088	1 183	366	12 600
Home food freezer	6 894	250	169	144	129	235	249	1 314	2 533	1 525	346	11 900
Owned second home	1 144	87	40	-	42	-	108	243	263	299	62	11 000
With air conditioning	8 590	775	415	464	478	552	478	1 939	1 941	1 192	364	8 800
Room unit(s)	4 576	576	327	345	342	413	321	1 070	835	306	41	6 900
Central system	4 014	199	88	119	128	139	157	869	1 106	886	323	11 400
Automobiles available:												
1	5 550	723	379	476	456	489	369	1 412	991	226	29	6 700
2	8 509	214	96	164	193	309	394	2 075	3 191	1 520	353	11 300
3 or more	2 189	38	18	6	50	35	56	381	804	618	183	13 200
<b>Renter occupied housing units</b>	<b>6 783</b>	<b>873</b>	<b>472</b>	<b>500</b>	<b>544</b>	<b>628</b>	<b>622</b>	<b>1 557</b>	<b>1 101</b>	<b>395</b>	<b>91</b>	<b>6 608</b>
<b>ROOMS</b>												
1 room	152	40	12	11	18	4	17	34	16	-	-	4 700
2 rooms	677	141	75	85	66	87	53	126	32	12	-	4 600
3 rooms	1 664	273	155	170	138	199	130	296	194	89	20	5 500
4 rooms	2 342	304	133	162	216	236	261	515	333	155	27	6 500
5 rooms	1 402	89	73	58	78	87	152	443	338	73	11	8 100
6 rooms or more	546	26	24	14	28	15	9	143	188	66	33	10 400
<b>PERSONS</b>												
1 person	1 435	444	130	130	90	129	147	218	97	45	5	4 200
2 persons	1 876	198	162	155	128	205	154	376	294	154	50	6 600
3 and 4 persons	2 353	157	103	152	227	183	241	648	470	146	26	7 500
5 persons	557	23	53	30	59	39	37	146	125	40	5	7 800
6 persons or more	562	51	24	33	40	72	43	169	115	10	5	7 300
Units with roomers, boarders, or lodgers	106	33	23	8	16	-	-	26	-	-	-	2 900
<b>BEDROOMS</b>												
None	184	121	-	-	21	-	-	21	21	-	-	---
1	2 527	498	159	293	420	259	144	375	257	101	21	4 700
2	2 393	410	145	132	216	224	310	438	401	117	-	6 200
3 or more	1 428	76	60	18	70	57	194	385	434	96	38	8 900
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	83	10	6	8	-	-	4	37	-	11	7	---
1960 to 1968	1 128	87	40	60	74	75	106	190	303	153	40	8 900
1950 to 1959	3 047	338	200	174	226	280	263	800	560	176	30	7 200
1949 or earlier	2 525	438	226	258	244	273	249	530	238	55	14	5 400
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	4 548	464	288	394	337	484	373	1 151	790	209	58	6 800
1968	797	87	96	29	77	64	110	163	80	62	29	6 400
1960 to 1967	1 173	193	91	79	40	65	106	300	188	97	14	7 100
1959 or earlier	265	72	24	21	9	26	16	38	26	33	-	5 300
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied	6 773	873	472	500	539	628	622	1 552	1 101	395	91	6 608
Less than 15 percent	2 288	-	10	11	40	168	161	836	643	328	91	9 700
15 to 19 percent	1 437	-	18	73	170	189	240	388	307	52	-	7 200
20 to 24 percent	789	-	24	123	135	147	101	179	80	-	-	5 800
25 to 34 percent	646	42	57	166	123	62	62	78	16	-	-	4 100
35 percent or more	1 079	616	276	89	52	17	23	6	-	-	-	2000-
Not computed	534	215	47	38	19	45	35	65	55	15	-	3 100
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	2 635	190	101	133	245	144	387	625	653	136	21	7 600
Clothes dryer	1 360	97	21	71	170	19	137	268	459	97	21	8 800
Dishwasher	917	-	53	99	17	113	194	266	135	19	9 400	
Home food freezer	640	114	19	-	18	56	55	56	246	38	38	10 000
Owned second home	358	80	21	21	-	82	39	35	19	61	-	---
With air conditioning	4 249	573	325	325	265	452	392	865	688	295	69	6 500
Room unit(s)	2 841	459	252	265	234	365	280	590	287	79	30	5 600
Central system	1 408	114	73	60	31	87	112	275	401	216	39	9 500
Automobiles available:												
1	3 789	468	328	332	353	409	413	912	425	119	30	6 000
2	1 936	81	48	84	68	142	146	551	558	206	52	9 200
3 or more	342	10	-	15	13	27	7	102	77	76	15	9 900

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]

Odessa	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> .....	16 913	16 868	7 164	8 066	1 225	413	45	12	13	16	4
<b>PERSONS</b>											
1 person .....	1 516	1 509	1 504	5	-	-	7	7	-	-	-
2 persons .....	4 650	4 641	4 428	208	-	-	9	5	4	-	-
3 persons .....	3 262	3 257	1 064	2 180	-	13	5	-	-	5	-
4 persons .....	3 585	3 585	136	3 379	70	-	-	-	-	-	-
5 persons .....	2 137	2 128	32	1 867	201	28	9	-	9	-	-
6 persons or more .....	1 763	1 748	-	427	954	367	15	-	-	11	4
Median .....	3.2	3.2	2.0	4.0	6.1	7.5+	...	...	...	...	...
Units with roomers, boarders, or lodgers .....	237	232	75	86	51	20	5	-	-	5	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	170	170	43	115	12	-	-	-	-	-	-
1965 to 1968 .....	923	923	402	515	-	6	-	-	-	-	-
1960 to 1964 .....	2 609	2 609	831	1 586	157	35	-	-	-	-	-
1950 to 1959 .....	10 062	10 032	4 059	4 913	806	254	30	11	6	6	7
1940 to 1949 .....	2 724	2 718	1 591	832	204	91	6	6	-	-	-
1939 or earlier .....	425	425	256	125	12	32	-	-	-	-	-
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	1 215	1 209	925	235	31	18	6	-	-	6	-
\$2,000 to \$2,999 .....	608	603	398	152	34	19	5	5	-	-	-
\$3,000 to \$3,999 .....	732	732	427	209	62	34	-	-	-	-	-
\$4,000 to \$4,999 .....	732	718	352	256	55	55	14	-	4	10	-
\$5,000 to \$5,999 .....	866	857	392	293	132	40	9	-	9	-	-
\$6,000 to \$6,999 .....	840	840	309	365	104	62	-	-	-	-	-
\$7,000 to \$9,999 .....	3 949	3 949	1 409	2 138	315	87	-	-	-	-	-
\$10,000 to \$14,999 .....	5 031	5 020	1 649	2 937	363	71	11	7	-	-	4
\$15,000 to \$24,999 .....	2 359	2 359	947	1 256	129	27	-	-	-	-	-
\$25,000 or more .....	581	581	356	225	-	-	-	-	-	-	-
Median .....	\$9 600	\$9 600	\$8 700	\$10 700	\$8 900	\$6 700	...	...	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	16 178	16 133	6 776	7 766	1 207	384	45	12	13	16	4
Less than 1.5 .....	10 675	10 645	3 643	5 661	997	344	30	7	9	10	4
1.5 to 1.9 .....	2 367	2 363	1 059	1 164	119	21	4	-	4	-	-
2.0 to 2.4 .....	960	955	509	392	44	10	5	5	-	-	-
2.5 to 2.9 .....	503	503	349	141	13	-	-	-	-	-	-
3.0 to 3.9 .....	537	531	335	182	9	5	6	-	-	6	-
4.0 or more .....	970	970	761	180	25	4	-	-	-	-	-
Not computed .....	166	166	120	46	-	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	95	95	40	41	9	5	-	-	-	-	-
Warm-air furnace .....	8 453	8 453	3 497	4 556	352	48	-	-	-	-	-
Built-in electric units .....	400	400	138	178	62	22	-	-	-	-	-
Floor, wall, or pipeless furnace .....	5 075	5 070	2 249	2 360	390	71	5	-	-	5	-
Other means .....	2 885	2 845	1 240	926	412	267	40	12	13	11	4
None .....	5	5	-	5	-	-	-	-	-	-	-
<b>Renter occupied housing units</b> .....	6 783	6 691	2 401	3 262	648	380	92	54	33	5	-
<b>PERSONS</b>											
1 person .....	1 435	1 384	1 276	108	-	-	51	47	4	-	-
2 persons .....	1 876	1 853	1 050	787	-	16	23	7	16	-	-
3 persons .....	1 312	1 309	65	1 144	81	19	3	-	3	-	-
4 persons .....	1 041	1 031	10	903	76	42	10	-	10	-	-
5 persons .....	557	557	-	250	225	82	-	-	-	-	-
6 persons or more .....	562	557	-	70	266	221	5	-	-	5	-
Median .....	2.6	2.6	1.4	3.1	5.2	6.5	...	...	...	...	...
Units with roomers, boarders, or lodgers .....	106	106	30	57	10	9	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	68	68	15	33	15	5	-	-	-	-	-
1965 to 1968 .....	386	386	201	174	5	6	-	-	-	-	-
1960 to 1964 .....	694	694	240	402	52	-	-	-	-	-	-
1950 to 1959 .....	3 045	3 015	922	1 555	366	172	30	6	19	5	-
1940 to 1949 .....	2 172	2 131	877	898	172	184	41	35	6	-	-
1939 or earlier .....	418	403	159	165	53	26	15	-	15	-	-
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	873	853	543	209	43	58	20	6	9	5	-
\$2,000 to \$2,999 .....	472	451	188	194	32	37	21	12	9	-	-
\$3,000 to \$3,999 .....	500	488	177	213	63	35	12	12	-	-	-
\$4,000 to \$4,999 .....	544	539	147	286	58	48	5	5	-	-	-
\$5,000 to \$5,999 .....	628	618	198	296	85	39	10	5	5	-	-
\$6,000 to \$6,999 .....	622	608	230	304	48	26	14	7	7	-	-
\$7,000 to \$9,999 .....	1 557	1 547	418	874	163	92	10	7	3	-	-
\$10,000 to \$14,999 .....	1 101	1 101	306	620	136	39	-	-	-	-	-
\$15,000 to \$24,999 .....	395	395	148	226	15	6	-	-	-	-	-
\$25,000 or more .....	91	91	46	40	5	-	-	-	-	-	-
Median .....	\$6 600	\$6 700	\$5 700	\$7 400	\$6 900	\$5 300	...	...	...	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	6 773	6 681	2 391	3 262	648	380	92	54	33	5	-
Less than 10 percent .....	729	708	208	398	56	46	21	14	7	-	-
10 to 14 percent .....	1 559	1 548	492	779	188	89	11	11	-	-	-
15 to 19 percent .....	1 437	1 425	404	738	187	96	12	12	-	-	-
20 to 24 percent .....	789	789	230	443	75	41	-	-	-	-	-
25 to 34 percent .....	646	631	237	324	42	28	15	6	9	-	-
35 percent or more .....	1 079	1 065	593	364	51	57	14	-	9	5	-
Not computed .....	534	515	227	216	49	23	19	11	8	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	153	153	40	63	24	26	-	-	-	-	-
Warm-air furnace .....	1 730	1 730	659	923	109	39	-	-	-	-	-
Built-in electric units .....	258	258	131	121	6	-	-	-	-	-	-
Floor, wall, or pipeless furnace .....	2 194	2 194	785	1 159	207	43	-	-	-	-	-
Other means .....	2 443	2 351	786	991	302	272	92	54	33	5	-
None .....	5	5	-	5	-	-	-	-	-	-	-

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

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

Table 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]

Odessa	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>16 913</b>	<b>23</b>	<b>111</b>	<b>562</b>	<b>3 147</b>	<b>7 661</b>	<b>3 831</b>	<b>1 114</b>	<b>464</b>	<b>5.1</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	16 828	20	123	522	3 076	7 677	3 862	1 091	457	5.1
<b>PERSONS</b>										
1 person	1 516	5	61	189	568	427	220	38	8	4.4
2 persons	4 650	5	40	172	1 141	2 082	958	197	55	5.0
3 persons	3 262	13	5	52	565	1 563	746	243	75	5.1
4 persons	3 585	-	-	70	407	1 727	949	294	136	5.3
5 persons	2 137	-	-	28	201	1 060	543	218	87	5.3
6 persons or more	1 763	-	5	51	265	802	415	122	103	5.2
Median	3.2	...	1.4	2.0	2.4	3.3	3.5	3.8	4.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>16 868</b>	<b>23</b>	<b>106</b>	<b>558</b>	<b>3 120</b>	<b>7 661</b>	<b>3 822</b>	<b>1 114</b>	<b>464</b>	<b>5.1</b>
0.50 or less	7 164	-	61	189	1 697	2 509	1 924	478	306	5.2
0.51 to 1.00	8 066	5	40	220	972	4 350	1 711	610	158	5.1
1.01 to 1.50	1 225	-	-	70	334	624	176	21	-	4.8
1.51 or more	413	18	5	79	117	178	11	5	-	4.4
<b>Lacking some or all plumbing facilities</b>	<b>45</b>	<b>-</b>	<b>5</b>	<b>4</b>	<b>27</b>	<b>-</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>...</b>
0.50 or less	12	-	-	-	12	-	-	-	-	...
0.51 to 1.00	13	-	-	4	-	-	9	-	-	...
1.01 to 1.50	16	-	5	-	11	-	-	-	-	...
1.51 or more	4	-	-	-	4	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1	612	36	62	453	42	19	-	-	-	3.0
2	4 807	-	-	135	3 108	1 355	188	21	-	4.2
3	10 575	-	-	-	103	6 300	3 155	810	207	5.3
4 or more	917	-	-	-	-	18	283	325	291	7.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	173	-	-	-	43	51	38	13	28	5.4
1960 to 1968	3 620	-	-	47	258	1 474	1 130	464	247	5.5
1950 to 1959	10 038	9	56	276	1 727	5 177	2 154	498	141	5.1
1949 or earlier	3 082	14	55	239	1 119	959	509	139	48	4.6
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	9 952	12	123	500	2 935	4 791	1 392	175	24	4.6
2 or more	6 889	8	-	35	141	2 886	2 470	916	433	5.7
None or also used by another household	72	-	-	11	42	8	11	-	-	...
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>16 178</b>	<b>23</b>	<b>79</b>	<b>402</b>	<b>2 872</b>	<b>7 478</b>	<b>3 773</b>	<b>1 096</b>	<b>455</b>	<b>5.1</b>
Less than 1.5	10 675	4	48	237	1 908	5 268	2 474	549	187	5.1
1.5 to 1.9	2 367	5	5	66	255	1 085	592	220	139	5.3
2.0 to 2.9	1 463	10	12	50	258	500	366	202	65	5.3
3.0 or more	1 507	4	14	45	399	567	300	114	64	5.0
Not computed	166	-	-	4	52	58	41	11	-	5.0
<b>Renter occupied housing units</b>	<b>6 783</b>	<b>152</b>	<b>677</b>	<b>1 664</b>	<b>2 342</b>	<b>1 402</b>	<b>432</b>	<b>70</b>	<b>44</b>	<b>3.9</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	6 589	105	561	1 706	2 263	1 377	478	60	39	3.9
<b>PERSONS</b>										
1 person	1 435	112	370	567	326	49	11	-	-	2.9
2 persons	1 876	16	170	633	694	269	73	16	5	3.7
3 persons	1 312	19	81	265	525	357	50	9	6	4.1
4 persons	1 041	5	37	76	398	338	158	19	10	4.5
5 persons	557	-	-	82	225	159	70	4	17	4.4
6 persons or more	562	-	19	41	174	230	70	22	6	4.7
Median	2.6	1.2	1.4	1.9	2.6	3.6	4.0	...	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>6 691</b>	<b>148</b>	<b>625</b>	<b>1 653</b>	<b>2 322</b>	<b>1 402</b>	<b>432</b>	<b>65</b>	<b>44</b>	<b>3.9</b>
0.50 or less	2 401	-	329	561	1 013	318	134	25	21	3.8
0.51 to 1.00	3 262	108	159	893	915	854	270	40	23	4.0
1.01 to 1.50	648	-	81	76	305	164	22	-	-	4.0
1.51 or more	380	40	56	123	89	66	6	-	-	3.3
<b>Lacking some or all plumbing facilities</b>	<b>92</b>	<b>4</b>	<b>52</b>	<b>11</b>	<b>20</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>...</b>
0.50 or less	54	-	41	6	7	-	-	-	-	...
0.51 to 1.00	33	4	11	5	8	-	-	5	-	...
1.01 to 1.50	5	-	-	-	5	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None	184	164	-	20	-	-	-	-	-	...
1	2 527	-	863	1 400	264	-	-	-	-	2.8
2	2 393	-	-	86	1 932	339	36	-	-	4.1
3 or more	1 428	-	-	-	77	986	212	94	59	5.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	83	-	35	19	17	5	7	-	-	...
1960 to 1968	1 128	11	82	353	401	152	106	11	12	3.8
1950 to 1959	3 047	46	234	624	993	847	248	23	32	4.1
1949 or earlier	2 525	95	326	668	931	398	71	36	-	3.7
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	6 057	139	570	1 686	2 248	1 114	260	33	7	3.8
2 or more	590	-	-	20	30	263	218	27	32	5.4
None or also used by another household	136	16	53	6	47	6	-	8	-	2.5
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>6 773</b>	<b>152</b>	<b>677</b>	<b>1 664</b>	<b>2 332</b>	<b>1 402</b>	<b>432</b>	<b>70</b>	<b>44</b>	<b>3.9</b>
Less than 10 percent	729	46	104	220	213	89	53	4	-	3.5
10 to 14 percent	1 559	30	146	308	562	354	142	11	6	4.0
15 to 19 percent	1 437	26	118	320	505	349	86	21	12	4.0
20 to 24 percent	789	5	68	177	255	218	51	15	-	4.1
25 to 34 percent	646	-	81	144	251	130	20	4	11	3.9
35 percent or more	1 079	26	114	366	399	139	35	-	-	3.6
Not computed	534	14	46	129	147	123	45	15	15	4.0

<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 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.)

Odessa	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	16 913	16 311	262	340	6 783	4 627	518	230	170	458	710	70
<b>ROOMS</b>												
1 room	23	23	—	—	152	93	—	13	5	25	10	6
2 rooms	111	83	9	19	677	350	47	19	36	94	109	22
3 rooms	562	411	78	73	1 664	773	146	120	98	187	334	6
4 rooms	3 147	2 902	93	152	2 342	1 628	281	45	26	107	234	21
5 rooms	7 661	7 512	64	85	1 402	1 296	31	12	5	20	23	15
6 rooms	3 831	3 811	9	11	432	378	13	16	—	25	—	—
7 rooms	1 114	1 109	5	—	70	65	—	5	—	—	—	—
8 rooms or more	464	460	4	—	44	44	—	—	—	—	—	—
Median	5.1	5.1	4.0	4.0	3.9	4.2	3.7	3.2	2.9	3.1	3.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	16 868	16 266	262	340	6 691	4 581	518	221	170	448	688	65
0.50 or less	7 164	6 847	145	172	2 401	1 509	216	96	60	137	335	48
0.51 to 1.00	8 066	7 819	102	145	3 262	2 247	229	106	73	260	330	17
1.01 to 1.50	1 225	1 207	5	13	648	512	49	9	37	33	8	—
1.51 or more	413	393	10	10	380	313	24	10	—	18	15	—
Lacking some or all plumbing facilities	45	45	—	—	92	46	—	9	—	10	22	5
0.50 or less	12	12	—	—	54	26	—	—	—	5	18	5
0.51 to 1.00	13	13	—	—	33	15	—	9	—	5	4	—
1.01 to 1.50	16	16	—	—	5	5	—	—	—	—	—	—
1.51 or more	4	4	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None	36	36	—	—	184	144	—	21	—	—	19	—
1	576	472	62	42	2 527	1 162	99	202	218	332	497	17
2	4 807	4 435	150	222	2 393	1 812	228	—	20	78	215	40
3	10 575	10 463	90	22	1 299	1 203	20	58	—	18	—	—
4 or more	917	917	—	—	129	129	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	173	118	5	50	83	26	16	—	6	13	16	6
1965 to 1968	983	859	35	89	436	134	20	56	5	37	174	10
1960 to 1964	2 637	2 558	11	68	692	330	5	—	5	159	193	—
1950 to 1959	10 038	9 786	135	117	3 047	2 276	280	53	42	124	218	54
1940 to 1949	2 625	2 567	53	5	2 084	1 539	186	93	75	89	102	—
1939 or earlier	457	423	23	11	441	322	11	28	37	36	7	—
<b>INCOME IN 1969</b>												
Less than \$2,000	1 215	1 133	48	34	873	599	85	29	19	48	71	22
\$2,000 to \$2,999	608	526	23	59	472	317	50	22	14	38	31	—
\$3,000 to \$3,999	732	686	10	36	500	348	24	14	38	32	44	—
\$4,000 to \$4,999	732	706	16	10	544	377	51	4	9	62	31	10
\$5,000 to \$5,999	866	811	24	31	628	413	38	38	10	40	72	17
\$6,000 to \$6,999	840	804	9	27	622	433	62	18	5	38	66	—
\$7,000 to \$9,999	3 949	3 831	55	63	1 557	1 123	127	50	41	57	144	15
\$10,000 to \$14,999	5 031	4 929	54	48	1 101	767	55	17	22	91	143	6
\$15,000 to \$24,999	2 359	2 310	23	26	395	200	13	25	12	46	99	—
\$25,000 or more	581	575	—	6	91	50	13	13	—	6	9	—
Median	\$9 600	\$9 700	\$7 100	\$6 000	\$6 600	\$6 600	\$6 200	\$6 400	\$5 500	\$6 200	\$7 800	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 871	2 698	56	117	4 548	2 926	435	157	94	374	531	31
1968	1 812	1 732	27	53	797	626	41	35	15	—	61	19
1967	1 257	1 226	14	17	417	293	22	9	20	18	38	17
1965 and 1966	2 236	2 130	37	69	277	188	22	5	—	25	22	15
1960 to 1964	3 369	3 257	60	52	479	418	37	—	7	8	9	—
1950 to 1959	4 312	4 255	27	30	204	139	16	—	7	18	24	—
1949 or earlier	1 056	1 012	29	15	61	49	6	—	—	6	—	—
<b>GROSS RENT</b>												
Specified renter occupied:	...	...	...	...	6 773	4 617	518	230	170	458	710	70
Less than \$50	...	...	...	...	312	231	12	9	5	25	18	12
\$50 to \$59	...	...	...	...	465	322	50	20	18	27	22	6
\$60 to \$69	...	...	...	...	896	650	64	39	47	37	37	22
\$70 to \$79	...	...	...	...	726	556	50	5	39	55	11	10
\$80 to \$99	...	...	...	...	1 354	927	196	62	31	73	65	—
\$100 to \$119	...	...	...	...	904	622	90	15	15	61	96	5
\$120 to \$149	...	...	...	...	749	552	19	4	4	12	153	5
\$150 to \$199	...	...	...	...	667	352	4	13	—	85	213	—
\$200 to \$299	...	...	...	...	266	101	22	40	—	27	76	—
\$300 or more	...	...	...	...	6	6	—	—	—	—	—	—
No cash rent	...	...	...	...	428	298	11	23	11	56	19	10
Median	...	...	...	...	\$92	\$89	\$88	\$90	\$72	\$97	\$139	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water	95	89	—	6	153	142	—	—	—	—	11	—
Warm-air furnace	8 453	8 120	92	241	1 730	990	67	86	15	188	348	36
Built-in electric units	400	400	—	—	258	131	4	—	—	11	112	—
Floor, wall, or pipeless furnace	5 075	4 971	73	31	2 194	1 502	339	42	76	109	126	—
Other means	2 885	2 726	97	62	2 443	1 857	108	102	79	150	113	34
None	5	5	—	—	5	5	—	—	—	—	—	—
<b>AIR CONDITIONING</b>												
Room unit(s)	4 576	4 327	157	92	2 841	2 030	216	98	107	243	110	37
Central system	4 014	3 929	20	65	1 408	603	64	55	7	145	521	13
None	8 323	8 054	73	196	2 534	2 006	299	53	29	61	54	32
<b>AUTOMOBILES AVAILABLE</b>												
1	5 550	5 263	122	165	3 789	2 473	361	102	89	267	421	76
2	8 509	8 290	82	137	1 936	1 408	124	58	27	107	212	—
3 or more	2 189	2 167	8	14	342	266	18	17	—	9	32	—
None	665	590	38	37	716	492	76	29	27	66	20	6

\*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.]

