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Metropolitan Housing Characteristics

TUCSON, ARIZ.
STANDARD METROPOLITAN STATISTICAL AREA

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**1970
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Metropolitan
Housing
Characteristics

**TUCSON, ARIZ.
STANDARD METROPOLITAN
STATISTICAL AREA**

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

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

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

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GENERAL

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

This report series contains 248 reports as listed on page 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.

INTRODUCTION—Continued

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

INTRODUCTION—Continued

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

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

PROCESSING PROCEDURES

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

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

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

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

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METROPOLITAN HOUSING CHARACTERISTICS

Tucson, Ariz.

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 224.]

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MAP

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

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

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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 or Spanish surname]

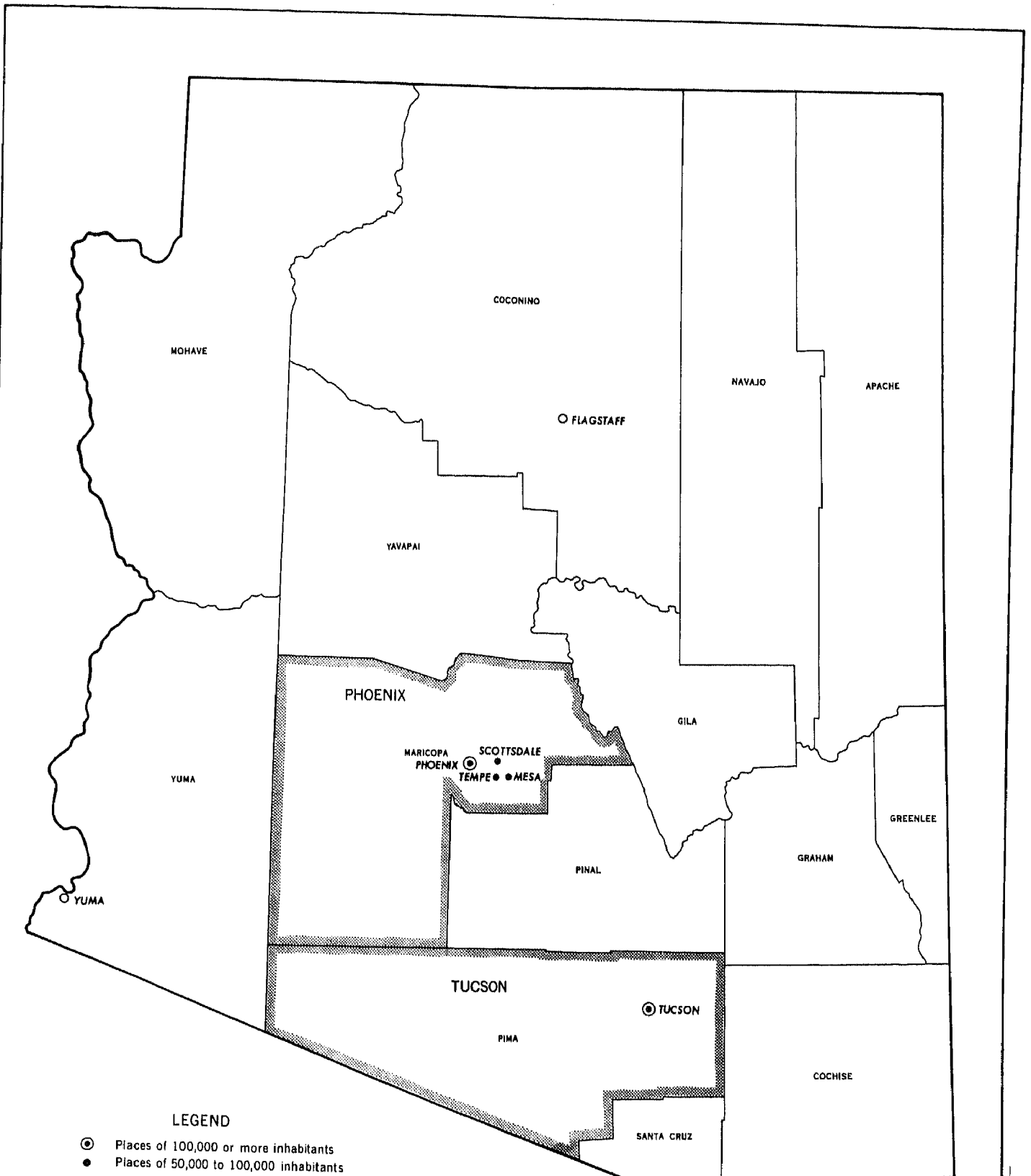
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Counties, Standard Metropolitan Statistical Areas, and Selected Places