Odessa	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>	16 913	748	2 786	3 620	5 704	1 106	460	28	817	128	943	573
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	16 868	748	2 782	3 620	5 686	1 100	450	28	817	128	936	573
0.50 or less	7 164	183	368	551	3 094	852	127	18	364	103	931	573
0.51 to 1.00	8 066	483	2 046	2 503	2 161	230	244	10	359	25	5	-
1.01 to 1.50	1 225	62	333	392	302	9	52	-	75	-	-	-
1.51 or more	413	20	35	174	129	9	27	-	19	-	-	-
Lacking some or all plumbing facilities	45	-	4	-	18	6	10	-	-	-	7	-
0.50 or less	12	-	-	-	5	-	-	-	-	-	7	-
0.51 to 1.00	13	-	4	-	9	-	-	-	-	-	-	-
1.01 to 1.50	16	-	-	-	-	-	10	-	-	-	-	-
1.51 or more	4	-	-	-	4	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	16 311	699	2 719	3 533	5 601	1 062	440	28	783	115	824	507
2 or more	262	11	19	40	50	18	9	-	14	9	56	36
Mobile home or trailer	340	38	48	47	53	26	11	-	20	4	63	30
<b>INCOME IN 1969</b>												
Less than \$2,000	1 215	17	30	20	103	162	26	21	198	36	257	345
\$2,000 to \$2,999	608	28	10	22	84	159	23	-	69	20	102	91
\$3,000 to \$3,999	732	37	87	36	162	173	20	-	81	8	81	47
\$4,000 to \$4,999	732	68	95	74	178	78	35	-	66	22	100	16
\$5,000 to \$5,999	866	105	95	114	306	101	21	-	43	4	67	10
\$6,000 to \$6,999	840	85	134	157	259	74	36	-	40	16	19	20
\$7,000 to \$9,999	3 949	242	955	884	1 207	137	128	-	159	-	212	25
\$10,000 to \$14,999	5 031	140	1 043	1 402	1 972	106	121	-	133	16	79	19
\$15,000 to \$24,999	2 359	26	303	838	1 054	79	18	7	24	-	10	-
\$25,000 or more	581	-	34	73	379	37	32	-	4	6	16	-
Median	\$9 600	\$7 400	\$10 000	\$11 800	\$11 400	\$4 800	\$8 600	-	\$4 900	\$4 000	\$4 300	\$2000-
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	16 178	699	2 685	3 522	5 551	1 057	440	28	779	115	800	502
Less than 1.5	10 675	505	2 019	2 732	4 049	390	303	-	315	33	294	35
1.5 to 1.9	2 367	98	437	479	845	190	66	7	101	15	78	51
2.0 to 2.4	960	56	127	162	277	159	27	-	50	16	42	44
2.5 to 2.9	503	13	25	44	132	87	-	-	66	10	70	54
3.0 to 3.9	537	11	46	48	85	95	6	5	68	16	77	80
4.0 or more	970	11	31	57	149	124	28	16	133	25	176	220
Not computed	166	5	-	-	14	12	10	-	46	-	63	16
<b>Renter occupied housing units</b>	6 783	947	1 396	777	957	188	303	26	715	39	1 156	279
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	6 691	943	1 381	765	957	188	303	26	705	39	1 114	270
0.50 or less	2 401	191	150	74	402	100	43	12	138	15	1 015	261
0.51 to 1.00	3 262	679	854	450	444	83	204	14	408	18	99	9
1.01 to 1.50	648	44	253	149	46	-	47	-	109	-	-	-
1.51 or more	380	29	124	92	65	5	9	-	50	6	-	-
Lacking some or all plumbing facilities	92	4	15	12	-	-	-	-	10	-	42	9
0.50 or less	54	-	7	-	-	-	-	-	-	-	42	5
0.51 to 1.00	33	4	8	7	-	-	-	-	10	-	-	4
1.01 to 1.50	5	-	-	5	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	4 627	632	1 028	629	726	141	192	21	469	39	598	152
2 to 4	748	135	157	43	73	5	19	-	128	-	161	27
5 to 19	628	84	109	34	51	27	64	-	69	-	158	32
20 or more	710	85	97	71	102	15	23	5	49	-	216	47
Mobile home or trailer	70	11	5	-	5	-	5	-	-	-	23	21
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	6 773	947	1 396	777	957	188	298	26	710	39	1 156	279
Less than \$50	312	23	19	13	6	20	11	5	23	-	121	71
\$50 to \$59	465	81	69	39	42	-	20	-	36	11	130	37
\$60 to \$69	896	125	86	80	101	31	72	7	116	4	259	15
\$70 to \$79	726	88	142	86	106	5	38	9	98	11	104	39
\$80 to \$99	1 354	276	317	85	197	44	72	-	172	-	181	19
\$100 to \$119	904	173	220	131	109	30	16	5	100	-	104	18
\$120 to \$149	749	113	204	96	96	16	32	-	62	-	90	16
\$150 to \$199	667	36	204	142	101	10	5	-	63	-	91	15
\$200 to \$299	266	11	52	68	94	-	-	-	15	-	26	-
\$300 or more	6	-	-	-	6	-	-	-	-	-	-	-
No cash rent	428	21	83	37	99	32	32	-	25	13	50	36
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	6 773	947	1 396	777	957	188	298	26	710	39	1 156	279
Less than \$5,000	2 384	345	231	108	160	101	113	21	486	25	547	247
Less than 20 percent	322	69	63	15	18	5	31	5	22	-	79	15
20 to 24 percent	282	48	55	11	39	6	14	-	43	-	62	4
25 to 34 percent	428	90	41	18	13	36	23	4	88	5	76	34
35 percent or more	1 033	123	59	51	69	33	19	12	249	11	249	158
Not computed	319	15	13	13	21	21	26	-	84	9	81	36
\$5,000 to \$9,999	2 802	497	722	330	394	47	130	5	173	10	472	22
Less than 20 percent	1 982	364	471	225	284	42	107	-	114	10	359	6
20 to 24 percent	427	92	126	78	32	-	4	-	28	-	56	6
25 to 34 percent	202	35	67	10	15	-	7	-	19	-	39	10
35 percent or more	46	-	5	-	11	-	-	-	12	-	18	-
Not computed	145	6	53	17	52	5	12	-	-	-	-	-
\$10,000 to \$14,999	1 101	89	361	231	202	24	55	-	38	4	87	10
Less than 20 percent	950	89	301	201	165	24	50	-	28	-	82	10
20 to 24 percent	80	-	37	18	10	-	5	-	10	-	-	-
25 percent or more	16	-	6	-	10	-	-	-	-	-	-	-
Not computed	55	-	17	12	17	-	-	-	-	-	-	-
\$15,000 or more	486	16	82	108	201	16	-	-	13	-	5	-
Less than 20 percent	471	16	82	108	192	10	-	-	13	-	50	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	15	-	-	-	9	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.]

Odessa	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> .....	16 913	1 516	4 650	3 262	3 585	2 137	994	425	344	3.2
<b>BEDROOMS</b>										
None and 1 .....	612	162	147	141	125	—	37	—	—	2.5
2 .....	4 807	791	1 900	871	653	281	213	—	98	2.3
3 .....	10 575	405	2 521	2 145	2 767	1 554	744	258	181	3.6
4 or more .....	917	—	85	81	160	269	193	55	74	5.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	173	10	20	40	75	14	3	11	—	3.7
1965 to 1968 .....	983	32	236	219	280	155	34	16	11	3.5
1960 to 1964 .....	2 637	102	450	570	719	443	235	70	48	3.8
1950 to 1959 .....	10 038	722	2 773	1 955	2 171	1 348	605	250	214	3.3
1940 to 1949 .....	2 625	510	1 025	404	298	155	102	64	67	2.3
1939 or earlier .....	457	140	146	74	42	22	15	14	4	2.1
<b>UNITS IN STRUCTURE</b>										
1 .....	16 311	1 331	4 468	3 175	3 492	2 110	986	410	339	3.2
2 or more .....	262	92	74	46	27	18	—	—	5	2.0
Mobile home or trailer .....	340	93	108	41	66	9	8	15	—	2.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	9 952	1 235	2 979	1 823	1 775	985	535	327	293	2.9
2 and 2 1/2 .....	6 422	261	1 590	1 408	1 655	1 036	341	96	35	3.5
3 or more .....	467	13	74	48	127	122	54	29	—	4.3
None or also used by another household .....	72	16	18	7	—	4	20	7	—	...
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	15 397	...	4 650	3 262	3 585	2 137	994	425	344	3.4
Male head, wife present, no nonrelatives .....	13 964	...	4 117	2 864	3 399	2 003	876	389	316	3.5
Under 25 years .....	748	...	168	313	185	34	38	—	10	3.2
25 to 34 years .....	2 786	...	224	529	1 008	692	185	121	27	4.1
35 to 44 years .....	3 620	...	263	549	1 233	831	423	161	160	4.3
45 to 64 years .....	5 704	...	2 544	1 356	922	436	224	103	119	2.7
65 years and over .....	1 106	...	918	117	51	10	6	4	—	2.1
Other male head .....	488	...	118	144	62	64	56	25	19	3.4
Under 65 years .....	460	...	107	127	62	64	56	25	19	3.5
65 years and over .....	28	...	11	17	—	—	—	—	—	...
Female head .....	945	...	415	254	124	70	62	11	9	2.7
Under 65 years .....	817	...	312	234	119	70	62	11	9	2.9
65 years and over .....	128	...	103	20	5	—	—	—	—	2.1
<b>One-person households</b> .....	1 516	1 516	...	...	...	...	...	...	...	1.0
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	16 178	1 302	4 427	3 161	3 476	2 097	975	410	330	3.2
Less than 1.5 .....	10 675	329	2 677	2 227	2 495	1 588	752	309	298	3.5
1.5 to 1.9 .....	2 367	129	704	464	568	271	133	66	32	3.3
2.0 to 2.4 .....	940	86	343	183	160	130	43	15	—	2.8
2.5 to 2.9 .....	503	126	194	59	72	32	10	10	—	2.1
3.0 to 3.9 .....	537	157	154	87	77	37	21	4	—	2.2
4.0 or more .....	970	396	314	119	80	39	16	6	—	1.8
Not computed .....	166	79	41	22	24	—	—	—	—	1.6
<b>Renter occupied housing units</b> .....	6 783	1 435	1 876	1 312	1 041	557	303	117	142	2.6
<b>BEDROOMS</b>										
None .....	184	105	58	21	—	—	—	—	—	...
1 .....	2 527	1 066	849	418	82	38	17	23	34	1.7
2 .....	2 393	264	669	555	481	258	69	56	41	3.0
3 or more .....	1 428	58	158	320	465	210	132	62	23	3.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	83	16	36	13	14	—	—	—	4	...
1965 to 1968 .....	436	139	193	45	37	9	8	—	5	1.9
1960 to 1964 .....	692	123	179	161	156	48	13	6	4	2.8
1950 to 1959 .....	3 047	487	781	673	492	302	182	45	85	2.9
1940 to 1949 .....	2 084	528	579	355	284	166	73	66	33	2.4
1939 or earlier .....	441	142	108	65	58	32	27	—	9	2.2
<b>UNITS IN STRUCTURE</b>										
1 .....	4 627	750	1 160	894	827	474	284	104	134	3.0
2 .....	518	117	130	148	69	43	4	7	—	2.6
3 and 4 .....	230	71	98	25	26	—	10	—	—	1.9
5 to 9 .....	170	58	39	46	22	—	5	—	—	2.2
10 to 19 .....	458	132	153	90	44	31	—	—	8	2.1
20 or more .....	710	263	275	104	53	9	—	6	—	1.8
Mobile home or trailer .....	70	44	21	5	—	—	—	—	—	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	6 057	1 359	1 695	1 128	895	474	277	105	124	2.5
2 or more .....	590	—	157	131	147	73	48	6	28	3.5
None or also used by another household .....	136	62	39	10	15	—	5	5	—	1.7
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	5 348	...	1 876	1 312	1 041	557	303	117	142	3.1
Male head, wife present, no nonrelatives .....	4 265	...	1 443	1 047	860	440	244	107	124	3.2
Under 25 years .....	947	...	419	391	117	15	5	—	—	2.6
25 to 34 years .....	1 396	...	224	357	410	227	120	28	30	3.8
35 to 44 years .....	777	...	137	97	193	158	73	65	54	4.3
45 to 64 years .....	957	...	511	182	129	40	46	14	35	2.4
65 years and over .....	188	...	152	20	11	—	—	—	5	2.1
Other male head .....	329	...	142	94	61	15	17	—	—	2.7
Under 65 years .....	303	...	126	84	61	15	17	—	—	2.8
65 years and over .....	26	...	16	10	—	—	—	—	—	...
Female head .....	754	...	291	171	120	102	42	10	18	3.0
Under 65 years .....	715	...	267	171	111	96	42	10	18	3.0
65 years and over .....	39	...	24	—	9	6	—	—	—	...
<b>One-person households</b> .....	1 435	1 435	...	...	...	...	...	...	...	1.0
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	6 773	1 435	1 866	1 312	1 041	557	303	117	142	2.6
Less than 10 percent .....	729	144	272	137	92	53	15	—	16	2.3
10 to 14 percent .....	1 559	203	466	331	257	143	86	40	33	2.8
15 to 19 percent .....	1 437	254	282	326	279	148	65	38	45	3.1
20 to 24 percent .....	789	128	172	188	150	66	57	11	17	3.0
25 to 34 percent .....	646	159	205	82	82	55	21	5	23	2.3
35 percent or more .....	1 079	425	302	153	98	58	25	18	—	1.9
Not computed .....	534	122	167	81	83	34	34	5	8	2.4

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

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

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

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

Odessa					Odessa				
	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 .....	535	125	175	235	Vacant for rent .....	1 373	835	326	212
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	18	5	13	-	1 room .....	40	18	12	10
4 rooms .....	188	28	44	116	2 rooms .....	328	151	106	71
5 rooms .....	249	61	85	103	3 rooms .....	458	337	60	61
6 rooms .....	62	19	27	16	4 rooms .....	405	241	102	62
7 rooms or more .....	18	12	6	-	5 rooms .....	129	79	46	4
					6 rooms .....	13	9	-	4
					7 rooms or more .....	-	-	-	-
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	531	121	175	235	With all plumbing facilities .....	1 314	828	295	191
Lacking some or all plumbing facilities .....	4	4	-	-	Lacking some or all plumbing facilities .....	59	7	31	21
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	23	-	23	-	None .....	18	-	-	18
2 .....	264	63	77	124	1 .....	791	475	177	139
3 .....	255	84	93	78	2 .....	487	289	108	90
4 or more .....	23	-	-	23	3 or more .....	51	33	-	18
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	18	18	-	-	1969 to March 1970 .....	4	4	-	-
1960 to 1968 .....	65	32	24	9	1960 to 1968 .....	145	127	13	5
1950 to 1959 .....	374	66	114	194	1950 to 1959 .....	661	351	191	119
1949 or earlier .....	78	9	37	32	1949 or earlier .....	563	353	122	88
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	489	114	171	204	1 .....	869	505	214	150
2 or more .....	46	11	4	31	2 to 4 .....	112	65	35	12
					5 to 9 .....	96	48	39	9
					10 to 19 .....	147	79	27	41
					20 or more .....	149	138	11	-
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	-	-	-	-	Specified vacant for rent <sup>2</sup> .....	1 373	835	326	212
Warm-air furnace .....	124	69	36	19	Less than \$50 .....	369	141	133	95
Built-in electric units .....	15	4	4	7	\$50 to \$59 .....	255	167	50	38
Floor, wall, or pipeless furnace .....	317	38	116	163	\$60 to \$79 .....	422	263	97	62
Other means .....	79	14	19	46	\$80 to \$99 .....	155	119	28	8
None .....	-	-	-	-	\$100 to \$119 .....	70	43	18	9
					\$120 to \$149 .....	39	39	-	-
					\$150 to \$199 .....	37	37	-	-
					\$200 or more .....	26	26	-	-
<b>SALES PRICE ASKED</b>					Median rent asked .....	563	568	\$56	\$53
Specified vacant for sale <sup>1</sup> .....	489	114	171	204					
Less than \$5,000 .....	59	8	16	35					
\$5,000 to \$9,999 .....	292	48	115	129					
\$10,000 to \$14,999 .....	88	30	18	40					
\$15,000 to \$19,999 .....	26	4	22	-					
\$20,000 to \$24,999 .....	12	12	-	-					
\$25,000 to \$34,999 .....	6	6	-	-					
\$35,000 to \$49,999 .....	6	6	-	-					
\$50,000 or more .....	-	-	-	-					
Median price asked .....	\$8 200	\$10 200	\$7 500	\$7 900					

<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]

Odessa	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> .....	489	351	88	26	12	6	6	1 373	624	422	155	109	37	26
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	565	496	46	-	23	-	-	1 329	576	392	167	124	34	36
Lacking some or all plumbing facilities .....	-	-	-	-	-	-	-	18	18	-	-	-	-	-
<b>BEDROOMS</b>														
None and 1 .....	23	23	-	-	-	-	-	809	450	233	72	36	18	-
2 .....	264	249	15	-	-	-	-	487	144	159	80	70	16	18
3 .....	255	201	31	-	23	-	-	51	-	15	18	-	-	18
4 or more .....	23	23	-	-	-	-	-	-	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	18	-	-	-	6	6	6	4	-	-	-	4	-	-
1960 to 1968 .....	65	34	22	3	6	-	-	145	31	31	-	33	33	17
1950 to 1959 .....	332	256	62	14	-	-	-	661	309	196	100	52	-	4
1949 or earlier .....	74	61	4	9	-	-	-	563	284	195	55	20	4	5
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	869	476	243	86	35	6	23
2 to 4 .....	...	...	...	...	...	...	...	112	21	46	33	12	-	-
5 to 19 .....	...	...	...	...	...	...	...	243	95	98	16	18	13	3
20 or more .....	...	...	...	...	...	...	...	149	32	35	20	44	18	-
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	838	385	254	84	62	31	22
Some or no utilities included .....	...	...	...	...	...	...	...	535	239	168	71	47	6	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.

## Appendix A.—AREA CLASSIFICATIONS

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### USUAL PLACE OF RESIDENCE

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

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

### COUNTIES

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

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

### PLACES

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

### STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

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

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### GENERAL

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

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

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

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

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

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

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

#### LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

#### OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

#### STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### EQUIPMENT, FUELS, AND APPLIANCES

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



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

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

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

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

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

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

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

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

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

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

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

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

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

#### FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

## HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B—Continued

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

<p><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>• ■ •</p> <p><i>Answer these questions for your living quarters</i></p> <p><b>H1.</b> Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes ——— What is the number? _____</p> <p><input type="radio"/> No</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?</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>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                      <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms                      <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms                      <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms                      <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p> <p><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>■</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>	<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><b>H10a.</b> Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p><b>b.</b> If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p> <p><b>H11.</b> If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p style="font-size: small; border: 1px solid black; padding: 2px; width: fit-content;">If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</p> <p><b>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>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; font-size: small;">(Nearest dollar)                      (Week, half-month, year, etc.)</p>	<p>FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 50%;"><b>a4.</b> Block number</th> <th style="width: 50%;"><b>a5.</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> <p><b>B.</b> Type of unit or quarters</p> <p>Occupied</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p>Vacant</p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p>Group quarters</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p style="font-size: small;">For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</p> <p><b>C.</b> Vacancy status</p> <p>Year round—</p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p> <p>■</p> <p><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>	<b>a4.</b> Block number	<b>a5.</b> Serial number	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
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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> <p><b>b. Gas?</b></p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <p><b>c. Water?</b></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p><b>d. Oil, coal, kerosene, wood, etc.?</b></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p><b>H19.</b> Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p><b>H14.</b> How are your living quarters heated? 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 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><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>H24a.</b> How many stories (floors) are in this building?</p> <p><input type="radio"/> 1 to 3 stories</p> <p><input type="radio"/> 4 to 6 stories</p> <p><input type="radio"/> 7 to 12 stories</p> <p><input checked="" type="radio"/> 13 stories or more</p> <hr/> <p><b>b.</b> If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H14.</b> How are your living quarters heated? 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>H25a.</b> Which fuel is used most for cooking?</p> <p>Gas <input checked="" type="radio"/> From underground pipes serving the neighborhood</p> <p>Gas <input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p><b>b.</b> Which fuel is used most for house heating?</p> <p>Gas <input checked="" type="radio"/> From underground pipes serving the neighborhood</p> <p>Gas <input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p><b>c.</b> Which fuel is used most for water heating?</p> <p>Gas <input checked="" type="radio"/> From underground pipes serving the neighborhood</p> <p>Gas <input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p>
<p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970</p> <p><input type="radio"/> 1965 to 1968</p> <p><input checked="" type="radio"/> 1960 to 1964</p> <p><input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1939 or earlier</p>	<p><b>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</p> <p><input type="radio"/> 1 bedroom</p> <p><input type="radio"/> 2 bedrooms</p> <p><input checked="" type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 5 bedrooms or more</p>
<p><b>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>H27a.</b> Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <hr/> <p><b>b.</b> Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No</p> <hr/> <p><b>c.</b> Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p><b>d.</b> Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p><b>H28a.</b> Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <hr/> <p><b>b.</b> If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input type="radio"/> No</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>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.</p> <p><input type="radio"/> Yes, one or more</p> <p><input type="radio"/> No</p> <hr/> <p><b>H30.</b> Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

## 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
<b>UTILIZATION CHARACTERISTICS</b>		Inclusion of utilities	
Number of rooms . . . . .	20	in rent . . . . .	20
Size of household (persons) . . . . .	20	Value-income ratio . . . . .	20
Persons per room . . . . .	20	Gross rent as percentage	
Bedrooms . . . . .	5	of income . . . . .	20
<b>PLUMBING CHARACTERISTICS</b>		<b>HOUSEHOLD CHARACTERISTICS</b>	
Plumbing facilities . . . . .	20	Household composition . . . . .	20
Complete bathrooms . . . . .	15	Income . . . . .	20
<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 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 .....			
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
				ALL OTHERS .....	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, home-owner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

#### Volume VI.

##### ESTIMATES OF "SUBSTANDARD" HOUSING

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

#### Volume VII.

##### SUBJECT REPORTS

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

### Population Census Reports

#### Volume I.

##### CHARACTERISTICS OF THE POPULATION

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

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

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

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

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

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

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

Series PC(1)-D.

**DETAILED CHARACTERISTICS**

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

**Volume II.**

**SUBJECT REPORTS**

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

**Joint Population-Housing Reports**

Series PHC(1).

**CENSUS TRACT REPORTS**

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

Series PHC(2).

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

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

Series PHC(3).

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

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

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

**Additional Reports**

Series PHC(E).

**EVALUATION REPORTS**

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

Series PHC(F).

**PROCEDURAL REPORTS**

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

**Computer Summary Tapes**

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

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

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

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

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

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

**Sixth Count**—source of the PC(1)-D and HC(2) reports; contains about 280,000 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 10-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 10-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 identifies States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and race of State, with each individual record showing characteristics of the person's neighborhood.

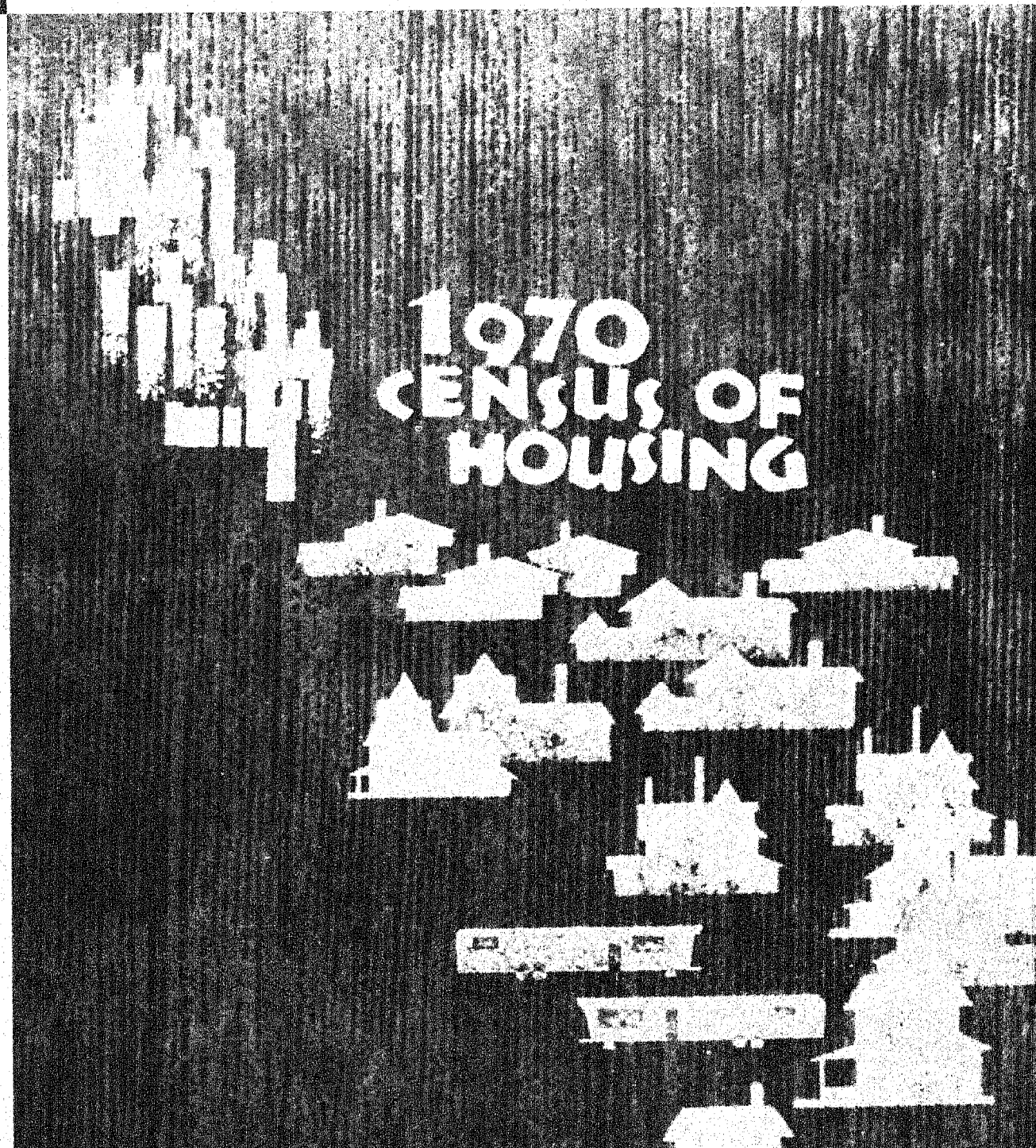
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# Metropolitan Housing Characteristics

OGDEN, UTAH  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-155



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



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### HOUSING DIVISION

Arthur F. Young, Chief

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CENSUS OF  
HOUSING**

Metropolitan  
Housing  
Characteristics

**OGDEN, UTAH**

**STANDARD METROPOLITAN  
STATISTICAL AREA**

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7, 17, 25	HOUSEHOLD COMPOSITION
8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

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## LIST OF HC(2) REPORTS

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

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

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

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

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
<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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    Organization of the text ..... V  
    Content of the tables ..... V  
    Sample size ..... V  
    Derived figures (medians, etc.) ..... VI  
    Symbols ..... VI  
    Boundaries ..... VI  
DATA COLLECTION  
PROCEDURES ..... VI  
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## GENERAL

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

This report series contains 248 reports as listed on page 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

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## INTRODUCTION—Continued

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

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

### PROCESSING PROCEDURES

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

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

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

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



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METROPOLITAN HOUSING CHARACTERISTICS

Ogden, Utah

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 155.]

page

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MAP

Counties, Standard Metropolitan  
Statistical Areas, and Selected Places

XI

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INDEX OF TABLES

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

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

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CONTENTS—Continued

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

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

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

# Counties, Standard Metropolitan Statistical Areas, and Selected Places

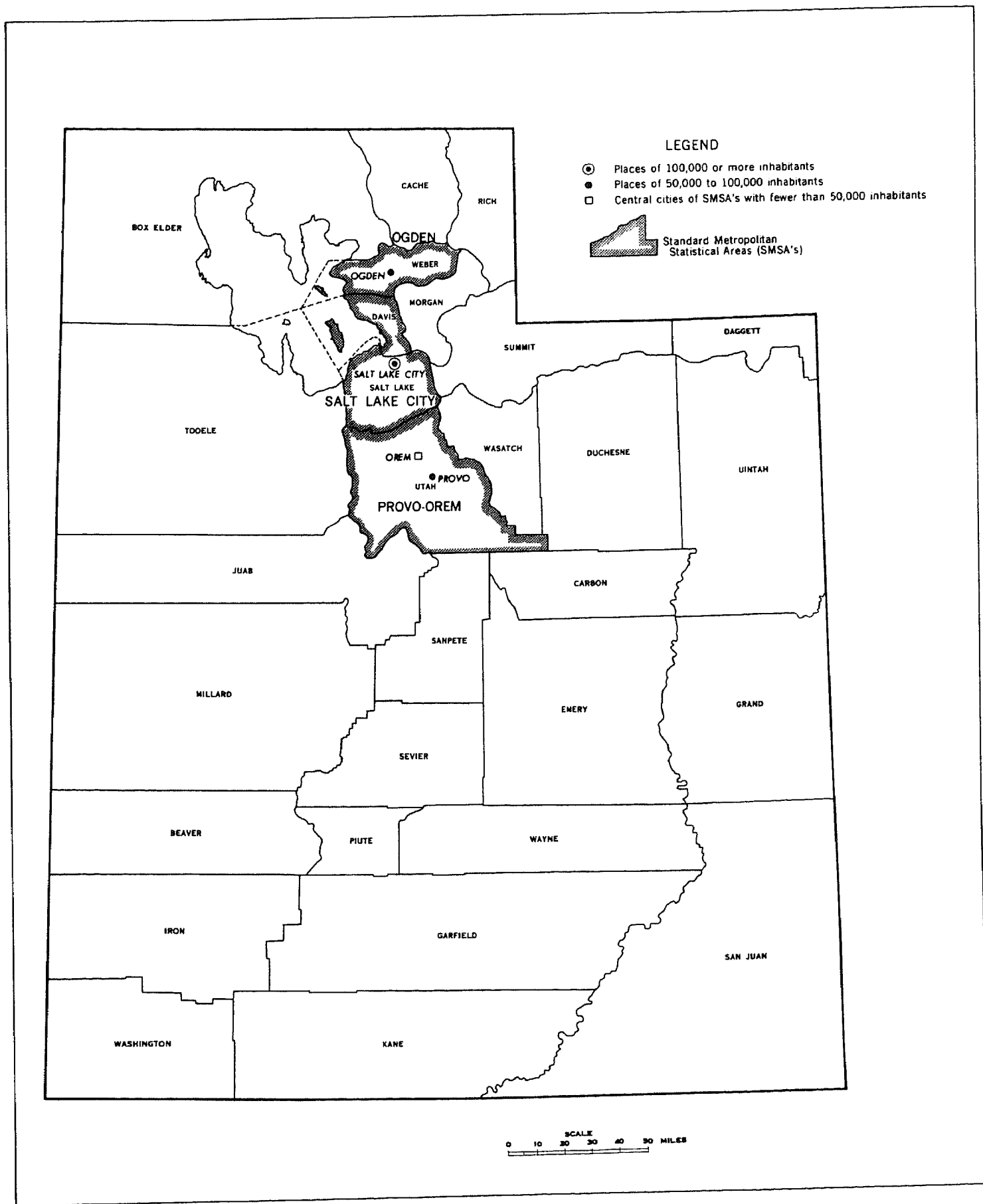


Table A-1. Value of Owner Occupied Housing Units: 1970

(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</b>	22 893	246	800	1 404	2 692	3 485	7 116	3 708	2 475	756	211	16 700
<b>ROOMS</b>												
1 and 2 rooms	60	23	5	6	-	10	16	-	-	-	-	...
3 rooms	520	42	110	116	108	76	37	17	10	4	4	9 800
4 rooms	4 466	95	337	501	873	1 025	1 238	254	113	25	5	13 500
5 rooms	6 983	67	232	480	981	1 332	2 351	1 071	409	51	9	15 700
6 rooms	4 187	9	83	202	482	566	1 415	806	462	142	20	17 400
7 rooms	3 084	4	22	66	153	277	1 069	739	603	132	19	19 800
8 rooms or more	3 593	6	11	33	95	199	990	821	878	406	154	22 800
Median	5.4	4.1	4.3	4.7	4.9	5.0	5.5	6.1	6.9	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	2 117	81	222	314	465	394	439	140	34	23	5	12 400
2 persons	5 629	76	237	439	828	902	1 690	806	425	172	54	15 800
3 persons	3 676	27	139	203	436	618	1 205	515	415	85	33	16 500
4 persons	3 887	23	71	120	414	567	1 361	703	483	122	37	17 400
5 persons	3 417	13	32	159	230	430	1 157	709	470	183	34	18 500
6 persons or more	4 167	26	99	169	319	574	1 264	835	648	171	62	18 500
Median	3.5	2.1	2.3	2.4	2.6	3.2	3.7	4.1	4.3	4.3	4.1	...
Units with roomers, boarders, or lodgers	276	5	4	35	33	30	73	51	28	17	-	18 200
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	22 759	215	791	1 390	2 687	3 465	7 086	3 698	2 470	746	211	16 700
0.50 or less	10 081	111	434	764	1 447	1 449	2 849	1 431	1 041	428	127	16 200
0.51 to 1.00	10 643	67	271	463	968	1 502	3 644	2 016	1 332	296	84	17 600
1.01 to 1.50	1 689	27	53	97	190	478	518	218	85	22	-	15 000
1.51 or more	346	10	33	66	82	36	75	33	11	-	-	12 000
<b>Lacking some or all plumbing facilities</b>	134	31	9	14	5	20	30	10	5	-	-	13 500
0.50 or less	80	13	5	5	-	16	21	10	-	10	-	...
0.51 to 1.00	36	18	4	-	5	-	4	-	5	-	-	...
1.01 to 1.50	13	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	5	-	-	-	-	-	5	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	992	86	105	249	250	113	145	24	-	-	20	10 600
2	6 789	89	569	655	1 368	1 423	2 029	413	184	41	18	13 800
3	9 605	38	202	421	800	1 506	3 507	1 776	955	366	34	17 400
4 or more	5 538	-	21	73	231	471	1 612	1 433	1 113	521	63	21 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	420	-	-	-	-	25	109	83	152	38	13	24 600
1965 to 1968	1 720	11	13	4	18	25	321	569	540	185	34	24 100
1960 to 1964	3 551	5	15	9	113	275	1 176	1 117	623	168	50	20 800
1950 to 1959	7 185	25	41	108	474	1 095	3 010	1 268	824	282	58	17 900
1940 to 1949	3 917	44	151	202	576	1 100	1 193	425	132	52	42	14 700
1939 or earlier	6 100	161	580	1 081	1 511	965	1 307	246	204	31	14	12 000
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	15 812	242	717	1 355	2 481	3 024	5 134	1 981	767	100	11	15 100
2 and 2 1/2	6 115	-	12	58	176	426	1 851	1 615	1 432	427	118	21 700
3 or more	717	-	7	-	-	11	23	110	303	150	113	31 800
None or also used by another household	195	24	35	25	39	19	25	7	7	14	-	10 900
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	20 776	165	578	1 090	2 227	3 091	6 677	3 568	2 441	733	206	17 700
Male head, wife present, no nonrelatives	18 835	112	425	885	1 949	2 815	6 076	3 339	2 336	697	201	17 300
Under 25 years	548	5	5	25	95	134	204	67	9	4	-	15 200
25 to 34 years	3 412	17	78	130	273	633	1 232	663	317	59	10	17 300
35 to 44 years	4 642	26	69	148	295	570	1 480	1 028	763	212	51	19 000
45 to 64 years	7 857	40	154	309	884	1 017	2 566	1 285	1 102	403	97	17 500
65 years and over	2 376	24	119	273	402	473	594	296	145	19	43	14 500
Other male head	497	4	54	44	67	81	133	63	36	10	5	15 000
Under 65 years	364	-	41	39	55	46	89	53	36	5	-	15 100
65 years and over	133	4	13	5	12	35	44	10	-	5	5	14 800
Female head	1 444	49	99	161	211	195	468	166	69	26	-	15 100
Under 65 years	1 146	27	69	113	160	159	398	130	64	26	-	15 600
65 years and over	298	22	30	48	51	36	70	36	5	-	-	12 400
<b>One-person households</b>	2 117	81	222	314	465	394	439	140	34	23	5	12 400
Under 65 years	921	33	68	120	6	175	235	83	14	6	5	13 200
65 years and over	1 196	48	154	194	290	159	257	57	20	17	-	11 700
<b>INCOME IN 1969</b>												
Less than \$2,000	1 416	84	182	204	267	196	285	133	38	22	5	12 200
\$2,000 to \$2,999	786	26	53	155	162	133	169	55	33	-	-	12 500
\$3,000 to \$3,999	812	22	98	121	183	130	145	52	51	-	-	12 300
\$4,000 to \$4,999	810	13	67	94	113	154	223	101	16	18	11	14 400
\$5,000 to \$5,999	934	16	58	73	166	193	290	74	45	15	4	14 500
\$6,000 to \$6,999	1 126	19	77	96	182	215	375	112	39	71	-	14 700
\$7,000 to \$7,999	4 579	44	134	333	682	975	1 582	573	220	52	14	15 300
\$8,000 to \$8,999	7 061	11	96	245	666	1 061	2 474	1 456	880	132	40	17 700
\$9,000 to \$9,999	4 561	11	35	65	247	390	1 495	1 019	938	313	48	20 200
\$10,000 to \$14,999	808	-	-	18	24	38	108	133	215	183	89	28 900
\$15,000 to \$24,999	808	-	-	18	24	38	108	133	215	183	89	28 900
\$25,000 or more	808	-	-	18	24	38	108	133	215	183	89	28 900
Median	\$10 700	\$3 600	\$5 000	\$6 600	\$8 200	\$9 200	\$11 000	\$12 600	\$14 500	\$18 800	\$21 600	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 205	22	28	109	156	389	654	438	308	75	26	17 700
1968	1 661	13	60	81	116	277	457	342	209	76	30	18 000
1967	1 448	26	30	52	155	188	464	219	249	49	16	17 500
1965 and 1966	2 495	8	66	135	234	318	845	446	344	6	6	17 200
1960 to 1964	4 483	29	125	171	340	491	1 392	1 049	624	178	84	19 000
1950 to 1959	6 705	79	221	368	859	1 124	2 285	916	616	190	47	16 300
1949 or earlier	3 842	89	241	522	836	693	936	303	159	30	33	13 300
<b>HEATING EQUIPMENT</b>												
Steam or hot water	512	4	6	27	28	71	156	105	73	22	20	18 200
Warm-air furnace	19 381	71	337	881	2 094	3 020	6 441	3 419	2 231	701	186	17 300
Built-in electric units	258	5	5	13	19	9	78	38	80	11	-	20 000
Floor, wall, or pipeless furnace	889	68	98	211	242	132	88	28	10	12	-	10 700
Other means	1 848	98	354	272	309	253	353	118	76	10	5	11 600
None	5	-	-	-	-	-	-	-	5	-	-	...
<b>AIR CONDITIONING</b>												
Room unit(s)	4 539	33	78	245	531	879	1 390	795	418	122	48	16 600
Central system	1 637	-	12	13	74	147	362	340	376	210	103	23 100
None	16 663	233	681	1 180	2 091	2 454	5 281	2 578	1 715	359	91	16 400

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>11 142</b>	<b>925</b>	<b>609</b>	<b>920</b>	<b>1 111</b>	<b>2 275</b>	<b>1 696</b>	<b>1 948</b>	<b>984</b>	<b>227</b>	<b>16</b>	<b>431</b>	<b>95</b>
<b>ROOMS</b>													
1 room	533	382	47	14	12	56	11	5	-	-	-	6	50-
2 rooms	814	262	99	127	91	87	69	43	5	-	-	31	62
3 rooms	3 222	201	337	533	621	934	369	165	5	9	-	48	78
4 rooms	3 499	66	107	158	266	732	710	928	326	51	-	155	110
5 rooms	1 772	14	12	55	86	340	370	477	286	29	4	99	118
6 rooms	681	-	7	18	21	104	90	176	153	67	-	45	133
7 rooms	349	-	-	11	8	22	55	87	108	27	-	31	142
8 rooms or more	272	-	-	4	6	-	22	67	101	44	12	16	164
Median	3.8	1.8	3.0	3.1	3.2	3.6	4.1	4.3	5.0	5.9	...	4.3	...
<b>PERSONS</b>													
1 person	3 080	740	374	395	328	503	252	286	55	38	-	109	69
2 persons	3 404	119	144	313	461	893	513	539	245	41	-	136	93
3 persons	1 938	28	35	118	171	451	432	431	154	28	-	90	106
4 persons	1 411	20	19	48	86	261	265	339	267	47	10	49	119
5 persons	617	10	14	26	13	83	141	166	118	28	-	18	122
6 persons or more	692	8	23	20	52	84	93	187	145	45	6	29	128
Median	2.2	1.1	1.3	1.7	2.0	2.2	2.7	2.8	3.6	3.6	...	2.3	...
Units with roomers, boarders, or lodgers	328	12	5	45	29	68	43	66	28	21	6	5	101
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>													
0.50 or less	4 504	266	343	465	449	878	627	799	347	113	6	211	93
0.51 to 1.00	5 178	174	163	369	563	1 212	896	967	568	86	6	174	100
1.01 to 1.50	677	19	31	39	70	131	125	154	52	28	-	28	106
1.51 or more	204	6	19	31	18	48	42	23	17	-	-	28	95
<b>Lacking some or all plumbing facilities</b>													
0.50 or less	579	460	53	16	11	6	6	5	-	-	4	18	50-
0.51 to 1.00	178	124	32	11	5	-	-	-	-	-	-	6	50-
1.01 to 1.50	379	325	21	5	6	6	6	-	-	-	4	6	50-
1.51 or more	9	4	-	-	-	-	-	5	-	-	-	-	...
	13	7	-	-	-	-	-	-	-	-	-	6	...
<b>BEDROOMS</b>													
None	730	473	91	16	24	82	24	-	-	-	-	20	50-
1	4 282	334	485	566	831	1 224	439	232	84	-	-	87	79
2	4 511	51	74	213	262	842	923	1 539	404	72	-	131	116
3 or more	1 660	-	-	66	41	175	254	552	338	130	-	104	133
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	284	-	-	5	-	6	7	89	122	51	-	6	164
1965 to 1968	978	12	6	-	-	77	238	400	207	28	-	10	131
1960 to 1964	983	-	11	15	10	98	167	410	180	53	12	27	133
1950 to 1959	1 790	49	57	132	153	395	320	338	255	43	-	48	105
1940 to 1949	1 999	66	92	156	257	538	402	292	99	19	4	74	94
1939 or earlier	5 106	798	443	612	691	1 161	562	419	121	33	-	266	78
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	370	63	-	-	44	82	82	41	16	21	-	21	...
With elevator	272	43	-	-	24	61	82	20	-	21	-	21	...
Walk-up	98	20	-	-	20	21	-	21	16	-	-	-	...
1 to 3 floors	10 813	795	650	861	1 114	2 241	1 558	2 282	810	181	-	321	96
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	9 823	433	537	870	1 038	2 234	1 686	1 682	815	130	-	398	96
2 or more	612	8	-	18	14	19	22	160	217	103	13	38	161
None or also used by another household	667	499	64	34	13	30	7	7	-	-	5	8	50-
<b>INCOME IN 1969</b>													
less than \$2,000	2 096	493	274	238	175	377	173	162	83	28	-	93	70
\$2,000 to \$2,999	898	117	108	52	179	183	109	86	34	-	-	30	79
\$3,000 to \$3,999	830	63	58	78	106	220	129	107	31	6	-	32	88
\$4,000 to \$4,999	863	72	30	77	61	183	138	115	58	21	-	28	89
\$5,000 to \$5,999	871	33	30	86	110	243	167	103	56	10	-	33	94
\$6,000 to \$6,999	868	48	42	104	73	200	141	170	58	5	4	23	94
\$7,000 to \$9,999	2 530	65	41	188	209	573	493	627	238	18	-	78	106
\$10,000 to \$14,999	1 585	28	16	88	108	249	277	406	263	82	6	62	120
\$15,000 to \$24,999	542	6	10	9	10	41	69	162	147	57	-	31	140
\$25,000 or more	59	-	-	-	-	6	-	10	16	-	-	21	...
Median	\$6 000	\$2000-	\$2 300	\$5 200	\$4 700	\$5 700	\$6 900	\$8 100	\$9 200	\$11 600	...	\$6 000	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	5 964	450	295	387	528	1 295	892	1 099	755	163	13	87	100
1968	1 730	106	68	135	183	355	350	258	163	26	-	86	98
1967	760	73	38	67	67	120	137	158	38	-	-	62	96
1965 and 1966	1 090	73	54	112	131	270	144	206	51	9	-	40	90
1960 to 1964	783	125	52	131	72	144	118	90	14	16	-	21	80
1950 to 1959	466	73	70	49	56	68	55	32	5	12	5	41	74
1949 or earlier	309	40	24	41	28	31	19	6	6	7	-	107	69
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	1 039	186	71	197	138	204	105	107	25	-	-	...	75
10 to 14 percent	2 137	135	73	253	238	572	343	345	172	6	6	...	91
15 to 19 percent	1 896	67	40	112	177	369	402	477	188	64	-	...	109
20 to 24 percent	1 381	46	69	58	117	283	222	348	185	53	-	...	111
25 to 34 percent	1 429	192	105	46	154	243	227	251	169	34	6	...	97
35 percent or more	2 606	276	215	219	270	543	392	387	235	65	4	...	92
Not computed	654	23	36	35	15	61	5	33	10	5	-	431	81
<b>AIR CONDITIONING</b>													
Room unit(s)	1 220	31	45	58	89	197	280	266	137	31	13	73	111
Central system	913	31	6	13	29	57	106	304	260	74	-	33	140
None	8 969	878	550	851	947	2 029	1 329	1 279	635	128	5	338	90