LEGEND

- ⊙ Places of 100,000 or more inhabitants
- Places of 50,000 to 100,000 inhabitants
- Places of 25,000 to 50,000 inhabitants outside SMSA's



Standard Metropolitan Statistical Areas (SMSA's)

0 20 40 60 80 100 MILES

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

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

The SMSA

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units -----	72 462	508	1 834	5 066	15 153	21 020	16 370	8 033	4 478	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access -----	70 577	235	1 412	4 653	14 618	21 180	16 253	7 704	4 522	5.2
PERSONS										
1 person-----	9 316	233	711	1 721	2 977	2 180	1 045	313	136	4.2
2 persons-----	23 338	153	734	2 284	6 873	6 946	4 392	1 466	490	4.7
3 persons-----	11 600	20	146	435	2 236	3 817	2 942	1 393	611	5.3
4 persons-----	11 397	39	95	189	1 379	3 546	3 411	1 829	909	5.6
5 persons-----	7 679	17	36	126	744	2 220	2 256	1 387	893	5.8
6 persons or more-----	9 132	46	112	311	944	2 311	2 324	1 645	1 439	5.9
Median-----	2.8	1.6	1.8	1.9	2.2	2.9	3.4	4.0	4.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities -----	70 919	280	1 437	4 654	14 801	20 921	16 324	8 029	4 473	5.2
0.50 or less-----	35 062	-	598	1 655	9 730	9 100	8 359	3 172	2 448	5.1
0.51 to 1.00-----	29 854	138	661	2 570	3 543	9 546	6 998	4 470	1 928	5.3
1.01 to 1.50-----	4 633	-	92	179	1 092	1 928	905	340	97	5.0
1.51 or more-----	1 370	142	86	250	436	347	62	47	-	4.0
Lacking some or all plumbing facilities -----	1 543	228	397	412	352	99	46	4	5	4.9
0.50 or less-----	350	-	113	66	120	26	20	-	5	3.4
0.51 to 1.00-----	440	95	73	149	72	37	10	4	-	3.8
1.01 to 1.50-----	183	-	54	10	78	30	11	-	-	3.9
1.51 or more-----	570	133	157	187	82	6	5	-	-	2.5
BEDROOMS										
None and 1-----	6 918	473	1 950	3 216	1 032	162	66	-	19	2.8
2-----	25 253	-	-	1 623	13 680	7 530	2 010	311	99	4.3
3-----	30 451	-	-	-	797	12 200	11 842	4 511	1 101	5.7
4 or more-----	9 804	-	-	-	-	157	2 417	3 993	3 237	7.1
YEAR STRUCTURE BUILT										
1969 to March 1970-----	4 741	58	131	389	1 073	1 218	915	631	326	5.1
1960 to 1968-----	24 332	154	575	1 838	4 747	6 126	5 355	3 356	2 181	5.3
1950 to 1959-----	27 814	113	609	1 494	5 121	9 235	7 055	2 965	1 222	5.2
1949 or earlier-----	15 575	183	519	1 345	4 212	4 441	3 045	1 081	749	4.8
COMPLETE BATHROOMS										
1 and 1 1/2-----	43 201	228	1 414	4 552	13 275	14 142	7 036	2 029	525	4.7
2 or more-----	27 457	19	11	108	1 356	7 062	9 222	5 682	3 997	6.1
None or also used by another household-----	1 807	261	418	497	419	122	78	6	6	3.0
VALUE-INCOME RATIO										
Specified owner occupied! -----	58 002	263	616	1 588	9 797	18 380	15 547	7 687	4 124	5.4
Less than 1.5-----	19 850	79	249	602	3 560	6 412	5 247	2 486	1 215	5.3
1.5 to 1.9-----	12 142	20	78	180	1 450	3 879	3 643	1 932	960	5.6
2.0 to 2.9-----	12 044	74	45	236	1 857	3 621	3 320	1 813	1 078	5.6
3.0 or more-----	13 245	86	201	502	2 830	4 291	3 113	1 375	847	5.2
Not computed-----	721	4	43	68	100	177	224	81	24	5.3
Renter occupied housing units -----	38 323	1 874	4 993	10 463	11 289	6 213	2 554	690	247	3.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access -----	36 100	1 001	4 405	10 141	10 894	6 237	2 492	671	259	3.7
PERSONS										
1 person-----	10 610	1 521	2 911	3 861	1 705	462	91	39	20	2.7
2 persons-----	12 201	260	1 483	4 328	3 966	1 563	494	82	25	3.5
3 persons-----	5 869	39	396	1 191	2 500	1 211	406	109	17	4.0
4 persons-----	4 227	20	110	542	1 645	1 178	534	150	48	4.4
5 persons-----	2 554	14	62	288	758	813	457	103	59	4.7
6 persons or more-----	2 862	20	31	253	715	986	572	207	78	4.9
Median-----	2.2	1.1	1.4	1.8	2.5	3.4	4.0	4.3	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities -----	37 128	1 450	4 643	10 217	11 168	6 176	2 537	690	247	3.7
0.50 or less-----	15 444	-	2 695	3 766	5 623	2 025	985	230	120	3.7
0.51 to 1.00-----	17 069	1 161	1 437	5 455	4 116	3 177	1 208	403	112	3.6
1.01 to 1.50-----	3 011	-	375	522	1 052	721	269	57	15	4.1
1.51 or more-----	1 604	289	136	474	377	253	75	-	-	3.3
Lacking some or all plumbing facilities -----	1 193	424	350	246	121	37	17	-	-	2.0
0.50 or less-----	365	-	216	95	48	-	6	-	-	2.3
0.51 to 1.00-----	535	360	46	64	29	25	11	-	-	1.2
1.01 to 1.50-----	63	-	21	20	16	6	-	-	-	...
1.51 or more-----	232	64	67	67	28	6	-	-	-	2.3
BEDROOMS										
None-----	2 665	1 898	654	113	-	-	-	-	-	1.2
1-----	14 163	-	4 375	7 965	1 521	244	58	-	-	2.8
2-----	14 743	-	-	1 768	10 185	2 341	417	32	-	4.1
3 or more-----	6 788	-	-	-	206	3 470	2 186	686	240	5.4
YEAR STRUCTURE BUILT										
1969 to March 1970-----	1 002	34	75	179	474	176	40	17	7	3.9
1960 to 1968-----	11 732	575	2 012	3 454	3 393	1 405	594	213	86	3.4
1950 to 1959-----	10 788	254	933	2 613	3 216	2 422	1 081	216	53	4.0
1949 or earlier-----	14 801	1 011	1 973	4 217	4 206	2 210	839	244	101	3.5
COMPLETE BATHROOMS										
1 and 1 1/2-----	33 124	1 373	4 429	10 078	10 236	5 116	1 555	262	75	3.6
2 or more-----	3 473	15	43	94	664	1 121	943	409	184	5.3
None or also used by another household-----	1 723	463	478	449	201	61	37	14	-	2.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied! -----	37 333	1 850	4 894	10 301	10 977	6 005	2 455	639	212	3.6
Less than 10 percent-----	3 674	211	395	844	1 079	872	141	71	61	3.9
10 to 14 percent-----	5 042	177	540	1 360	1 700	882	271	87	25	3.8
15 to 19 percent-----	5 554	154	690	1 440	1 687	971	485	78	49	3.8
20 to 24 percent-----	4 474	149	558	1 297	1 411	697	293	66	3	3.7
25 to 34 percent-----	5 223	187	785	1 543	1 523	718	378	73	16	3.6
35 percent or more-----	10 233	809	1 597	3 248	2 864	1 173	416	114	12	3.3
Not computed-----	3 133	163	329	569	713	692	471	150	46	4.2