<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	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000	Median (dollars)
		than \$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>25 914</b>	<b>1 710</b>	<b>963</b>	<b>1 016</b>	<b>957</b>	<b>1 088</b>	<b>1 354</b>	<b>5 154</b>	<b>7 645</b>	<b>5 081</b>	<b>946</b>	<b>10 500</b>
<b>ROOMS</b>												
1 and 2 rooms	136	37	19	11	18	5	20	4	11	11	-	4 100
3 rooms	786	191	94	109	41	51	53	142	90	11	4	4 000
4 rooms	5 399	566	375	387	299	314	327	1 330	1 289	461	51	8 000
5 rooms	7 807	544	300	297	312	399	531	1 673	2 430	1 234	87	9 700
6 rooms	4 641	213	111	105	167	149	197	1 036	1 499	973	191	11 100
7 rooms or more	7 145	159	64	107	120	170	226	969	2 326	2 391	613	13 800
<b>PERSONS</b>												
1 person	2 669	1 066	491	295	198	147	174	187	102	5	4	2 500
2 persons	6 729	369	361	500	479	531	464	1 315	1 622	956	132	6 500
3 and 4 persons	8 391	152	68	155	201	265	390	2 918	2 018	2 018	364	11 900
5 persons	3 673	67	11	47	26	65	181	790	1 358	924	204	12 400
6 persons or more	4 452	56	32	19	53	80	145	1 002	1 645	1 178	242	12 600
Units with roomers, boarders, or lodgers	341	32	15	-	9	9	52	79	73	51	21	9 000
<b>BEDROOMS</b>												
Less than 3	9 571	1 238	801	1 056	562	619	689	1 788	1 815	928	75	6 700
3	10 411	344	81	140	414	363	422	2 334	3 746	2 061	506	11 500
4 or more	5 819	147	23	41	82	145	241	1 792	2 094	2 094	406	13 900
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	585	28	7	15	13	31	55	102	174	150	10	11 200
1960 to 1968	6 021	167	79	100	127	148	247	1 089	2 186	1 603	275	12 400
1950 to 1959	7 726	237	165	179	221	257	341	2 491	2 491	1 896	391	11 800
1949 or earlier	11 582	1 278	712	722	596	652	711	2 415	2 794	1 432	270	8 400
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 712	108	67	62	134	156	271	590	848	399	77	9 800
1968	1 970	42	34	53	33	76	119	617	596	325	75	10 100
1960 to 1967	9 272	343	204	233	242	282	363	2 005	3 207	2 080	313	11 500
1959 or earlier	11 969	1 216	665	592	523	570	598	2 022	3 055	2 292	436	9 700
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	21 880	1 137	533	779	780	879	1 101	4 345	6 817	4 598	911	11 000
Clothes dryer	16 488	359	273	392	515	520	742	2 950	5 740	4 141	856	12 200
Dishwasher	7 444	162	103	65	37	236	203	1 168	2 540	2 216	714	13 400
Home food freezer	11 548	347	228	325	304	389	365	2 266	3 520	3 260	544	12 200
Owned second home	896	20	20	68	-	16	20	276	84	245	147	14 000
With air conditioning	7 391	303	203	263	296	225	441	1 391	2 089	1 775	405	11 400
Room unit(s)	5 235	213	149	177	236	184	362	1 454	1 198	1 198	184	10 800
Central system	2 156	90	54	86	60	41	79	313	635	577	221	12 800
Automobiles available:												
1	10 499	787	561	650	636	693	822	2 633	2 580	998	139	8 300
2	10 545	173	76	126	198	269	425	2 190	4 039	2 662	387	12 200
3 or more	3 252	14	12	25	21	46	52	284	1 007	1 423	368	16 200
<b>Renter occupied housing units</b>	<b>11 338</b>	<b>2 125</b>	<b>917</b>	<b>841</b>	<b>882</b>	<b>890</b>	<b>886</b>	<b>2 563</b>	<b>1 618</b>	<b>547</b>	<b>69</b>	<b>6 000</b>
<b>ROOMS</b>												
1 room	533	280	98	44	40	23	21	10	5	12	-	2000-
2 rooms	818	278	78	78	50	47	66	129	92	-	4	3 700
3 rooms	3 227	801	346	289	321	302	223	596	271	72	6	4 600
4 rooms	3 579	475	243	261	293	307	364	918	514	184	20	6 600
5 rooms	1 806	188	97	98	134	121	108	505	414	132	9	7 900
6 rooms or more	1 375	103	55	71	44	90	104	405	322	147	34	8 600
<b>PERSONS</b>												
1 person	3 104	1 288	389	227	227	138	170	434	165	56	10	2 700
2 persons	3 452	440	240	286	341	321	294	829	535	151	15	6 300
3 and 4 persons	3 411	266	195	231	238	329	309	943	643	224	33	7 400
5 persons	635	82	47	39	21	63	69	139	113	57	5	6 900
6 persons or more	736	49	46	58	55	39	44	218	162	59	6	8 100
Units with roomers, boarders, or lodgers	328	99	41	70	37	-	27	41	7	-	6	3 300
<b>BEDROOMS</b>												
None	730	412	119	40	26	49	64	-	20	-	-	2000-
1	4 298	1 043	576	304	503	374	326	782	241	124	25	4 400
2	4 531	608	350	317	260	421	421	1 294	610	210	40	6 700
3 or more	1 773	105	66	101	122	147	151	357	576	123	25	8 600
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	286	47	10	-	27	21	-	63	54	64	-	8 800
1960 to 1968	1 969	206	85	99	142	121	167	530	416	183	20	7 900
1950 to 1959	1 822	172	126	128	127	185	161	491	310	107	15	7 100
1949 or earlier	7 261	1 700	696	614	586	563	558	1 479	838	193	34	5 100
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	6 072	1 142	461	541	549	578	423	1 330	723	295	30	5 600
1968	1 743	191	81	109	99	178	161	485	337	102	-	7 300
1960 to 1967	2 719	551	197	137	192	105	187	688	503	146	13	6 900
1959 or earlier	7 91	215	120	66	35	66	103	115	30	30	22	3 900
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	11 142	2 096	898	830	863	871	868	2 530	1 583	542	59	6 000
Less than 15 percent	3 176	-	17	52	77	124	243	1 085	1 080	460	38	10 000
15 to 19 percent	1 896	-	56	36	145	216	245	832	315	51	-	7 900
20 to 24 percent	1 381	18	54	120	214	254	197	418	106	-	-	6 200
25 to 34 percent	1 429	199	203	287	255	200	146	117	22	-	-	4 100
35 percent or more	2 606	1 563	538	303	144	44	14	-	-	-	-	2000-
Not computed	654	316	30	32	28	33	23	78	62	31	21	2 400
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	5 213	514	419	269	315	443	427	1 374	1 057	305	90	7 500
Clothes dryer	3 144	242	200	134	129	317	224	762	791	280	65	8 300
Dishwasher	693	40	20	66	60	67	41	131	132	111	25	8 200
Home food freezer	1 178	127	42	40	38	41	82	316	410	37	45	9 100
Owned second home	422	59	137	-	-	41	-	74	65	46	5	5 400
With air conditioning	2 170	329	105	113	160	175	95	563	447	156	27	7 600
Room unit(s)	1 248	200	70	64	78	102	73	335	238	75	13	7 300
Central system	922	129	35	49	82	73	22	228	209	81	14	7 900
Automobiles available:												
1	6 062	786	408	559	632	593	614	1 620	676	156	18	6 100
2	2 737	149	75	121	112	196	118	822	822	321	33	9 300
3 or more	441	58	7	40	42	10	22	65	111	72	14	8 900

<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	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>25 914</b>	<b>25 717</b>	<b>11 775</b>	<b>11 764</b>	<b>1 817</b>	<b>361</b>	<b>197</b>	<b>128</b>	<b>51</b>	<b>13</b>	<b>5</b>
<b>PERSONS</b>											
1 person	2 669	2 587	2 580	7	-	-	82	68	14	-	-
2 persons	6 729	6 668	6 359	305	-	4	61	56	5	-	-
3 persons	4 147	4 133	1 823	2 305	5	-	14	4	10	-	-
4 persons	4 244	4 231	656	3 549	26	-	13	-	8	-	5
5 persons	3 673	3 656	357	2 938	318	43	17	-	4	13	-
6 persons or more	4 452	4 442	-	2 660	1 468	314	10	-	10	-	-
Median	3.4	3.4	2.0	4.4	6.3	7.5+	1.8	1.4	...	...	...
Units with roomers, boarders, or lodgers	341	341	102	183	45	11	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	609	609	204	375	30	-	-	-	-	-	-
1965 to 1968	2 083	2 076	774	1 183	112	7	7	-	7	-	-
1960 to 1964	3 795	3 783	1 082	2 276	380	45	12	12	-	-	-
1950 to 1959	7 767	7 727	3 110	3 898	580	139	40	26	14	-	-
1940 to 1949	4 334	4 293	2 137	1 813	272	71	41	28	13	-	-
1939 or earlier	7 335	7 207	4 388	2 248	467	104	128	77	36	15	-
<b>INCOME IN 1969</b>											
Less than \$2,000	1 710	1 645	1 388	210	34	13	65	46	19	-	-
\$2,000 to \$2,999	963	943	825	99	5	14	20	20	-	-	-
\$3,000 to \$3,999	1 016	996	745	231	10	10	20	11	-	9	-
\$4,000 to \$4,999	957	957	706	213	38	-	-	-	-	-	-
\$5,000 to \$5,999	1 088	1 073	710	297	54	12	15	15	-	-	-
\$6,000 to \$6,999	1 354	1 341	673	577	74	17	13	9	4	-	-
\$7,000 to \$9,999	5 154	5 134	1 806	2 636	559	133	20	11	9	-	-
\$10,000 to \$14,999	7 645	7 612	2 594	4 244	673	101	33	5	19	4	5
\$15,000 to \$24,999	5 081	5 075	1 919	2 775	327	54	6	6	-	-	-
\$25,000 or more	946	941	409	482	43	7	5	5	-	-	-
Median	\$10 500	\$10 500	\$8 400	\$11 900	\$11 000	\$9 600	\$3 700	\$2 900	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	22 893	22 759	10 081	10 643	1 689	346	134	80	36	13	5
Less than 1.5	8 806	8 764	3 053	4 644	860	207	42	20	13	4	5
1.5 to 1.9	5 166	5 156	1 837	2 831	414	74	10	10	-	-	-
2.0 to 2.4	3 144	3 128	1 260	1 577	275	16	16	16	-	-	-
2.5 to 2.9	1 474	1 451	792	625	24	10	23	5	9	9	-
3.0 to 3.9	1 477	1 458	897	482	58	21	19	5	14	-	-
4.0 or more	2 724	2 700	2 179	445	58	18	24	24	-	-	-
Not computed	102	102	63	39	-	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	655	650	304	284	62	-	5	-	5	-	-
Warm-air furnace	21 713	21 608	9 722	10 176	1 466	244	105	68	19	13	5
Built-in electric units	369	369	149	160	60	-	-	-	-	-	-
Floor, wall, or pipeless furnace	989	971	492	340	72	67	18	13	5	-	-
Other means	2 183	2 114	1 108	799	157	50	69	47	22	-	-
None	5	5	-	5	-	-	-	-	-	-	-
<b>Renter occupied housing units</b>	<b>11 338</b>	<b>10 753</b>	<b>4 572</b>	<b>5 277</b>	<b>694</b>	<b>210</b>	<b>585</b>	<b>178</b>	<b>379</b>	<b>15</b>	<b>13</b>
<b>PERSONS</b>											
1 person	3 104	2 640	2 432	208	-	-	464	162	302	-	-
2 persons	3 452	3 381	1 854	1 512	-	15	71	16	55	-	-
3 persons	1 963	1 963	228	1 692	35	8	-	-	-	-	-
4 persons	1 448	1 415	49	1 224	131	11	33	-	22	4	7
5 persons	635	635	9	383	191	52	-	-	-	-	-
6 persons or more	736	719	-	258	337	124	17	-	-	11	6
Median	2.2	2.3	1.4	3.0	5.4	7.1	1.1	1.0	1.1	...	...
Units with roomers, boarders, or lodgers	328	316	117	159	35	5	12	-	5	-	7
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	288	288	105	169	14	-	-	-	-	-	-
1965 to 1968	948	948	441	471	26	10	-	-	-	-	-
1960 to 1964	938	938	349	524	65	-	-	-	-	-	-
1950 to 1959	1 898	1 889	676	1 076	117	20	9	-	9	-	-
1940 to 1949	2 102	2 071	726	1 183	133	29	31	6	19	6	-
1939 or earlier	5 151	4 627	2 267	1 940	310	110	524	173	329	7	15
<b>INCOME IN 1969</b>											
Less than \$2,000	2 125	1 813	1 113	591	63	46	312	104	208	-	-
\$2,000 to \$2,999	917	838	405	350	53	30	79	17	62	-	-
\$3,000 to \$3,999	841	807	314	415	49	29	34	18	16	-	-
\$4,000 to \$4,999	882	848	367	408	53	20	34	-	34	-	-
\$5,000 to \$5,999	890	877	297	475	81	24	13	5	4	4	-
\$6,000 to \$6,999	886	848	283	503	56	6	38	12	20	-	6
\$7,000 to \$9,999	2 563	2 530	990	1 325	178	37	33	16	6	11	-
\$10,000 to \$14,999	1 618	1 588	568	887	115	18	30	6	17	-	7
\$15,000 to \$24,999	547	535	210	279	46	-	12	-	12	-	-
\$25,000 or more	69	69	25	44	-	-	-	-	-	-	-
Median	\$6 000	\$6 200	\$5 300	\$6 800	\$6 900	\$4 000	\$2000-	\$2000-	\$2000-	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	11 142	10 563	4 504	5 178	677	204	579	178	379	9	13
Less than 10 percent	1 039	938	394	430	94	20	101	34	56	4	7
10 to 14 percent	2 137	2 070	747	1 191	117	15	67	13	54	-	-
15 to 19 percent	1 896	1 848	663	1 018	138	29	48	5	38	5	-
20 to 24 percent	1 381	1 351	537	692	97	25	30	5	25	-	-
25 to 34 percent	1 429	1 291	543	630	70	48	138	51	87	-	-
35 percent or more	2 606	2 440	1 287	976	123	54	166	64	102	-	-
Not computed	654	625	333	241	38	13	29	6	17	-	6
<b>HEATING EQUIPMENT</b>											
Steam or hot water	1 857	1 535	859	621	35	20	322	72	250	-	-
Warm-air furnace	6 204	6 121	2 464	3 178	393	86	83	40	43	-	-
Built-in electric units	291	291	130	120	14	27	-	-	-	-	-
Floor, wall, or pipeless furnace	787	776	307	373	68	28	11	-	11	-	-
Other means	2 199	2 030	812	985	184	49	169	66	75	15	13
None	-	-	-	-	-	-	-	-	-	-	-

<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>	25 914	30	106	786	5 399	7 807	4 641	3 302	3 843	5.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	25 580	9	103	729	5 388	7 685	4 595	3 364	3 707	5.4
<b>PERSONS</b>										
1 person	2 669	21	49	348	1 057	775	247	96	76	4.4
2 persons	6 729	4	40	270	2 268	2 171	1 073	495	408	4.9
3 persons	4 147		5	91	783	1 441	824	524	479	5.3
4 persons	4 244	5		26	679	1 379	921	578	656	5.5
5 persons	3 673		12	31	331	1 091	768	738	702	6.0
6 persons or more	4 452			20	281	950	808	871	1 522	6.7
Median	3.4	...	1.6	1.7	2.2	3.2	3.7	4.4	4.9	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	25 717	11	96	767	5 317	7 749	4 621	3 302	3 834	5.4
0.50 or less	11 775		44	329	3 269	2 913	2 138	1 115	1 967	5.3
0.51 to 1.00	11 764	7	35	361	1 449	3 906	2 191	2 026	1 789	5.6
1.01 to 1.50	1 817		5	26	486	795	278	149	78	5.0
1.51 or more	361	4	12	51	113	155	14	12	9	4.5
Lacking some or all plumbing facilities	197	19	10	19	82	38	20		9	4.1
0.50 or less	128		5	19	56	33	6		9	4.2
0.51 to 1.00	51	14	5		13	5	14			...
1.01 to 1.50	13				13					...
1.51 or more	5	5								...
<b>BEDROOMS</b>										
None and 1	1 395	41	106	676	409	122	20	21		3.3
2	8 176			213	4 391	2 669	682	121	100	4.4
3	10 411				348	4 845	3 109	1 338	771	5.5
4 or more	5 819					174	836	1 621	3 188	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	585		5	6	57	238	114	60	105	5.4
1960 to 1968	6 021	7	16	87	668	1 807	1 024	1 040	1 372	5.9
1950 to 1959	7 726		38	132	1 460	2 208	1 486	1 085	1 317	5.5
1949 or earlier	11 582	23	47	561	3 214	3 554	2 017	1 117	1 049	5.0
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	18 062	9	89	701	4 912	6 404	3 097	1 731	1 119	5.0
2 or more	7 552		14	28	488	1 297	1 498	1 639	2 588	6.8
None or also used by another household	309	22	7	29	123	71	34	5	18	4.3
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	22 893	18	42	520	4 466	6 983	4 187	3 084	3 593	5.4
Less than 1.5	8 806	5	17	139	1 704	2 723	1 662	1 195	1 361	5.4
1.5 to 1.9	5 166	4	5	60	901	1 507	968	774	947	5.6
2.0 to 2.9	4 618			86	687	1 422	885	727	811	5.6
3.0 or more	4 201	9	20	224	1 170	1 263	662	384	469	5.0
Not computed	102			11	4	68	10	4	5	5.0
<b>Renter occupied housing units</b>	11 338	533	818	3 227	3 579	1 806	715	378	282	3.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	10 499	124	677	3 118	3 386	1 791	708	398	297	3.9
<b>PERSONS</b>										
1 person	3 104	510	512	1 309	596	123	40	14		2.9
2 persons	3 452	15	249	1 318	1 208	445	109	67	41	3.6
3 persons	1 963	8	35	398	867	427	155	24	49	4.1
4 persons	1 448		18	135	592	415	152	87	49	4.5
5 persons	635		4	48	191	165	115	82	30	5.0
6 persons or more	736			19	125	231	144	104	113	5.5
Median	2.2	1.0	1.3	1.7	2.5	3.3	3.9	4.5	4.6	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	10 753	231	678	3 151	3 533	1 796	704	378	282	3.9
0.50 or less	4 572		399	1 272	1 782	562	304	105	148	3.8
0.51 to 1.00	5 277	208	229	1 681	1 447	1 003	336	244	129	3.9
1.01 to 1.50	694		35	131	275	172	58	18	5	4.2
1.51 or more	210	23	15	67	29	59	6	11		3.5
Lacking some or all plumbing facilities	585	302	140	76	46	10	11			1.5
0.50 or less	178		113	37	22	6				2.3
0.51 to 1.00	379	302	20	35	12	4	6			1.1
1.01 to 1.50	15			4	6		5			...
1.51 or more	13		7		6					...
<b>BEDROOMS</b>										
None	730	632	78	20						1.1
1	4 296		587	2 833	758	95	25			3.1
2	4 531			230	3 109	939	230	23		4.2
3 or more	1 773				21	663	514	321	254	5.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	286		11	20	180	50	18		7	4.1
1960 to 1968	1 969	46	115	396	864	324	91	60	73	4.0
1950 to 1959	1 822	15	99	403	683	317	143	94	68	4.1
1949 or earlier	7 261	472	593	2 408	1 852	1 115	463	224	134	3.6
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	10 031	216	663	3 150	3 329	1 716	607	242	108	3.8
2 or more	627		21	12	73	75	101	156	189	6.7
None or also used by another household	667	281	166	139	50	24	7			1.8
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	11 142	533	814	3 222	3 499	1 772	681	349	272	3.8
Less than 10 percent	1 039	49	131	351	291	162	11	25	19	3.5
10 to 14 percent	2 137	75	121	633	651	417	129	62	49	3.9
15 to 19 percent	1 896	62	76	453	649	337	201	44	74	4.1
20 to 24 percent	1 381	56	79	319	509	226	105	65	22	4.0
25 to 34 percent	1 429	100	89	448	424	170	92	56	50	3.7
35 percent or more	2 606	166	262	878	782	337	88	51	42	3.5
Not computed	654	25	56	140	193	123	55	46	16	4.0

<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-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	25 914	24 061	1 262	591	11 338	4 296	2 313	1 680	794	1 030	1 191	34
<b>ROOMS</b>												
1 room	30	18	-	12	533	41	11	24	78	90	289	-
2 rooms	106	42	10	54	818	72	106	133	155	166	181	5
3 rooms	786	534	143	109	3 227	550	747	601	366	469	475	19
4 rooms	5 399	4 640	490	269	3 579	1 334	975	703	143	251	163	10
5 rooms	7 807	7 323	349	135	1 806	1 163	330	176	24	40	73	-
6 rooms	4 641	4 498	131	12	715	582	86	21	12	4	10	-
7 rooms	3 302	3 247	55	-	378	303	47	6	12	10	-	-
8 rooms or more	3 843	3 759	84	-	282	251	11	16	4	-	-	-
Median	5.4	5.4	4.5	3.9	3.8	4.6	3.8	3.6	2.9	3.1	2.8	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	25 717	23 919	1 222	576	10 753	4 240	2 293	1 632	706	854	994	34
0.50 or less	11 775	10 674	764	337	4 572	1 477	941	698	379	495	562	20
0.51 to 1.00	11 764	11 111	430	223	5 277	2 228	1 193	841	255	325	421	14
1.01 to 1.50	1 817	1 778	23	16	694	409	126	68	46	34	11	-
1.51 or more	361	356	5	-	210	126	33	25	26	-	-	-
Lacking some or all plumbing facilities	197	142	40	15	585	56	20	48	88	176	197	-
0.50 or less	128	88	30	10	178	18	20	10	17	79	34	-
0.51 to 1.00	51	36	10	5	379	17	-	31	17	97	163	-
1.01 to 1.50	13	13	-	-	15	15	-	-	-	-	-	-
1.51 or more	5	5	-	-	13	6	-	7	-	-	-	-
<b>BEDROOMS</b>												
None	81	61	20	-	730	36	26	62	54	111	441	-
1	1 314	931	250	133	4 298	711	1 310	706	496	516	559	-
2	8 176	7 050	704	422	4 531	1 819	1 184	829	157	206	315	21
3	10 411	10 119	220	72	1 305	1 059	180	66	-	-	-	-
4 or more	5 819	5 782	37	-	468	468	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	585	477	19	89	286	60	46	48	17	36	79	-
1965 to 1968	2 135	1 838	98	199	986	162	181	239	28	83	289	4
1960 to 1964	3 886	3 638	105	143	983	324	263	164	56	90	86	-
1950 to 1959	7 726	7 400	206	120	1 822	912	503	221	65	46	55	20
1940 to 1949	4 352	4 066	270	16	2 021	896	482	331	123	116	73	-
1939 or earlier	7 230	6 642	564	24	5 240	1 942	838	677	505	659	609	10
<b>INCOME IN 1969</b>												
Less than \$2,000	1 710	1 495	147	68	2 125	570	332	287	254	285	383	14
\$2,000 to \$2,999	963	820	98	45	917	255	212	101	99	100	150	-
\$3,000 to \$3,999	1 016	873	104	39	841	316	169	122	83	74	77	-
\$4,000 to \$4,999	957	844	59	54	882	294	179	161	50	101	93	4
\$5,000 to \$5,999	1 088	991	78	19	890	312	172	208	57	67	69	5
\$6,000 to \$6,999	1 354	1 191	87	76	886	364	220	150	45	44	63	-
\$7,000 to \$9,999	5 154	4 769	249	136	2 563	1 101	606	341	105	189	210	11
\$10,000 to \$14,999	7 645	7 311	254	80	1 618	812	303	249	74	108	72	-
\$15,000 to \$24,999	5 081	4 850	157	74	547	228	120	61	21	52	65	-
\$25,000 or more	946	917	29	-	69	44	-	-	6	10	9	-
Median	\$10 500	\$10 700	\$7 700	\$6 900	\$6 000	\$7 100	\$6 400	\$5 800	\$3 500	\$4 600	\$3 800	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 712	2 314	175	223	6 072	2 211	1 225	961	457	599	592	27
1968	1 970	1 768	106	96	1 743	632	342	281	106	127	255	-
1967	1 604	1 484	63	57	777	363	162	115	39	52	46	-
1965 and 1966	2 743	2 548	99	96	1 096	465	219	147	62	126	70	7
1960 to 1964	4 925	4 649	199	77	846	345	124	82	62	100	127	6
1950 to 1959	7 005	6 663	324	18	453	177	61	63	51	73	28	-
1949 or earlier	4 964	4 630	334	-	338	181	34	30	35	19	39	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	11 142	4 100	2 313	1 680	794	1 030	1 191	34
Less than \$50	...	...	...	...	925	72	45	102	194	229	278	5
\$50 to \$59	...	...	...	...	609	107	140	98	86	74	99	5
\$60 to \$69	...	...	...	...	920	205	233	194	86	123	79	-
\$70 to \$79	...	...	...	...	1 111	293	216	184	134	142	137	5
\$80 to \$99	...	...	...	...	2 275	793	609	400	144	191	125	13
\$100 to \$119	...	...	...	...	1 696	778	397	273	36	63	143	6
\$120 to \$149	...	...	...	...	1 948	836	465	316	55	115	161	-
\$150 to \$199	...	...	...	...	984	578	157	75	18	49	107	-
\$200 to \$299	...	...	...	...	227	139	12	11	12	12	41	-
\$300 or more	...	...	...	...	16	12	-	4	-	-	-	-
No cash rent	...	...	...	...	431	287	39	23	29	32	21	-
Median	...	...	...	...	\$95	\$111	\$96	\$91	\$71	\$75	\$79	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water	655	553	102	-	1 857	128	105	219	258	530	617	-
Warm-air furnace	21 713	20 281	990	442	6 204	2 641	1 534	987	330	316	385	11
Built-in electric units	369	349	20	-	291	96	74	55	11	6	49	-
Floor, wall, or pipeless furnace	989	902	37	50	787	377	152	108	48	43	59	-
Other means	2 183	1 971	113	99	2 199	1 054	448	311	147	135	81	23
None	5	5	-	-	-	-	-	-	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	5 235	4 684	310	241	1 248	463	232	160	36	156	187	14
Central system	2 156	1 796	37	189	922	135	80	115	77	154	354	7
None	18 532	17 576	819	137	9 155	3 776	1 855	1 404	699	786	616	19
<b>AUTOMOBILES AVAILABLE</b>												
1	10 499	9 515	631	353	6 062	2 226	1 314	961	452	542	547	20
2	10 545	9 962	430	153	2 737	1 371	522	469	64	194	110	7
3 or more	3 252	3 138	91	23	441	221	101	35	27	26	31	-
None	1 627	1 441	148	38	2 085	556	230	214	269	334	469	13

<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>	25 914	731	3 661	4 968	8 870	2 847	439	156	1 230	343	1 155	1 514
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	25 717	726	3 651	4 964	8 834	2 814	439	156	1 203	343	1 132	1 455
0.50 or less	11 775	263	584	664	4 195	2 302	219	119	591	258	1 125	1 455
0.51 to 1.00	11 764	446	2 651	3 331	4 027	477	183	37	524	81	7	-
1.01 to 1.50	1 817	12	370	806	498	35	21	-	75	-	-	-
1.51 or more	361	5	46	163	114	-	16	-	13	4	-	-
Lacking some or all plumbing facilities	197	5	10	4	36	33	-	-	27	-	23	59
0.50 or less	128	5	-	-	26	25	-	-	4	-	9	59
0.51 to 1.00	51	-	5	-	10	8	-	-	14	-	14	-
1.01 to 1.50	13	-	-	4	-	-	-	-	9	-	-	-
1.51 or more	5	-	5	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	24 061	554	3 527	4 818	8 381	2 534	385	138	1 177	318	958	1 271
2 or more	1 262	89	82	100	353	249	24	18	38	25	110	179
Mobile home or trailer	591	88	52	50	136	64	30	-	15	-	87	69
<b>INCOME IN 1969</b>												
Less than \$2,000	1 710	29	10	81	97	157	15	14	159	82	277	789
\$2,000 to \$2,999	963	26	10	26	38	237	6	30	66	31	156	335
\$3,000 to \$3,999	1 016	24	34	28	92	367	27	4	117	28	119	176
\$4,000 to \$4,999	957	54	67	30	90	370	11	24	93	20	116	82
\$5,000 to \$5,999	1 088	25	122	68	197	381	23	7	114	4	103	44
\$6,000 to \$6,999	1 354	133	249	127	246	203	47	4	160	11	139	35
\$7,000 to \$9,999	5 154	254	1 248	1 022	1 491	474	109	30	275	64	167	20
\$10,000 to \$14,999	7 645	163	1 482	2 057	3 040	391	136	33	176	65	69	33
\$15,000 to \$24,999	5 081	17	384	1 300	3 008	216	39	10	64	38	5	-
\$25,000 or more	946	4	55	229	571	51	26	-	6	-	4	-
Median	\$10 500	\$7 900	\$10 300	\$12 700	\$13 600	\$5 800	\$9 500	\$5 900	\$6 400	\$6 600	\$4 200	\$2000-
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied	22 893	548	3 412	4 642	7 857	2 376	364	133	1 146	298	921	1 196
Less than 1.5	8 806	110	1 131	1 979	4 382	539	156	36	243	87	121	22
1.5 to 1.9	5 166	210	1 027	1 334	1 729	388	60	30	205	49	106	28
2.0 to 2.4	3 144	69	673	754	870	317	75	10	168	45	90	73
2.5 to 2.9	1 474	46	273	238	347	251	33	7	84	15	115	65
3.0 to 3.9	1 477	60	175	166	328	319	19	10	148	14	116	122
4.0 or more	2 724	53	133	166	195	556	21	40	258	88	347	867
Not computed	102	-	-	5	6	6	-	-	40	-	26	19
<b>Renter occupied housing units</b>	11 338	2 276	2 076	755	991	373	340	24	1 317	82	2 032	1 072
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	10 753	2 231	2 070	750	975	358	321	19	1 307	82	1 689	951
0.50 or less	4 572	582	335	96	361	211	121	10	386	38	1 566	866
0.51 to 1.00	5 277	1 564	1 436	471	515	144	175	9	716	39	123	85
1.01 to 1.50	694	63	248	153	68	3	20	-	134	5	-	-
1.51 or more	210	22	51	30	31	-	5	-	71	-	-	-
Lacking some or all plumbing facilities	585	45	6	5	16	15	19	5	10	-	343	121
0.50 or less	178	5	-	-	6	-	-	-	5	-	120	42
0.51 to 1.00	379	36	-	-	10	9	12	5	5	-	223	79
1.01 to 1.50	15	4	-	5	-	6	-	-	-	-	-	-
1.51 or more	13	-	6	-	-	-	7	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	4 296	714	1 085	530	543	175	126	14	587	27	303	192
2 to 4	3 993	1 132	763	129	262	120	140	-	539	38	615	255
5 to 19	1 024	323	164	86	80	39	58	10	107	17	656	284
20 or more	1 191	101	64	10	101	35	16	-	75	-	448	341
Mobile home or trailer	34	6	-	-	5	4	-	-	9	-	10	-
<b>GROSS RENT</b>												
Specified renter occupied	11 142	2 252	2 039	715	959	367	332	24	1 292	82	2 025	1 055
Less than \$50	925	45	15	20	16	32	18	-	34	5	487	253
\$50 to \$59	609	51	42	11	5	15	23	-	77	11	204	170
\$60 to \$69	920	139	76	14	103	30	44	5	107	7	280	115
\$70 to \$79	1 111	286	179	4	100	36	32	-	136	-	206	122
\$80 to \$99	2 275	744	407	112	107	92	52	4	235	21	336	167
\$100 to \$119	1 696	478	370	114	137	65	21	5	237	17	167	85
\$120 to \$149	1 948	370	495	211	196	31	85	5	269	5	223	63
\$150 to \$199	984	76	314	143	189	14	43	-	144	6	55	-
\$200 to \$299	227	-	50	60	4	-	14	-	29	-	27	11
\$300 or more	16	-	6	-	4	-	-	-	6	-	-	-
No cash rent	431	63	85	26	66	52	-	5	20	5	40	69
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied	11 142	2 252	2 039	715	959	367	332	24	1 292	82	2 025	1 055
Less than \$5,000	4 687	804	279	65	100	222	180	24	852	47	1 166	948
Less than 20 percent	383	56	16	-	7	17	21	-	29	5	167	65
20 to 24 percent	406	118	30	6	17	36	-	-	24	-	124	51
25 to 34 percent	944	231	73	14	5	56	39	9	122	5	218	172
35 percent or more	2 548	372	143	39	50	86	115	10	592	32	559	550
Not computed	406	27	17	6	21	27	5	5	5	-	98	110
\$5,000 to \$9,999	4 269	1 096	1 134	299	418	97	67	-	380	23	648	87
Less than 20 percent	2 745	765	656	169	284	67	25	-	191	11	477	74
20 to 24 percent	869	224	259	38	84	10	5	-	102	12	102	13
25 to 34 percent	463	57	168	69	30	5	11	-	12	-	5	-
35 percent or more	58	9	13	13	4	-	-	-	8	-	8	-
Not computed	134	41	36	10	16	15	-	-	8	-	8	-
\$10,000 to \$14,999	1 585	322	504	199	243	43	53	-	44	12	150	15
Less than 20 percent	1 395	315	417	174	199	38	48	-	38	12	139	15
20 to 24 percent	106	7	39	20	29	-	5	-	-	-	6	-
25 percent or more	22	-	11	5	-	-	-	-	6	-	-	-
Not computed	62	-	37	-	15	5	-	-	-	-	5	-
\$15,000 or more	601	30	122	152	198	5	12	-	16	-	61	5
Less than 20 percent	549	30	116	136	179	-	12	-	16	-	55	5
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	52	-	6	16	19	5	-	-	-	-	6	-

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

Table A-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>25 914</b>	<b>2 669</b>	<b>6 729</b>	<b>4 147</b>	<b>4 244</b>	<b>3 673</b>	<b>2 407</b>	<b>1 226</b>	<b>819</b>	<b>3.4</b>
<b>BEDROOMS</b>										
None and 1 .....	1 395	556	598	161	39	20	21	-	-	1.7
2 .....	8 176	1 762	3 530	1 243	926	418	236	21	40	2.2
3 .....	10 411	312	1 943	2 015	2 718	1 899	955	317	252	3.8
4 or more .....	5 819	111	449	661	766	1 295	956	1 034	547	5.2
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	585	24	107	144	118	109	47	21	15	3.6
1965 to 1968 .....	2 135	87	419	325	462	431	230	100	81	4.0
1960 to 1964 .....	3 886	123	604	509	858	750	547	294	201	4.3
1950 to 1959 .....	7 726	432	1 736	1 306	1 417	1 337	784	465	249	3.8
1940 to 1949 .....	4 352	507	1 283	865	669	457	341	120	110	2.9
1939 or earlier .....	7 230	1 496	2 580	998	720	589	458	226	163	2.3
<b>UNITS IN STRUCTURE</b>										
1 .....	24 061	2 229	5 961	3 869	4 054	3 571	2 352	1 216	809	3.5
2 or more .....	1 262	284	486	201	143	84	44	10	10	2.2
Mobile home or trailer .....	591	156	282	77	47	18	11	-	-	2.0
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	18 062	2 316	5 324	2 888	2 739	2 236	1 467	678	414	3.0
2 and 2 1/2 .....	6 695	173	1 273	1 120	1 342	1 247	855	390	295	4.1
3 or more .....	857	36	105	90	89	185	171	111	70	5.1
None or also used by another household .....	309	113	68	46	11	36	21	-	14	2.1
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>23 245</b>	...	<b>6 729</b>	<b>4 147</b>	<b>4 244</b>	<b>3 673</b>	<b>2 407</b>	<b>1 226</b>	<b>819</b>	<b>3.7</b>
Male head, wife present, no nonrelatives .....	21 077	...	5 697	3 695	3 963	3 449	2 324	1 172	777	3.8
Under 25 years .....	731	...	226	240	211	33	16	-	5	3.1
25 to 34 years .....	3 661	...	214	607	1 182	906	521	171	60	4.4
35 to 44 years .....	4 968	...	183	413	986	1 250	1 061	661	414	5.2
45 to 64 years .....	8 870	...	2 816	2 018	1 500	1 230	689	335	282	3.3
65 years and over .....	2 847	...	417	84	30	37	5	5	16	2.1
Other male head .....	595	...	324	99	64	43	24	15	26	2.4
Under 65 years .....	439	...	194	83	64	37	24	11	26	2.8
65 years and over .....	156	...	130	16	-	6	4	-	-	2.1
Female head .....	1 573	...	708	353	217	181	59	39	16	2.7
Under 65 years .....	1 230	...	447	290	208	171	59	39	16	3.1
65 years and over .....	343	...	261	63	9	10	-	-	-	2.2
<b>One-person households</b> .....	<b>2 669</b>	<b>2 669</b>	...	...	...	...	...	...	...	<b>1.8</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>22 893</b>	<b>2 117</b>	<b>5 629</b>	<b>3 676</b>	<b>3 887</b>	<b>3 417</b>	<b>2 260</b>	<b>1 151</b>	<b>756</b>	<b>3.5</b>
Less than 1.5 .....	8 806	143	1 879	1 709	1 693	1 518	1 009	505	350	3.9
1.5 to 1.9 .....	5 166	134	1 118	834	1 141	853	613	312	161	3.9
2.0 to 2.4 .....	3 144	163	719	511	520	514	378	200	139	3.8
2.5 to 2.9 .....	1 474	180	445	217	239	225	92	41	35	3.0
3.0 to 3.9 .....	1 477	238	535	214	162	157	87	40	44	2.4
4.0 or more .....	2 724	1 214	915	186	122	135	76	49	27	1.7
Not computed .....	102	45	18	5	10	15	5	4	-	1.8
<b>Renter occupied housing units</b> .....	<b>11 338</b>	<b>3 104</b>	<b>3 452</b>	<b>1 963</b>	<b>1 448</b>	<b>635</b>	<b>381</b>	<b>188</b>	<b>167</b>	<b>2.2</b>
<b>BEDROOMS</b>										
None .....	730	632	98	-	-	-	-	-	-	1.1
1 .....	4 298	1 533	1 922	546	177	101	-	19	-	1.8
2 .....	4 531	775	1 356	1 210	657	290	161	41	41	2.6
3 or more .....	1 773	50	202	242	399	326	349	105	100	4.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	286	26	127	47	61	18	-	7	-	2.4
1965 to 1968 .....	986	276	360	171	115	44	13	-	7	2.1
1960 to 1964 .....	683	186	301	183	160	63	61	24	5	2.5
1950 to 1959 .....	1 822	232	575	464	300	129	91	-	31	2.7
1940 to 1949 .....	2 021	370	657	454	278	125	65	43	29	2.5
1939 or earlier .....	5 240	2 014	1 432	644	534	256	151	114	95	1.9
<b>UNITS IN STRUCTURE</b>										
1 .....	4 296	495	1 033	953	760	460	321	133	141	3.2
2 .....	2 318	444	881	484	333	98	38	25	10	2.3
3 and 4 .....	1 680	426	684	328	169	29	16	18	10	2.1
5 to 9 .....	794	411	203	72	67	17	6	12	6	1.5
10 to 19 .....	1 030	529	354	56	72	19	-	-	-	1.5
20 or more .....	1 191	789	273	70	47	12	-	-	-	1.3
Mobile home or trailer .....	34	10	24	-	-	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	10 031	2 593	3 219	1 854	1 335	514	264	115	137	2.3
2 or more .....	627	32	103	113	130	97	43	72	37	4.0
None or also used by another household .....	667	490	100	11	34	5	12	15	-	1.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>8 234</b>	...	<b>3 452</b>	<b>1 963</b>	<b>1 448</b>	<b>635</b>	<b>381</b>	<b>188</b>	<b>167</b>	<b>2.8</b>
Male head, wife present, no nonrelatives .....	6 471	...	2 599	1 604	1 175	491	323	153	126	2.9
Under 25 years .....	2 276	...	1 237	702	275	45	5	6	6	2.4
25 to 34 years .....	2 076	...	478	567	536	291	131	44	29	3.5
35 to 44 years .....	755	...	75	106	206	94	135	74	65	4.5
45 to 64 years .....	991	...	487	200	146	57	46	29	26	2.5
65 years and over .....	373	...	322	29	12	4	6	-	-	2.1
Other male head .....	364	...	234	51	51	15	-	-	-	1.3
Under 65 years .....	340	...	219	51	47	10	-	-	-	2.3
65 years and over .....	24	...	15	-	-	-	-	-	-	...
Female head .....	1 399	...	619	308	222	129	58	35	28	2.8
Under 65 years .....	1 317	...	570	275	222	129	58	35	28	2.8
65 years and over .....	82	...	49	33	-	-	-	-	-	...
<b>One-person households</b> .....	<b>3 104</b>	<b>3 104</b>	...	...	...	...	...	...	...	<b>1.6</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>11 142</b>	<b>3 080</b>	<b>3 404</b>	<b>1 928</b>	<b>1 411</b>	<b>617</b>	<b>359</b>	<b>180</b>	<b>153</b>	<b>2.2</b>
Less than 10 percent .....	1 039	298	352	137	136	35	50	17	14	2.1
10 to 14 percent .....	2 137	375	777	450	309	99	79	36	12	2.4
15 to 19 percent .....	1 896	324	602	331	327	173	76	29	34	2.6
20 to 24 percent .....	1 381	296	426	286	205	71	22	28	38	2.2
25 to 34 percent .....	1 429	446	391	272	157	70	27	28	30	1.8
35 percent or more .....	2 606	1 114	695	326	224	136	53	30	28	2.1
Not computed .....	654	227	161	136	53	33	21	18	5	...

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

**Table A-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> .....	92	47	16	29	<b>Vacant for rent</b> .....	884	603	226	55
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	—	—	—	—	1 room .....	42	38	—	4
4 rooms .....	17	5	—	12	2 rooms .....	105	80	23	2
5 rooms .....	23	16	7	—	3 rooms .....	377	246	99	32
6 rooms .....	18	10	—	8	4 rooms .....	223	147	63	13
7 rooms or more .....	34	16	9	9	5 rooms .....	80	60	20	—
					6 rooms .....	26	5	17	4
					7 rooms or more .....	31	27	4	—
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	92	47	16	29	With all plumbing facilities .....	827	555	222	50
Lacking some or all plumbing facilities .....	—	—	—	—	Lacking some or all plumbing facilities .....	57	48	4	5
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	—	—	—	—	None .....	69	69	—	—
2 .....	33	—	18	15	1 .....	531	346	163	22
3 .....	81	66	15	—	2 .....	190	190	—	—
4 or more .....	87	15	23	49	3 or more .....	46	46	—	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	18	18	—	—	1969 to March 1970 .....	22	18	4	—
1960 to 1968 .....	15	12	3	—	1960 to 1968 .....	133	110	19	4
1950 to 1959 .....	3	3	—	—	1950 to 1959 .....	60	41	13	6
1949 or earlier .....	56	14	13	29	1949 or earlier .....	669	434	190	45
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	92	47	16	29	1 .....	235	140	80	15
2 or more .....	—	—	—	—	2 to 4 .....	316	212	84	20
					5 to 9 .....	119	78	25	16
					10 to 19 .....	130	106	20	4
					20 or more .....	84	67	17	—
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	3	3	—	—	<b>Specified vacant for rent?</b> .....	870	603	219	48
Warm-air furnace .....	86	41	16	29	Less than \$50 .....	142	100	34	8
Built-in electric units .....	—	—	—	—	\$50 to \$59 .....	131	86	37	8
Floor, wall, or pipeless furnace .....	—	—	—	—	\$60 to \$79 .....	303	181	106	16
Other means .....	3	3	—	—	\$80 to \$99 .....	136	100	20	16
None .....	—	—	—	—	\$100 to \$119 .....	52	40	12	—
					\$120 to \$149 .....	85	75	10	—
<b>SALES PRICE ASKED</b>					\$150 to \$199 .....	17	17	—	—
<b>Specified vacant for sale?</b> .....	90	47	14	29	\$200 or more .....	4	4	—	—
Less than \$5,000 .....	—	—	—	—	Median rent asked .....	\$71	\$73	\$67	...
\$5,000 to \$9,999 .....	16	—	4	12					
\$10,000 to \$14,999 .....	20	8	4	8					
\$15,000 to \$19,999 .....	25	19	—	6					
\$20,000 to \$24,999 .....	18	15	3	3					
\$25,000 to \$34,999 .....	11	5	3	3					
\$35,000 to \$49,999 .....	—	—	—	—					
\$50,000 or more .....	—	—	—	—					
Median price asked .....	...	...	...	...					

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

**Table 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> .....	90	16	20	25	18	11	—	870	273	303	136	137	17	4
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	178	14	47	65	19	33	—	743	291	218	60	139	35	—
Lacking some or all plumbing facilities .....	—	—	—	—	—	—	—	71	71	—	—	—	—	—
<b>BEDROOMS</b>														
None and 1 .....	—	—	—	—	—	—	—	578	347	185	28	18	—	—
2 .....	33	—	33	—	—	—	—	190	15	18	32	90	35	—
3 .....	81	—	14	33	19	15	—	46	—	15	—	31	—	—
4 or more .....	64	14	—	32	—	18	—	—	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	18	—	—	7	11	—	—	22	—	—	—	18	4	—
1960 to 1968 .....	15	—	3	—	4	8	—	133	21	30	12	53	13	4
1950 to 1959 .....	3	—	—	3	—	—	—	58	3	13	16	26	—	—
1949 or earlier .....	54	16	17	15	3	3	—	657	249	260	108	40	—	—
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	221	62	82	28	46	3	—
2 to 4 .....	...	...	...	...	...	...	...	316	74	123	68	47	4	—
5 to 19 .....	...	...	...	...	...	...	...	249	102	85	29	19	10	4
20 or more .....	...	...	...	...	...	...	...	84	35	13	11	25	—	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	280	88	75	61	39	13	4
Some or no utilities included .....	...	...	...	...	...	...	...	590	185	228	75	98	4	—

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

Table B-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)

Ogden	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>12 489</b>	<b>183</b>	<b>613</b>	<b>1 091</b>	<b>1 985</b>	<b>2 190</b>	<b>3 488</b>	<b>1 351</b>	<b>981</b>	<b>452</b>	<b>155</b>	<b>15 200</b>
<b>ROOMS</b>												
1 and 2 rooms	35	9	5	6	-	5	10	-	-	-	-	...
3 rooms	399	42	90	84	87	59	16	11	6	-	4	9 500
4 rooms	2 637	56	251	371	620	512	675	76	61	10	5	12 600
5 rooms	3 892	61	172	393	750	957	1 056	338	139	21	5	14 000
6 rooms	2 376	9	62	168	366	384	754	346	178	93	16	16 200
7 rooms	1 409	-	22	40	91	174	499	265	226	77	15	18 700
8 rooms or more	1 741	6	11	29	71	99	478	315	371	251	110	22 800
Median	5.3	4.2	4.3	4.7	4.9	5.0	5.5	6.2	7.0	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	1 568	45	168	244	388	283	313	79	20	23	5	12 100
2 persons	3 652	76	208	362	621	614	1 043	388	208	87	45	14 800
3 persons	2 136	27	96	157	296	437	618	207	207	71	20	15 400
4 persons	1 849	9	53	87	294	333	582	248	168	57	18	16 000
5 persons	1 493	6	17	96	151	243	474	205	155	121	25	17 100
6 persons or more	1 791	20	71	145	235	280	458	224	223	93	42	16 500
Median	3.0	2.1	2.2	2.3	2.5	3.0	3.1	3.5	3.8	4.3	3.9	...
Units with roomers, boarders, or lodgers	182	5	4	29	33	30	52	19	4	6	-	14 200
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>12 417</b>	<b>166</b>	<b>613</b>	<b>1 077</b>	<b>1 985</b>	<b>2 179</b>	<b>3 463</b>	<b>1 351</b>	<b>981</b>	<b>447</b>	<b>155</b>	<b>15 200</b>
0.50 or less	6 382	89	352	614	1 118	981	1 694	673	473	289	99	15 100
0.51 to 1.00	5 107	53	208	335	662	933	1 588	628	496	148	56	16 000
1.01 to 1.50	723	20	36	74	133	246	155	37	12	10	-	13 500
1.51 or more	205	4	17	54	72	19	26	13	-	-	-	11 000
<b>Lacking some or all plumbing facilities</b>	<b>72</b>	<b>17</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>11</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>...</b>
0.50 or less	45	8	-	5	-	11	16	-	-	5	-	...
0.51 to 1.00	13	9	-	-	-	-	4	-	-	-	-	...
1.01 to 1.50	9	-	-	9	-	-	-	-	-	-	-	...
1.51 or more	5	-	-	-	-	-	5	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	779	61	80	176	250	89	103	-	-	-	20	10 700
2	4 540	73	442	508	1 125	964	1 111	153	123	41	-	12 800
3	5 011	38	150	337	656	867	1 747	706	261	229	20	16 200
4 or more	2 388	-	-	16	118	240	669	569	440	294	42	21 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	131	-	-	-	-	8	44	10	46	19	4	25 800
1965 to 1968	381	6	-	4	5	15	54	74	119	80	24	27 700
1960 to 1964	1 228	5	10	9	68	221	354	273	176	77	35	19 300
1950 to 1959	3 640	14	9	62	248	570	1 400	616	457	219	45	18 200
1940 to 1949	2 343	32	109	147	391	585	655	258	90	38	38	14 600
1939 or earlier	4 766	126	485	869	1 273	791	981	120	93	19	9	11 800
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	8 923	186	550	1 081	1 805	1 955	2 399	665	233	44	5	13 600
2 and 2 1/2	3 020	-	12	38	119	238	993	615	656	263	86	20 900
3 or more	364	-	-	-	-	11	15	28	123	94	93	35 800
None or also used by another household	103	10	23	17	7	14	25	-	-	7	-	...
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>10 921</b>	<b>138</b>	<b>445</b>	<b>847</b>	<b>1 597</b>	<b>1 907</b>	<b>3 175</b>	<b>1 272</b>	<b>961</b>	<b>429</b>	<b>150</b>	<b>15 700</b>
Male head, wife present, no nonrelatives	9 690	85	321	684	1 378	1 723	2 839	1 184	928	403	145	15 900
Under 25 years	350	-	5	25	90	107	94	20	5	4	-	13 800
25 to 34 years	1 404	5	44	88	199	354	476	100	108	20	10	15 100
35 to 44 years	1 959	22	34	114	204	282	593	352	227	99	32	17 600
45 to 64 years	4 255	34	132	242	561	680	1 233	532	497	266	78	16 600
65 years and over	1 722	24	106	215	324	300	443	180	91	14	25	14 100
Other male head	299	4	40	45	67	75	67	23	11	-	5	13 700
Under 65 years	200	-	32	29	39	36	36	17	11	-	-	12 500
65 years and over	99	4	8	-	6	39	6	6	-	-	5	...
Female head	932	49	84	134	174	117	261	65	22	26	-	13 000
Under 65 years	694	27	60	92	139	85	203	40	22	26	-	13 400
65 years and over	238	22	24	42	35	32	58	25	-	-	-	12 200
<b>One-person households</b>	<b>1 568</b>	<b>45</b>	<b>168</b>	<b>244</b>	<b>388</b>	<b>283</b>	<b>313</b>	<b>79</b>	<b>20</b>	<b>23</b>	<b>5</b>	<b>12 100</b>
Under 65 years	634	19	47	97	142	155	109	49	5	6	5	12 700
65 years and over	934	26	121	147	246	128	204	30	15	17	-	11 800
<b>INCOME IN 1969</b>												
Less than \$2,000	1 007	59	152	145	198	140	185	78	23	22	5	11 900
\$2,000 to \$2,999	563	21	43	141	118	92	111	22	15	-	-	11 600
\$3,000 to \$3,999	562	16	84	82	167	87	81	21	14	10	-	11 500
\$4,000 to \$4,999	584	8	57	85	97	119	148	46	5	8	11	13 400
\$5,000 to \$5,999	586	9	35	62	126	134	164	36	15	5	-	13 600
\$6,000 to \$6,999	710	19	56	81	151	139	213	19	21	11	-	13 400
\$7,000 to \$9,999	2 463	34	101	245	495	575	733	154	93	23	10	14 100
\$10,000 to \$14,999	3 333	11	65	181	450	662	1 128	417	315	74	30	16 100
\$15,000 to \$24,999	2 214	6	20	8	169	229	690	486	350	164	39	19 500
\$25,000 or more	467	-	-	8	14	13	35	72	130	135	60	32 000
Median	\$9 700	\$3 700	\$4 500	\$6 400	\$7 800	\$9 000	\$10 500	\$13 600	\$14 800	\$19 500	\$20 500	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 090	10	28	74	139	283	261	125	117	34	19	15 100
1968	800	13	47	35	90	178	201	99	61	53	23	15 800
1967	710	12	23	46	127	135	201	26	109	15	16	15 200
1965 and 1966	1 191	8	33	118	175	178	370	150	103	56	-	15 800
1960 to 1964	2 131	13	53	97	152	238	614	358	253	77	66	17 400
1950 to 1959	3 663	64	151	273	534	678	1 116	387	276	157	27	15 500
1949 or earlier	2 825	76	206	438	628	503	669	163	93	16	33	12 800
<b>HEATING EQUIPMENT</b>												
Steam or hot water	340	-	6	27	28	61	118	32	40	12	16	16 500
Warm-air furnace	10 224	54	254	691	1 531	1 904	3 078	1 249	894	435	134	15 900
Built-in electric units	83	5	13	15	5	22	10	13	-	-	-	...
Floor, wall, or pipeless furnace	653	56	83	186	187	70	49	17	5	-	-	10 000
Other means	1 189	68	270	174	224	150	221	43	29	5	5	10 900
None	-	-	-	-	-	-	-	-	-	-	-	...
<b>AIR CONDITIONING</b>												
Room units	2 714	26	71	225	387	598	752	377	196	47	35	15 300
Central system	880	-	12	7	61	108	155	143	136	169	89	23 400
None	8 816	170	502	904	1 483	1 512	2 525	788	680	192	60	14 700

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

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

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

Ogden	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>8 627</b>	<b>887</b>	<b>547</b>	<b>816</b>	<b>957</b>	<b>2 007</b>	<b>1 249</b>	<b>1 209</b>	<b>563</b>	<b>103</b>	<b>10</b>	<b>279</b>	<b>89</b>
<b>ROOMS</b>													
1 room	519	382	37	14	12	52	11	5	-	-	-	6	50-
2 rooms	754	258	91	115	82	76	63	38	5	-	-	26	61
3 rooms	2 918	191	306	488	546	863	315	160	5	9	-	35	78
4 rooms	2 433	50	107	149	222	633	475	487	188	27	-	95	100
5 rooms	1 233	6	6	36	80	289	253	297	171	23	4	68	113
6 rooms	441	-	-	6	11	77	90	116	94	33	-	25	128
7 rooms	190	-	-	4	4	17	27	57	51	5	6	14	136
8 rooms or more	139	-	-	-	-	-	15	49	49	6	6	10	148
Median	3.5	1.7	3.0	3.1	3.2	3.5	4.0	4.3	5.0	5.2	...	4.3	...
<b>PERSONS</b>													
1 person	2 752	732	347	376	292	475	218	196	18	33	-	65	67
2 persons	2 715	113	126	274	421	798	375	341	170	18	-	79	89
3 persons	1 378	18	29	87	138	392	300	273	61	11	-	69	100
4 persons	910	20	14	41	52	201	186	179	151	24	4	38	112
5 persons	418	4	8	26	13	63	97	102	83	17	-	5	119
6 persons or more	454	-	23	12	41	78	73	118	80	-	6	23	117
Median	2.1	1.1	1.3	1.6	1.9	2.2	2.6	2.7	3.7	2.5	...	2.4	...
Units with roomers, boarders, or lodgers	290	12	5	45	29	63	37	44	23	21	6	5	93
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>8 060</b>	<b>427</b>	<b>494</b>	<b>800</b>	<b>944</b>	<b>2 001</b>	<b>1 243</b>	<b>1 204</b>	<b>563</b>	<b>103</b>	<b>6</b>	<b>273</b>	<b>91</b>
0.50 or less	3 581	252	319	428	399	808	500	502	199	62	-	112	88
0.51 to 1.00	3 821	168	130	310	470	1 028	614	607	318	31	6	139	94
1.01 to 1.50	500	7	26	39	64	121	87	83	41	10	-	22	96
1.51 or more	158	-	19	23	13	44	42	12	5	-	-	-	94
<b>Lacking some or all plumbing facilities</b>	<b>567</b>	<b>460</b>	<b>53</b>	<b>16</b>	<b>11</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>6</b>	<b>50-</b>
0.50 or less	172	124	32	11	5	-	-	-	-	-	-	-	50-
0.51 to 1.00	379	325	21	5	6	6	6	-	-	-	4	6	50-
1.01 to 1.50	9	4	-	-	-	-	-	5	-	-	-	-	...
1.51 or more	7	7	-	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>													
None	679	473	65	16	24	57	24	-	-	-	-	20	50-
1	3 935	285	438	549	744	1 174	366	232	60	-	-	87	79
2	2 999	24	74	192	224	697	582	890	235	21	-	60	109
3 or more	1 074	-	-	45	21	152	208	378	167	24	-	79	126
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	181	-	-	5	-	6	-	51	91	22	-	6	164
1965 to 1968	543	12	6	-	-	77	161	187	81	9	-	10	122
1960 to 1964	612	-	5	9	10	74	137	238	100	18	6	15	128
1950 to 1959	1 175	29	33	94	106	317	203	193	143	20	-	37	99
1940 to 1949	1 551	62	83	134	209	441	288	203	64	12	4	51	91
1939 or earlier	4 565	784	420	574	632	1 092	460	337	84	22	-	160	77
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	370	63	-	-	44	82	82	41	16	21	-	21	...
With elevator	272	43	-	-	24	61	82	20	-	21	-	21	...
Walk-up	98	20	-	-	20	21	-	21	16	-	-	-	...
1 to 3 floors	8 317	719	577	802	969	1 998	1 098	1 459	446	24	-	225	88
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	7 622	411	482	769	891	1 947	1 258	1 018	515	69	-	262	91
2 or more	348	8	-	8	6	12	10	125	98	51	7	23	148
None or also used by another household	640	487	57	34	13	30	7	7	-	-	5	-	50-
<b>INCOME IN 1969</b>													
Less than \$2,000	1 869	493	248	228	165	352	154	109	47	28	-	45	68
\$2,000 to \$2,999	797	107	104	52	165	177	75	71	16	-	-	30	77
\$3,000 to \$3,999	717	57	58	78	95	205	97	80	21	6	-	20	85
\$4,000 to \$4,999	728	25	70	120	173	117	84	35	15	-	-	17	86
\$5,000 to \$5,999	668	33	30	71	78	216	124	44	45	5	-	22	91
\$6,000 to \$6,999	608	34	35	71	73	172	95	85	24	5	4	10	88
\$7,000 to \$9,999	1 796	57	27	171	153	463	368	397	106	4	-	50	100
\$10,000 to \$14,999	1 036	28	10	66	98	202	171	229	152	23	-	57	110
\$15,000 to \$24,999	355	6	10	9	10	41	48	100	101	17	-	13	134
\$25,000 or more	53	-	-	-	-	6	-	10	16	-	6	15	...
Median	\$5 300	\$2 000-	\$2 200	\$4 700	\$4 400	\$5 400	\$6 600	\$8 000	\$9 600	\$5 500	...	\$6 600	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	4 542	444	260	331	463	1 149	617	643	474	82	7	72	92
1968	1 318	94	59	117	145	312	274	164	76	13	-	64	93
1967	528	73	27	60	48	100	88	73	27	-	-	32	87
1965 and 1966	893	73	47	106	104	207	124	174	22	9	-	27	89
1960 to 1964	496	117	52	72	72	136	98	65	9	16	-	34	73
1950 to 1959	410	65	70	40	50	61	55	25	5	-	5	5	77
1949 or earlier	223	40	24	26	28	24	19	6	-	-	-	56	68
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	845	164	51	165	128	168	73	69	21	-	6	...	73
10 to 14 percent	1 613	135	66	207	182	476	221	202	124	-	-	...	87
15 to 19 percent	1 349	55	35	96	140	315	294	292	105	17	-	...	102
20 to 24 percent	989	42	69	58	101	252	160	202	82	23	-	...	98
25 to 34 percent	1 114	192	96	46	141	228	184	140	83	4	-	...	86
35 percent or more	2 249	276	199	214	250	511	312	286	143	54	4	...	87
Not computed	468	23	31	30	15	57	5	18	5	5	-	279	77
<b>AIR CONDITIONING</b>													
Room unit(s)	903	31	45	48	77	183	235	176	45	14	7	42	104
Central system	708	31	6	13	29	57	91	208	185	55	-	33	136
None	6 999	844	488	750	804	1 749	949	766	383	51	5	210	85

<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]

Ogden	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>13 935</b>	<b>1 159</b>	<b>664</b>	<b>668</b>	<b>664</b>	<b>689</b>	<b>830</b>	<b>2 749</b>	<b>3 587</b>	<b>2 405</b>	<b>520</b>	<b>9 500</b>
<b>ROOMS</b>												
1 and 2 rooms	75	15	14	-	18	5	12	-	11	-	-	...
3 rooms	560	136	79	65	25	43	33	101	69	5	4	4 000
4 rooms	3 112	356	243	266	195	194	201	730	679	239	9	7 400
5 rooms	4 276	377	205	219	229	250	330	908	1 198	510	50	8 700
6 rooms	2 571	165	79	61	131	107	133	556	708	531	100	10 400
7 rooms or more	3 341	110	44	57	66	90	121	454	922	1 120	357	14 000
<b>PERSONS</b>												
1 person	1 914	764	352	219	168	125	109	116	56	5	-	2 500
2 persons	4 181	229	255	318	321	329	308	848	980	504	89	8 200
3 and 4 persons	4 321	106	31	97	139	145	234	996	1 413	985	175	11 500
5 persons	1 616	33	5	20	16	45	81	321	564	423	108	12 500
6 persons or more	1 903	27	21	14	20	45	98	468	574	488	148	12 300
Units with roomers, boarders, or lodgers	218	26	15	-	4	9	47	43	38	30	6	7 600
<b>BEDROOMS</b>												
Less than 3	6 264	825	595	748	460	490	425	1 104	1 060	501	56	6 000
3	5 301	203	81	98	299	178	243	1 190	1 723	1 007	279	11 000
4 or more	2 475	64	-	-	42	66	76	430	639	937	221	14 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	182	10	-	5	4	5	30	14	72	42	-	11 600
1960 to 1968	1 839	96	34	27	53	59	81	340	568	491	90	12 000
1950 to 1959	3 876	125	65	79	131	140	197	726	1 159	968	286	12 000
1949 or earlier	8 038	928	565	557	476	485	522	1 669	1 788	904	144	7 900
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 360	55	38	35	94	99	170	295	427	129	18	8 900
1968	930	35	20	30	7	20	47	352	215	157	47	9 600
1960 to 1967	4 467	235	133	129	160	163	229	999	1 309	931	179	10 700
1959 or earlier	7 178	865	463	406	369	395	419	1 140	1 667	1 197	257	8 800
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	11 441	617	444	505	543	551	578	2 414	3 121	2 150	518	10 100
Clothes dryer	7 991	168	188	263	321	303	338	1 444	2 572	1 912	482	11 900
Dishwasher	3 552	80	103	45	20	132	45	609	991	1 139	388	13 700
Home food freezer	5 235	183	159	168	122	119	187	1 077	1 552	1 552	311	11 200
Owned second home	538	-	20	43	-	16	20	40	142	149	108	14 600
With air conditioning	4 282	242	144	167	179	126	334	837	1 039	945	269	10 500
Room unit(s)	3 150	167	103	120	146	96	296	695	779	635	113	9 800
Central system	1 132	75	41	47	33	30	38	142	260	310	156	13 100
Automobiles available:												
1	5 964	494	348	400	459	477	529	1 489	1 264	451	53	7 600
2	5 119	139	38	65	111	107	272	1 075	1 835	1 247	230	12 100
3 or more	1 620	7	7	16	14	30	32	133	460	710	211	16 600
<b>Renter occupied housing units</b>	<b>8 657</b>	<b>1 883</b>	<b>802</b>	<b>723</b>	<b>728</b>	<b>668</b>	<b>608</b>	<b>1 796</b>	<b>1 036</b>	<b>360</b>	<b>53</b>	<b>5 300</b>
<b>ROOMS</b>												
1 room	519	275	98	44	35	19	21	10	5	12	-	2000-
2 rooms	754	268	73	78	50	42	55	102	86	-	-	3 500
3 rooms	2 923	743	331	262	291	261	199	531	227	72	6	4 400
4 rooms	2 442	388	186	190	231	195	208	580	328	122	14	6 100
5 rooms	1 233	135	79	87	100	91	76	351	218	87	9	7 400
6 rooms or more	786	74	35	62	21	60	49	222	172	67	24	8 200
<b>PERSONS</b>												
1 person	2 752	1 171	358	214	199	116	116	369	149	56	4	2 600
2 persons	2 720	378	215	237	314	243	205	642	386	90	10	5 900
3 and 4 persons	2 293	223	162	181	176	220	208	582	353	155	33	6 900
5 persons	427	76	47	33	5	55	52	78	41	-	-	6 300
6 persons or more	465	35	20	58	34	34	27	125	80	18	6	7 100
Units with roomers, boarders, or lodgers	290	99	41	58	37	-	17	25	7	-	6	3 100
<b>BEDROOMS</b>												
None	679	412	119	40	-	24	64	-	20	-	-	2000-
1	3 935	972	553	280	454	336	256	694	241	124	25	4 400
2	2 999	512	214	220	244	289	273	714	361	132	40	6 100
3 or more	1 074	66	66	101	43	125	78	248	265	82	-	7 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	181	43	4	-	22	4	-	38	42	28	-	8 400
1960 to 1968	1 155	141	68	61	94	70	92	318	176	115	20	7 500
1950 to 1959	1 175	138	92	88	103	123	77	298	184	62	10	6 600
1949 or earlier	6 146	1 561	638	574	509	471	439	1 142	634	155	23	4 600
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	4 560	1 019	385	467	470	430	283	877	434	165	30	4 900
1968	1 325	172	81	103	86	128	114	361	207	73	-	6 800
1960 to 1967	2 135	478	172	115	161	82	92	520	384	111	-	6 500
1959 or earlier	633	195	120	53	22	6	53	78	70	14	22	3 000
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	8 627	1 869	797	717	728	668	608	1 796	1 036	355	53	5 300
Less than 15 percent	2 458	-	17	52	77	118	189	878	764	325	38	9 700
15 to 19 percent	1 349	-	50	30	128	169	205	589	161	17	-	7 500
20 to 24 percent	989	18	50	120	193	207	120	227	54	-	-	5 500
25 to 34 percent	1 114	194	195	261	219	118	75	52	-	-	-	3 600
35 percent or more	2 249	1 423	455	234	94	34	9	-	-	-	-	2000-
Not computed	468	234	30	20	17	22	10	50	57	13	15	2 000
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	3 328	426	321	193	195	275	310	811	518	214	65	6 800
Clothes dryer	1 897	178	200	86	83	166	123	386	396	214	65	7 900
Dishwasher	433	40	20	40	41	42	17	80	42	86	25	7 600
Home food freezer	750	103	42	40	19	41	58	181	209	37	20	8 200
Owned second home	399	59	114	-	-	41	-	74	65	46	-	...
With air conditioning	1 611	278	85	79	148	113	69	422	296	94	27	7 200
Room unit(s)	903	167	64	37	72	56	51	244	156	43	13	7 100
Central system	708	111	21	42	76	57	18	178	140	51	14	7 500
Automobiles available:												
1	4 664	667	337	498	506	446	423	1 214	454	107	12	5 700
2	1 775	118	68	81	112	84	129	445	516	189	33	9 000
3 or more	283	51	-	33	32	-	8	44	56	52	7	8 200

<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]

Ogden	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>	13 935	13 822	7 219	5 626	762	215	113	71	28	9	5
<b>PERSONS</b>											
1 person	1 914	1 864	1 857	7	-	-	50	45	5	-	-
2 persons	4 181	4 150	3 936	210	-	4	31	26	5	-	-
3 persons	2 328	2 323	983	1 340	-	-	5	-	5	-	-
4 persons	1 993	1 984	258	1 704	22	-	9	-	4	-	5
5 persons	1 616	1 603	185	1 265	128	25	13	-	4	9	-
6 persons or more	1 903	1 898	-	1 100	612	186	5	-	5	-	-
Median	2.9	2.9	1.9	4.2	6.2	7.5+	1.7	...	...	...	...
Units with roomers, boarders, or lodgers	218	218	87	92	34	5	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	203	203	74	123	6	-	-	-	-	-	-
1965 to 1968	466	466	198	242	26	-	-	-	-	-	-
1960 to 1964	1 322	1 317	452	773	73	19	5	5	-	-	-
1950 to 1959	3 898	3 881	1 632	1 964	232	53	17	11	6	-	-
1940 to 1949	2 634	2 611	1 424	1 002	128	57	23	15	8	-	-
1939 or earlier	5 412	5 322	3 383	1 563	295	81	90	58	22	10	-
<b>INCOME IN 1969</b>											
Less than \$2,000	1 159	1 119	959	133	21	6	40	30	10	-	-
\$2,000 to \$2,999	664	654	580	60	5	9	10	10	-	-	-
\$3,000 to \$3,999	668	653	513	131	5	4	15	6	-	9	-
\$4,000 to \$4,999	664	664	510	134	20	-	-	-	-	-	-
\$5,000 to \$5,999	689	684	469	176	32	7	5	5	-	-	-
\$6,000 to \$6,999	830	822	436	326	49	11	8	4	4	-	-
\$7,000 to \$9,999	2 749	2 729	1 085	1 316	239	89	20	11	9	-	-
\$10,000 to \$14,999	3 587	3 577	1 443	1 799	271	64	10	-	5	-	5
\$15,000 to \$24,999	2 405	2 405	985	1 293	109	18	-	-	-	-	-
\$25,000 or more	520	515	239	258	11	7	5	5	-	-	-
Median	\$9 500	\$9 500	\$7 400	\$11 500	\$10 200	\$9 400	\$3 400	...	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	12 489	12 417	6 382	5 107	723	205	72	45	13	9	5
Less than 1.5	5 107	5 089	1 939	2 587	424	139	18	9	4	-	5
1.5 to 1.9	2 531	2 526	1 108	1 241	141	36	5	5	-	-	-
2.0 to 2.4	1 443	1 437	748	578	101	10	6	6	-	-	-
2.5 to 2.9	738	720	467	244	5	4	18	5	4	9	-
3.0 to 3.9	854	844	571	242	21	10	10	5	5	-	-
4.0 or more	1 751	1 736	1 509	190	31	6	15	15	-	-	-
Not computed	65	65	40	25	-	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	463	458	246	187	25	-	5	-	5	-	-
Warm-air furnace	11 330	11 264	5 845	4 699	600	120	66	43	9	9	5
Built-in electric units	94	94	38	41	15	-	-	-	-	-	-
Floor, wall, or pipeless furnace	696	682	356	222	48	56	14	9	5	-	-
Other means	1 352	1 324	734	477	74	39	28	19	9	-	-
None	-	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b>	8 657	8 090	3 581	3 842	509	158	567	172	379	9	7
<b>PERSONS</b>											
1 person	2 752	2 294	2 096	198	-	-	458	156	302	-	-
2 persons	2 720	2 649	1 315	1 323	-	11	71	16	55	-	-
3 persons	1 378	1 378	137	1 202	31	8	-	-	-	-	-
4 persons	915	882	24	727	120	11	33	-	22	4	7
5 persons	427	427	9	260	112	46	-	-	-	-	-
6 persons or more	465	460	-	132	246	82	5	-	-	5	-
Median	2.1	2.2	1.4	2.8	5.4	6.3	1.1	1.1	1.1	...	...
Units with roomers, boarders, or lodgers	290	278	101	137	35	5	12	-	5	-	7
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	172	172	76	82	14	-	-	-	-	-	-
1965 to 1968	532	532	290	228	14	-	-	-	-	-	-
1960 to 1964	571	571	215	318	38	-	-	-	9	-	-
1950 to 1959	1 229	1 220	463	695	48	14	9	-	-	-	-
1940 to 1949	1 614	1 583	572	889	93	29	31	6	19	6	-
1939 or earlier	4 535	4 019	2 002	1 638	291	88	516	173	329	7	7
<b>INCOME IN 1969</b>											
Less than \$2,000	1 883	1 577	972	511	53	41	306	98	208	-	-
\$2,000 to \$2,999	802	723	354	312	39	18	79	17	62	-	-
\$3,000 to \$3,999	723	689	275	342	43	29	34	18	16	-	-
\$4,000 to \$4,999	728	694	322	312	47	13	34	-	34	-	-
\$5,000 to \$5,999	668	655	212	356	67	20	13	5	4	4	-
\$6,000 to \$6,999	608	576	159	371	40	6	32	12	20	-	-
\$7,000 to \$9,999	1 796	1 769	761	864	123	21	27	16	6	5	-
\$10,000 to \$14,999	1 036	1 006	381	542	73	10	30	6	17	-	7
\$15,000 to \$24,999	360	348	131	193	24	-	12	-	12	-	-
\$25,000 or more	53	53	14	39	-	-	-	-	-	-	-
Median	\$5 300	\$5 600	\$4 600	\$6 200	\$6 100	\$3 700	\$2000-	\$2000-	\$2000-	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	8 627	8 060	3 581	3 821	506	158	567	172	379	9	7
Less than 10 percent	845	744	326	345	61	12	101	34	56	4	7
10 to 14 percent	1 613	1 546	607	824	105	10	67	13	58	-	-
15 to 19 percent	1 349	1 301	487	698	93	23	48	5	38	5	-
20 to 24 percent	989	959	388	497	64	10	30	5	25	-	-
25 to 34 percent	1 114	976	423	453	52	48	138	51	87	-	-
35 percent or more	2 249	2 083	1 131	817	93	42	166	64	102	-	-
Not computed	468	451	219	187	32	13	17	-	17	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	1 774	1 452	831	566	35	20	322	72	250	-	-
Warm-air furnace	4 312	4 229	1 778	2 143	254	54	83	40	43	-	-
Built-in electric units	219	219	88	90	14	27	-	-	-	-	-
Floor, wall, or pipeless furnace	622	611	246	280	63	22	11	-	11	-	-
Other means	1 730	1 579	638	763	143	35	151	60	75	9	7
None	-	-	-	-	-	-	-	-	-	-	-

<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]

Ogden	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>13 935</b>	<b>21</b>	<b>54</b>	<b>560</b>	<b>3 112</b>	<b>4 276</b>	<b>2 571</b>	<b>1 502</b>	<b>1 839</b>	<b>5.3</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 736	9	45	548	3 029	4 203	2 532	1 605	1 765	5.3
<b>PERSONS</b>										
1 person	1 914	12	23	245	705	592	200	69	68	4.5
2 persons	4 181	4	25	190	1 351	1 344	756	244	267	4.9
3 persons	2 328	-	-	70	438	837	441	293	249	5.3
4 persons	1 993	5	-	22	320	620	484	284	258	5.6
5 persons	1 616	-	6	19	137	477	352	290	335	6.0
6 persons or more	1 903	-	-	14	161	406	338	322	662	6.6
Median	2.9	...	...	1.7	2.1	2.7	3.2	4.0	4.7	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>13 822</b>	<b>11</b>	<b>49</b>	<b>551</b>	<b>3 061</b>	<b>4 258</b>	<b>2 556</b>	<b>1 502</b>	<b>1 834</b>	<b>5.3</b>
0.50 or less	7 219	-	23	236	2 018	1 923	1 391	606	1 022	5.2
0.51 to 1.00	5 626	7	20	260	754	1 929	1 053	826	777	5.4
1.01 to 1.50	762	-	-	22	214	320	107	64	35	5.0
1.51 or more	215	4	6	33	75	86	5	6	-	4.4
<b>Lacking some or all plumbing facilities</b>	<b>113</b>	<b>10</b>	<b>5</b>	<b>9</b>	<b>51</b>	<b>18</b>	<b>15</b>	<b>6</b>	<b>5</b>	<b>4.1</b>
0.50 or less	71	-	-	9	38	13	6	-	5	...
0.51 to 1.00	28	5	5	-	4	5	-	-	-	...
1.01 to 1.50	9	-	-	-	9	-	-	-	-	...
1.51 or more	5	5	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1	1 070	41	59	496	332	122	20	-	-	3.4
2	5 194	-	-	106	2 633	1 797	489	107	62	4.4
3	5 301	-	-	-	214	2 264	1 773	630	420	5.6
4 or more	2 475	-	-	-	-	77	399	502	1 497	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	182	-	5	-	10	79	52	10	26	5.5
1960 to 1968	1 839	7	-	29	214	580	286	273	450	5.8
1950 to 1959	3 876	-	18	67	649	1 124	834	520	664	5.6
1949 or earlier	8 038	14	31	464	2 239	2 493	1 399	699	699	5.0
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	9 945	9	39	520	2 782	3 543	1 702	802	548	5.0
2 or more	3 811	-	6	28	251	676	830	803	1 217	6.6
None or also used by another household	179	8	7	14	75	47	21	-	7	4.3
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>12 489</b>	<b>9</b>	<b>26</b>	<b>399</b>	<b>2 637</b>	<b>3 892</b>	<b>2 376</b>	<b>1 409</b>	<b>1 741</b>	<b>5.3</b>
Less than 1.5	5 107	5	11	118	1 023	1 568	1 001	666	715	5.4
1.5 to 1.9	2 531	4	-	49	501	789	479	311	398	5.4
2.0 to 2.9	2 181	-	-	56	366	706	488	237	328	5.4
3.0 or more	2 605	-	15	176	743	778	403	195	295	5.0
Not computed	65	-	-	-	4	51	5	-	5	...
<b>Renter occupied housing units</b>	<b>8 657</b>	<b>519</b>	<b>754</b>	<b>2 923</b>	<b>2 442</b>	<b>1 233</b>	<b>452</b>	<b>195</b>	<b>139</b>	<b>3.6</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	7 854	118	599	2 812	2 329	1 174	466	221	135	3.7
<b>PERSONS</b>										
1 person	2 752	500	485	1 241	403	94	15	14	-	2.8
2 persons	2 720	11	216	1 162	903	318	55	34	21	3.5
3 persons	1 378	8	31	340	565	297	98	15	24	4.0
4 persons	915	-	18	124	377	241	87	44	24	4.3
5 persons	427	-	4	42	112	114	87	54	14	5.0
6 persons or more	465	-	-	14	82	169	110	34	56	5.3
Median	2.1	1.0	1.3	1.7	2.4	3.2	4.2	4.3	4.5	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>8 090</b>	<b>217</b>	<b>614</b>	<b>2 847</b>	<b>2 414</b>	<b>1 223</b>	<b>441</b>	<b>195</b>	<b>139</b>	<b>3.7</b>
0.50 or less	3 581	-	372	1 204	1 290	406	168	63	78	3.7
0.51 to 1.00	3 842	198	196	1 467	930	648	221	126	56	3.6
1.01 to 1.50	509	-	31	120	165	136	52	-	5	4.1
1.51 or more	158	19	15	56	29	33	-	-	-	3.3
<b>Lacking some or all plumbing facilities</b>	<b>567</b>	<b>302</b>	<b>140</b>	<b>76</b>	<b>28</b>	<b>10</b>	<b>11</b>	<b>6</b>	<b>-</b>	<b>1.4</b>
0.50 or less	172	-	113	37	16	6	-	-	-	2.3
0.51 to 1.00	379	302	20	35	12	4	-	-	-	1.1
1.01 to 1.50	9	-	-	4	-	-	5	-	-	...
1.51 or more	7	-	7	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None	679	581	78	20	-	-	-	-	-	1.1
1	3 935	-	587	2 547	698	78	25	-	-	3.0
2	2 999	-	-	207	1 886	759	147	-	-	4.2
3 or more	1 074	-	-	-	-	472	286	147	169	5.7
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	181	-	11	20	109	35	6	-	-	4.0
1960 to 1968	1 155	46	115	338	432	134	60	18	12	3.7
1950 to 1959	1 175	11	65	311	428	192	69	47	52	4.0
1949 or earlier	6 146	462	563	2 254	1 473	872	317	130	75	3.4
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	7 657	210	591	2 844	2 280	1 135	391	146	60	3.6
2 or more	356	-	15	12	65	39	75	75	75	6.1
None or also used by another household	640	281	166	132	42	12	-	-	-	1.7
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>8 627</b>	<b>519</b>	<b>754</b>	<b>2 918</b>	<b>2 433</b>	<b>1 233</b>	<b>441</b>	<b>190</b>	<b>139</b>	<b>3.6</b>
Less than 10 percent	845	49	108	313	226	115	5	17	12	3.3
10 to 14 percent	1 613	75	104	566	461	256	90	28	33	3.6
15 to 19 percent	1 349	57	76	391	415	220	126	17	47	3.9
20 to 24 percent	989	52	79	296	302	150	73	32	5	3.7
25 to 34 percent	1 114	95	89	404	296	149	40	25	16	3.4
35 percent or more	2 249	166	247	831	605	266	83	35	16	3.4
Not computed	468	25	51	117	128	77	24	36	10	3.8

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

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

Table B-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]

Ogden	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> .....	13 935	12 807	984	144	8 657	2 830	1 699	1 244	738	975	1 147	24
<b>ROOMS</b>												
1 room .....	21	9	-	12	519	36	6	20	78	90	289	-
2 rooms .....	54	26	10	18	754	68	84	126	141	162	173	-
3 rooms .....	560	409	129	22	2 923	445	657	557	346	434	470	14
4 rooms .....	3 112	2 667	376	69	2 442	840	663	414	133	239	143	10
5 rooms .....	4 276	3 976	281	19	1 233	806	202	105	18	40	62	-
6 rooms .....	2 571	2 473	94	4	452	364	50	16	12	-	10	-
7 rooms .....	1 502	1 458	44	-	195	142	31	6	6	10	-	-
8 rooms or more .....	1 839	1 789	50	-	139	129	6	-	4	-	-	-
Median .....	5.3	5.3	4.4	3.8	3.6	4.5	3.7	3.4	2.9	3.0	2.7	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> .....	13 822	12 735	948	139	8 090	2 792	1 679	1 196	650	799	950	24
0.50 or less .....	7 219	6 542	601	76	3 581	980	718	501	355	472	540	15
0.51 to 1.00 .....	5 626	5 250	319	57	3 842	1 435	850	618	232	299	399	9
1.01 to 1.50 .....	762	733	23	6	509	282	89	62	37	28	11	-
1.51 or more .....	215	210	5	-	158	95	22	15	26	-	-	-
<b>Locking some or all plumbing facilities</b> .....	113	72	36	5	567	38	20	48	88	176	197	-
0.50 or less .....	71	45	26	-	172	12	20	10	17	79	34	-
0.51 to 1.00 .....	28	13	10	5	379	17	-	31	71	97	163	-
1.01 to 1.50 .....	9	9	-	-	9	9	-	-	-	-	-	-
1.51 or more .....	5	5	-	-	7	-	-	7	-	-	-	-
<b>BEDROOMS</b>												
None .....	81	61	20	-	679	36	-	37	54	111	441	-
1 .....	989	718	250	21	3 935	557	1 268	637	450	464	559	-
2 .....	5 194	4 644	429	121	2 999	1 179	728	441	157	206	267	21
3 .....	5 301	5 141	160	-	779	659	79	41	-	-	-	-
4 or more .....	2 475	2 455	20	-	295	295	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	182	153	19	10	181	20	26	9	17	36	73	-
1965 to 1968 .....	478	410	36	32	543	47	76	56	28	73	259	4
1960 to 1964 .....	1 361	1 255	65	41	612	200	129	67	40	90	86	-
1950 to 1959 .....	3 876	3 691	143	42	1 175	515	338	178	51	31	47	15
1940 to 1949 .....	2 603	2 391	201	11	1 551	618	369	284	102	105	73	-
1939 or earlier .....	5 435	4 907	520	8	4 595	1 430	761	650	500	640	609	5
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	1 159	1 029	116	14	1 883	433	280	269	243	270	379	9
\$2,000 to \$2,999 .....	664	568	76	20	802	195	173	85	99	100	150	-
\$3,000 to \$3,999 .....	668	573	90	5	723	268	142	85	83	68	77	-
\$4,000 to \$4,999 .....	664	589	55	20	728	208	131	141	50	101	93	4
\$5,000 to \$5,999 .....	689	609	75	5	668	199	143	132	57	63	69	5
\$6,000 to \$6,999 .....	830	725	72	33	608	232	125	115	33	40	63	-
\$7,000 to \$9,999 .....	2 749	2 522	195	32	1 796	677	417	251	84	175	186	6
\$10,000 to \$14,999 .....	3 587	3 408	169	10	1 036	464	197	138	68	102	67	-
\$15,000 to \$24,999 .....	2 405	2 283	117	5	360	120	91	28	21	46	54	-
\$25,000 or more .....	520	501	19	-	53	34	-	-	-	10	9	-
Median .....	\$9 500	\$9 700	\$7 100	\$6 200	\$5 300	\$6 500	\$5 900	\$5 300	\$3 300	\$4 500	\$3 600	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	1 360	1 148	151	61	4 560	1 430	862	689	424	566	568	21
1968 .....	930	828	73	29	1 325	418	234	224	95	113	241	-
1967 .....	763	717	30	16	538	250	87	76	32	52	41	-
1965 and 1966 .....	1 339	1 215	99	25	893	320	190	125	62	126	70	-
1960 to 1964 .....	2 365	2 188	160	17	704	242	112	69	56	92	127	6
1950 to 1959 .....	3 793	3 523	264	6	388	118	61	63	51	67	28	-
1949 or earlier .....	3 385	3 111	274	-	245	95	34	23	35	19	39	-
<b>GROSS RENT</b>												
<b>Specified renter occupied<sup>1</sup></b> .....	...	...	...	...	8 627	2 800	1 699	1 244	738	975	1 147	24
Less than \$50 .....	...	...	...	...	887	60	27	102	186	229	278	5
\$50 to \$59 .....	...	...	...	...	547	80	129	98	75	74	91	-
\$60 to \$69 .....	...	...	...	...	816	156	214	173	76	118	79	-
\$70 to \$79 .....	...	...	...	...	957	216	185	168	134	117	137	-
\$80 to \$99 .....	...	...	...	...	2 007	648	532	370	133	186	125	13
\$100 to \$119 .....	...	...	...	...	1 249	555	267	183	36	59	143	6
\$120 to \$149 .....	...	...	...	...	1 209	563	243	98	51	111	143	-
\$150 to \$199 .....	...	...	...	...	563	314	74	25	6	43	89	-
\$200 to \$299 .....	...	...	...	...	103	38	6	-	12	41	-	-
\$300 or more .....	...	...	...	...	10	6	-	4	-	-	-	-
No cash rent .....	...	...	...	...	279	164	22	23	23	26	21	-
Median .....	...	...	...	...	\$89	\$106	\$89	\$83	\$72	\$75	\$78	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water .....	463	361	102	-	1 774	106	100	187	248	516	617	-
Warm-air furnace .....	11 330	10 494	743	93	4 312	1 641	1 049	654	308	291	358	11
Built-in electric units .....	94	89	5	-	219	85	54	23	6	6	45	-
Floor, wall, or pipeless furnace .....	696	653	32	11	622	254	125	102	39	43	59	-
Other means .....	1 352	1 210	102	40	1 730	744	371	278	137	119	68	13
None .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s) .....	3 150	2 799	278	73	903	262	157	97	36	150	187	14
Central system .....	1 132	928	153	51	708	84	39	45	66	147	320	7
None .....	9 653	9 003	620	70	7 042	2 527	1 384	1 127	653	738	607	6
<b>AUTOMOBILES AVAILABLE</b>												
1 .....	5 964	5 376	495	93	4 664	1 529	972	713	414	503	519	14
2 .....	5 119	4 740	339	40	1 775	768	328	347	58	172	95	7
3 or more .....	1 620	1 529	84	7	283	110	81	8	27	26	31	-
None .....	1 232	1 085	133	14	1 931	466	199	201	256	334	469	6

<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.]

Ogden	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>13 935</b>	<b>464</b>	<b>1 487</b>	<b>2 084</b>	<b>4 664</b>	<b>1 964</b>	<b>225</b>	<b>117</b>	<b>742</b>	<b>274</b>	<b>789</b>	<b>1 125</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>	<b>13 822</b>	<b>464</b>	<b>1 477</b>	<b>2 084</b>	<b>4 649</b>	<b>1 944</b>	<b>225</b>	<b>117</b>	<b>724</b>	<b>274</b>	<b>780</b>	<b>1 084</b>
With all plumbing facilities	7 219	185	255	299	2 242	1 595	141	80	355	210	773	1 084
0.50 or less	5 626	267	1 049	1 396	2 083	329	74	37	324	60	7	-
0.51 to 1.00	762	12	138	311	231	20	5	-	45	-	-	-
1.01 to 1.50	215	-	35	78	93	-	5	-	-	4	-	-
1.51 or more	113	-	10	-	15	20	-	-	18	-	9	41
Lacking some or all plumbing facilities	71	-	-	-	10	16	-	-	-	-	4	41
0.50 or less	28	-	5	-	5	4	-	-	9	-	5	-
0.51 to 1.00	9	-	-	-	-	-	-	-	9	-	-	-
1.01 to 1.50	5	-	5	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>	<b>12 807</b>	<b>350</b>	<b>1 425</b>	<b>2 010</b>	<b>4 386</b>	<b>1 762</b>	<b>205</b>	<b>99</b>	<b>694</b>	<b>249</b>	<b>660</b>	<b>967</b>
1	984	85	47	60	259	194	20	18	38	25	93	145
2 or more	144	29	15	14	19	8	-	-	10	-	36	13
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
<b>INCOME IN 1969</b>	<b>1 159</b>	<b>19</b>	<b>10</b>	<b>39</b>	<b>51</b>	<b>96</b>	<b>10</b>	<b>9</b>	<b>101</b>	<b>60</b>	<b>194</b>	<b>570</b>
Less than \$2,000	664	19	5	16	17	155	-	21	48	31	107	245
\$2,000 to \$2,999	668	15	25	9	57	249	14	4	48	28	79	140
\$3,000 to \$3,999	664	40	30	11	65	249	11	14	56	20	90	78
\$4,000 to \$4,999	689	16	43	43	115	252	11	7	73	4	85	40
\$5,000 to \$5,999	830	66	118	83	141	153	35	-	120	5	91	18
\$6,000 to \$6,999	2 749	166	537	442	854	353	63	19	152	47	101	15
\$7,000 to \$9,999	3 587	114	552	804	1 512	305	52	33	107	52	37	19
\$10,000 to \$14,999	2 405	5	143	515	1 528	122	13	10	37	27	5	-
\$15,000 to \$24,999	520	4	24	122	324	30	16	-	-	-	-	-
\$25,000 or more	\$9 500	\$8 000	\$9 900	\$12 500	\$13 400	\$5 900	\$8 500	\$7 600	\$6 400	\$4 900	\$4 200	\$2 000
Median	-	-	-	-	-	-	-	-	-	-	-	-
<b>VALUE-INCOME RATIO</b>	<b>12 489</b>	<b>350</b>	<b>1 404</b>	<b>1 959</b>	<b>4 255</b>	<b>1 722</b>	<b>200</b>	<b>99</b>	<b>694</b>	<b>238</b>	<b>634</b>	<b>934</b>
Specified owner occupied <sup>1</sup>	5 107	90	584	1 019	2 535	415	92	31	179	66	88	8
Less than 1.5	2 531	141	396	446	868	324	40	19	154	49	75	19
1.5 to 1.9	1 443	36	249	275	380	229	32	6	76	40	95	65
2.0 to 2.4	738	11	55	82	207	164	19	7	52	9	55	37
2.5 to 2.9	854	37	72	61	176	235	7	5	77	8	70	106
3.0 to 3.9	1 751	35	48	76	83	355	10	31	131	66	230	686
4.0 or more	65	-	-	-	6	-	-	-	25	-	21	13
Not computed	-	-	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b>	<b>8 657</b>	<b>1 699</b>	<b>1 316</b>	<b>442</b>	<b>730</b>	<b>335</b>	<b>253</b>	<b>24</b>	<b>1 030</b>	<b>76</b>	<b>1 787</b>	<b>965</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>	<b>8 090</b>	<b>1 654</b>	<b>1 316</b>	<b>437</b>	<b>714</b>	<b>326</b>	<b>234</b>	<b>19</b>	<b>1 020</b>	<b>76</b>	<b>1 444</b>	<b>850</b>
With all plumbing facilities	3 581	415	187	51	230	184	70	10	300	38	1 331	765
0.50 or less	3 842	1 175	909	281	410	139	147	9	541	33	113	85
0.51 to 1.00	509	52	188	80	55	3	12	-	114	5	-	-
1.01 to 1.50	158	12	32	25	19	-	5	-	65	-	-	-
1.51 or more	567	45	-	5	16	9	19	5	10	-	343	115
Lacking some or all plumbing facilities	172	5	-	-	6	-	-	-	5	-	120	36
0.50 or less	379	36	-	-	10	9	12	5	5	-	223	79
0.51 to 1.00	9	4	-	5	-	-	-	-	-	-	-	-
1.01 to 1.50	7	-	-	-	-	-	7	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>	<b>2 830</b>	<b>481</b>	<b>628</b>	<b>277</b>	<b>365</b>	<b>143</b>	<b>93</b>	<b>14</b>	<b>447</b>	<b>21</b>	<b>239</b>	<b>122</b>
1	2 943	824	484	85	190	114	86	10	408	38	488	226
2 to 4	1 713	292	152	70	80	39	58	10	96	17	619	280
5 to 19	1 147	96	52	10	90	35	16	-	75	-	436	337
20 or more	24	6	-	-	5	4	-	-	4	-	5	-
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
<b>GROSS RENT</b>	<b>8 627</b>	<b>1 699</b>	<b>1 316</b>	<b>442</b>	<b>719</b>	<b>335</b>	<b>253</b>	<b>24</b>	<b>1 011</b>	<b>76</b>	<b>1 787</b>	<b>965</b>
Specified renter occupied <sup>2</sup>	887	45	9	11	16	32	18	-	22	5	483	249
Less than \$50	547	51	29	8	5	15	17	-	61	11	181	166
\$50 to \$59	816	108	57	14	86	30	44	5	89	7	266	110
\$60 to \$69	957	237	132	4	90	36	32	-	124	10	174	118
\$70 to \$79	2 007	639	332	100	107	92	41	4	202	15	313	162
\$80 to \$99	1 249	330	240	72	122	51	8	5	183	17	139	79
\$100 to \$119	1 209	213	275	113	143	31	53	5	180	-	157	39
\$120 to \$149	563	42	176	89	89	10	32	-	101	6	18	-
\$150 to \$199	103	-	5	16	18	-	8	-	23	-	22	11
\$200 to \$299	10	-	-	-	4	-	-	-	6	-	-	-
\$300 or more	279	34	61	15	39	35	-	5	20	5	34	31
No cash rent	-	-	-	-	-	-	-	-	-	-	-	-
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>	<b>8 627</b>	<b>1 699</b>	<b>1 316</b>	<b>442</b>	<b>719</b>	<b>335</b>	<b>253</b>	<b>24</b>	<b>1 011</b>	<b>76</b>	<b>1 787</b>	<b>965</b>
Specified renter occupied <sup>2</sup>	4 111	664	234	54	88	207	162	24	695	47	1 069	873
Less than \$5,000	354	51	16	-	7	17	21	-	5	7	162	65
Less than 20 percent	381	113	30	6	17	36	-	-	16	-	116	47
20 to 24 percent	869	199	57	14	5	56	39	9	118	5	199	168
25 to 34 percent	2 206	291	114	28	43	76	97	10	485	32	503	527
35 percent or more	301	10	17	6	16	16	5	5	66	5	89	64
Not computed	3 072	803	700	198	341	91	49	-	272	17	529	72
\$5,000 to \$9,999	2 148	593	442	130	254	67	28	-	138	5	423	68
Less than 20 percent	554	145	151	14	69	10	10	-	70	12	69	4
20 to 24 percent	245	27	84	36	9	5	11	-	44	-	29	-
25 to 34 percent	43	9	5	13	4	-	-	-	12	-	-	-
35 percent or more	82	29	18	5	9	-	-	-	8	-	8	-
Not computed	1 036	213	314	103	143	38	36	-	28	12	134	15
\$10,000 to \$14,999	925	213	256	88	121	33	36	-	28	12	123	15
Less than 20 percent	54	-	21	15	12	-	-	-	-	-	6	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 to 34 percent	-	-	-	-	-	-	-	-	-	-	-	-
35 percent or more	57	37	-	10	5	-	-	-	-	-	5	-
Not computed	408	19	68	87	147	5	6	-	16	-	55	5
\$15,000 or more	380	19	68	77	134	-	6	-	16	-	55	5
Less than 20 percent	-	-	-	-	-	-	-	-	-	-	-	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 to 34 percent	-	-	-	-	-	-	-	-	-	-	-	-
35 percent or more	28	-	-	10	13	5	-	-	-	-	-	-
Not computed	-	-	-	-	-	-	-	-	-	-	-	-

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

Table 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)

Ogden	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>13 935</b>	<b>1 914</b>	<b>4 181</b>	<b>2 328</b>	<b>1 993</b>	<b>1 616</b>	<b>1 003</b>	<b>528</b>	<b>372</b>	<b>2.9</b>
<b>BEDROOMS</b>										
None and 1 .....	1 070	413	468	130	39	20	--	--	--	1.8
2 .....	5 194	1 351	2 169	764	493	281	115	21	--	2.1
3 .....	5 301	215	1 204	1 017	1 407	765	419	116	158	3.7
4 or more .....	2 475	63	256	305	340	484	358	454	215	5.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	182	10	30	65	23	34	15	--	5	3.3
1965 to 1968 .....	478	33	103	67	86	85	75	9	20	3.9
1960 to 1964 .....	1 361	99	247	201	328	213	125	87	61	3.9
1950 to 1959 .....	3 876	189	930	689	717	674	341	214	122	3.7
1940 to 1949 .....	2 603	361	850	555	333	257	131	53	63	2.7
1939 or earlier .....	5 435	1 222	2 021	751	506	353	316	165	101	2.2
<b>UNITS IN STRUCTURE</b>										
1 .....	12 807	1 627	3 724	2 186	1 870	1 551	963	518	368	3.0
2 or more .....	984	238	400	133	108	57	34	10	4	2.1
Mobile home or trailer .....	144	49	57	9	15	8	6	--	--	1.9
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	9 945	1 601	3 296	1 645	1 294	998	606	305	200	2.5
2 and 2 1/2 .....	3 350	141	818	638	600	520	339	162	132	3.6
3 or more .....	461	36	49	50	49	112	100	45	20	4.9
None or also used by another household .....	179	77	41	15	6	24	8	--	8	1.8
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>12 021</b>		<b>4 181</b>	<b>2 328</b>	<b>1 993</b>	<b>1 616</b>	<b>1 003</b>	<b>528</b>	<b>372</b>	<b>3.3</b>
Male head, wife present, no nonrelatives .....	10 663	...	3 491	2 035	1 823	1 500	961	496	357	3.4
Under 25 years .....	464	...	153	167	113	15	16	--	--	3.0
25 to 34 years .....	1 487	...	112	283	465	317	221	64	25	4.2
35 to 44 years .....	2 084	...	78	222	435	549	390	248	162	5.1
45 to 64 years .....	4 664	...	1 559	1 093	751	605	318	179	159	3.2
65 years and over .....	1 964	...	1 589	270	59	14	16	5	11	2.1
Other male head .....	342	...	215	49	23	29	12	4	10	2.3
Under 65 years .....	225	...	124	33	23	23	12	--	10	2.4
65 years and over .....	117	...	91	16	--	6	--	4	--	2.1
Female head .....	1 016	...	475	244	147	87	30	28	5	2.6
Under 65 years .....	742	...	268	196	138	77	30	28	5	3.0
65 years and over .....	274	...	207	48	9	10	--	--	--	2.2
<b>One-person households</b> .....	<b>1 914</b>	<b>1 914</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>12 489</b>	<b>1 568</b>	<b>3 652</b>	<b>2 136</b>	<b>1 849</b>	<b>1 493</b>	<b>943</b>	<b>496</b>	<b>352</b>	<b>3.0</b>
Less than 1.5 .....	5 107	96	1 314	1 036	893	787	501	276	204	3.6
1.5 to 1.9 .....	2 531	94	761	467	520	306	220	105	58	3.4
2.0 to 2.4 .....	1 443	120	413	290	217	173	128	47	55	3.2
2.5 to 2.9 .....	738	132	269	121	62	90	34	16	14	2.4
3.0 to 3.9 .....	854	176	326	131	89	67	34	20	11	2.3
4.0 or more .....	1 751	916	563	86	58	65	21	32	10	1.5
Not computed .....	65	34	6	5	10	5	5	--	--	...
<b>Renter occupied housing units</b> .....	<b>8 457</b>	<b>2 752</b>	<b>2 720</b>	<b>1 378</b>	<b>915</b>	<b>427</b>	<b>238</b>	<b>126</b>	<b>101</b>	<b>2.1</b>
<b>BEDROOMS</b>										
None .....	679	606	73	--	--	--	--	--	--	1.1
1 .....	3 935	1 428	1 800	472	157	78	--	--	--	1.9
2 .....	2 999	440	908	797	464	187	121	41	41	2.7
3 or more .....	1 074	26	78	202	162	256	228	63	59	4.8
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	181	11	98	28	32	12	--	--	--	2.3
1965 to 1968 .....	543	201	229	66	27	20	--	--	--	1.8
1960 to 1964 .....	612	155	190	95	94	34	28	16	--	2.3
1950 to 1959 .....	1 175	174	401	292	176	63	51	--	18	2.5
1940 to 1949 .....	1 551	327	529	371	171	93	27	17	16	2.3
1939 or earlier .....	4 595	1 884	1 273	526	415	205	132	93	67	1.8
<b>UNITS IN STRUCTURE</b>										
1 .....	2 830	361	709	659	444	292	203	81	81	3.0
2 .....	1 699	371	688	310	211	70	19	20	10	2.2
3 and 4 .....	1 244	343	524	226	101	23	10	13	4	2.0
5 to 9 .....	738	387	192	68	50	17	6	12	6	1.5
10 to 19 .....	975	512	326	56	68	13	--	--	--	1.5
20 or more .....	1 147	773	262	59	41	12	--	--	--	1.2
Mobile home or trailer .....	24	5	19	--	--	--	--	--	--	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	7 457	2 284	2 518	1 310	841	332	170	104	98	2.1
2 or more .....	356	32	78	52	80	60	15	33	6	3.7
None or also used by another household .....	640	490	93	11	34	5	--	7	--	1.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> .....	<b>5 905</b>		<b>2 720</b>	<b>1 378</b>	<b>915</b>	<b>427</b>	<b>238</b>	<b>126</b>	<b>101</b>	<b>2.7</b>
Male head, wife present, no nonrelatives .....	4 522	...	2 023	1 107	735	314	184	91	68	2.7
Under 25 years .....	1 699	...	989	506	170	28	--	6	--	2.4
25 to 34 years .....	1 316	...	324	364	305	192	88	33	10	3.4
35 to 44 years .....	442	...	45	68	139	50	67	34	39	4.3
45 to 64 years .....	730	...	375	140	109	40	29	18	19	2.5
65 years and over .....	335	...	290	29	12	4	--	--	--	2.1
Other male head .....	277	...	183	35	45	9	--	--	5	2.3
Under 65 years .....	253	...	168	35	41	4	--	--	5	2.3
65 years and over .....	24	...	15	--	4	5	--	--	--	...
Female head .....	1 106	...	514	236	135	104	54	35	28	2.7
Under 65 years .....	1 030	...	471	203	135	104	54	35	28	2.7
65 years and over .....	76	...	43	33	--	--	--	--	--	...
<b>One-person households</b> .....	<b>2 752</b>	<b>2 752</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>8 427</b>	<b>2 752</b>	<b>2 715</b>	<b>1 378</b>	<b>910</b>	<b>418</b>	<b>227</b>	<b>126</b>	<b>101</b>	<b>2.1</b>
Less than 10 percent .....	845	277	295	84	131	24	18	10	6	2.0
10 to 14 percent .....	1 613	361	598	309	187	65	62	19	12	2.2
15 to 19 percent .....	1 349	278	469	223	178	111	38	23	29	2.3
20 to 24 percent .....	989	242	338	179	134	40	33	17	27	2.2
25 to 34 percent .....	1 114	396	320	199	81	54	22	15	6	2.0
35 percent or more .....	2 249	1 030	596	279	157	104	37	30	16	1.7
Not computed .....	468	168	99	105	42	20	17	12	5	2.2

<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)

Ogden					Ogden				
	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	42	8	8	26	Vacant for rent	772	526	198	48
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	-	-	-	-	1 room	42	38	-	4
4 rooms	11	2	-	9	2 rooms	98	77	21	-
5 rooms	7	3	4	-	3 rooms	356	233	96	27
6 rooms	11	3	-	8	4 rooms	162	105	44	13
7 rooms or more	13	-	4	9	5 rooms	67	51	16	-
					6 rooms	26	5	17	4
					7 rooms or more	21	17	4	-
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities	42	8	8	26	With all plumbing facilities	720	478	194	48
Lacking some or all plumbing facilities	-	-	-	-	Lacking some or all plumbing facilities	52	48	4	-
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1	-	-	-	-	None	69	69	-	-
2	18	-	18	-	1	495	332	163	-
3	-	-	-	-	2	156	156	-	-
4 or more	49	-	-	49	3 or more	46	46	-	-
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970	-	-	-	-	1969 to March 1970	-	-	-	-
1960 to 1968	-	-	-	-	1960 to 1968	112	92	16	4
1950 to 1959	3	3	-	-	1950 to 1959	44	27	13	4
1949 or earlier	39	5	8	26	1949 or earlier	616	407	169	40
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1	42	8	8	26	1	184	120	56	8
2 or more	-	-	-	-	2 to 4	270	170	80	20
					5 to 9	110	69	25	16
					10 to 19	127	103	20	4
					20 or more	81	64	17	-
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water	-	-	-	-	Specified vacant for rent <sup>2</sup>	772	526	198	48
Warm-air furnace	42	8	8	26	Less than \$50	142	100	34	8
Built-in electric units	-	-	-	-	\$50 to \$59	121	80	33	8
Floor, wall, or pipeless furnace	-	-	-	-	\$60 to \$79	280	171	93	16
Other means	-	-	-	-	\$80 to \$99	125	69	20	16
None	-	-	-	-	\$100 to \$119	42	30	12	-
					\$120 to \$149	48	42	6	-
					\$150 to \$199	10	10	-	-
					\$200 or more	4	4	-	-
					Median rent asked	\$69	\$70	\$67	...
<b>SALES PRICE ASKED</b>									
Specified vacant for sale <sup>1</sup>	42	8	8	26					
Less than \$5,000	-	-	-	-					
\$5,000 to \$9,999	16	-	4	12					
\$10,000 to \$14,999	14	5	4	5					
\$15,000 to \$19,999	9	3	-	6					
\$20,000 to \$24,999	-	-	-	-					
\$25,000 to \$34,999	3	-	-	3					
\$35,000 to \$49,999	-	-	-	-					
\$50,000 or more	-	-	-	-					
Median price asked	...	...	...	...					

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

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

(Data based on sample, see text. For meaning of symbols, see text)

Ogden	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
<b>Total</b>	42	16	14	9	-	3	772	263	280	125	90	10	4
<b>PLUMBING FACILITIES</b>													
With all plumbing facilities	67	14	18	17	-	18	695	277	218	45	120	35	-
Lacking some or all plumbing facilities	-	-	-	-	-	-	71	71	-	-	-	-	-
<b>BEDROOMS</b>													
None and 1	-	-	-	-	-	-	564	333	185	28	18	-	-
2	18	-	18	-	-	-	156	15	18	17	71	35	-
3	-	-	-	-	-	-	46	-	15	-	31	-	-
4 or more	49	14	-	17	-	18	-	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	-	-	-	-	-	-	-	-	-	-	-	-	-
1960 to 1968	-	-	-	-	-	-	112	15	27	9	47	10	4
1950 to 1959	3	-	-	3	-	-	44	3	13	12	16	-	-
1949 or earlier	39	16	14	6	-	3	616	245	240	104	27	-	-
<b>UNITS IN STRUCTURE</b>													
1	...	...	...	...	...	...	184	58	65	28	33	-	-
2 to 4	...	...	...	...	...	...	270	68	120	60	22	-	-
5 to 19	...	...	...	...	...	...	237	102	82	29	10	10	4
20 or more	...	...	...	...	...	...	81	35	13	8	25	-	-
<b>INCLUSION OF UTILITIES IN RENT</b>													
All utilities included	...	...	...	...	...	...	255	82	66	54	39	10	4
Some or no utilities included	...	...	...	...	...	...	517	181	214	71	51	-	-

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

## Appendix A.—AREA CLASSIFICATIONS

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

### USUAL PLACE OF RESIDENCE

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

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

### COUNTIES

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

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

### PLACES

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

### STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

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

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### GENERAL

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

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

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

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

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

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

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

#### LIVING QUARTERS

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

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

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

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

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>• ■ •</p> <p><i>Answer these questions for your living quarters</i></p> <p><b>H1.</b> Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p style="text-align: right;"><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?</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>H4.</b> How many rooms do you have in your living quarters?</p> <p><i>Do not count bedrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room                      <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms                      <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms                      <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms                      <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p> <p><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>■</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>	<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><b>H10a.</b> Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p><b>b.</b> If "Yes"—is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p> <p><b>H11.</b> If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p style="border: 1px solid black; padding: 2px; font-size: small;">If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</p> <p><b>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>b.</b> If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center;">(Nearest dollar)                      (Week, half-month, year, etc.)</p>	<p style="text-align: center; font-size: small;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; border-bottom: 1px solid black; text-align: center; font-size: x-small;"><b>a4.</b> Block number</td> <td style="width:50%; border-bottom: 1px solid black; text-align: center; font-size: x-small;"><b>a5.</b> Serial number</td> </tr> <tr> <td style="text-align: center;">0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/></td> <td style="text-align: center;">0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/></td> </tr> </table> <p><b>B. Type of unit or quarters</b></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 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><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>■</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>	<b>a4.</b> Block number	<b>a5.</b> Serial number	0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/>	0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/>
<b>a4.</b> Block number	<b>a5.</b> Serial number					
0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/>	0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/>					

APPENDIX B—Continued

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

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00  <input type="radio"/> No, included in rent <i>Average monthly cost</i>  <input type="radio"/> No, electricity not used</p> <p>b. Gas?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00  <input type="radio"/> No, included in rent <i>Average monthly cost</i>  <input type="radio"/> No, gas not used</p> <p>c. Water?  <input type="radio"/> Yes, yearly cost is → \$ _____ .00  <input type="radio"/> No, included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.?  <input type="radio"/> Yes, yearly cost is → \$ _____ .00  <input type="radio"/> No, included in rent <i>Yearly cost</i>  <input type="radio"/> No, these fuels not used</p>	<p><b>H19.</b> Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?  <input type="radio"/> An individual well?  <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p><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 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>H20.</b> Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer  <input type="radio"/> No, connected to septic tank or cesspool  <input type="radio"/> No, use other means</p>
<p><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 type="radio"/> 1940 to 1949  <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 <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom  <input type="radio"/> 1 complete bathroom  <input type="radio"/> 1 complete bathroom, plus half bath(s)  <input type="radio"/> 2 complete bathrooms  <input type="radio"/> 2 complete bathrooms, plus half bath(s)  <input type="radio"/> 3 or more complete bathrooms</p>
<p><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>H22.</b> Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit  <input type="radio"/> Yes, 2 or more individual room units  <input type="radio"/> Yes, a central air-conditioning system  <input type="radio"/> No</p>
<p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19  <input type="radio"/> On a place of less than 10 acres?  <input type="radio"/> On a place of 10 acres or more?</p>	<p><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  <input type="radio"/> 1 automobile  <input type="radio"/> 2 automobiles  <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)      <input checked="" type="radio"/> \$2,500 to \$4,999  <input type="radio"/> \$50 to \$249      <input type="radio"/> \$5,000 to \$9,999  <input type="radio"/> \$250 to \$2,499      <input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent



APPENDIX B—Continued

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

<p><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?</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 checked="" type="radio"/> 13 stories or more</p> <hr/> <p>b. If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<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="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>H25a.</b> Which fuel is used most for cooking?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p><input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>b. Which fuel is used most for house heating?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p><input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>c. Which fuel is used most for water heating?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p><input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p>
<p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p><b>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</p> <p><input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p><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>H27a.</b> Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <hr/> <p>b. Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No</p> <hr/> <p>c. Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>d. Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p><b>H28a.</b> Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <hr/> <p>b. If "Yes"— is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p><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.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p> <hr/> <p><b>H30.</b> Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

## APPENDIX B—Continued

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

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

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

## Appendix C.—ACCURACY OF THE DATA

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### SOURCES OF ERROR

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

### EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

### SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

**RATIO ESTIMATION**

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

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

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

Group

**Occupied housing units:**

STAGE I

*Male Head With Own Children Under 18*

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

*Male Head Without Own Children Under 18*

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

*Female Head*

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

STAGE II

*Owner Occupied*

- 19 Negro
- 20 Not Negro

*Renter Occupied*

- 21 Negro
- 22 Not Negro

**Vacant housing units:**

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

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

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

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

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

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

**SAMPLING VARIABILITY**

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

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

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

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

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

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

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

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

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

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

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

APPENDIX C—Continued

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