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

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

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

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	72 462	9 316	23 338	11 600	11 397	7 679	4 861	2 432	1 839	2.1
BEDROOMS										
None and 1	6 918	2 376	3 169	567	213	165	179	205	44	1.8
2	25 253	4 612	11 990	4 003	2 305	1 130	610	355	248	2.2
3	30 451	1 801	7 171	6 200	6 786	4 214	2 388	1 103	788	2.2
4 or more	9 804	301	987	1 160	2 157	1 992	1 602	900	705	2.6
YEAR STRUCTURE BUILT										
1969 to March 1970	4 741	358	1 590	866	855	588	306	110	68	3.0
1965 to 1968	8 107	829	3 018	1 024	1 391	946	529	216	154	2.7
1960 to 1964	16 225	1 602	5 062	2 666	2 878	1 903	1 202	559	353	3.0
1950 to 1959	27 814	3 107	8 382	4 671	4 605	3 174	2 014	1 046	815	3.0
1940 to 1949	9 279	1 785	3 218	1 470	1 086	702	464	301	253	2.4
1939 or earlier	6 296	1 635	2 068	903	582	366	346	200	196	2.2
UNITS IN STRUCTURE										
1	59 753	6 149	17 612	9 847	10 340	7 125	4 555	2 323	1 802	3.1
2 or more	3 364	1 068	1 338	503	231	100	65	48	11	2.0
Mobile home or trailer	9 345	2 099	4 388	1 250	826	454	241	61	26	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	43 201	7 287	15 593	6 710	5 640	3 762	2 290	1 073	846	2.4
2 and 2 1/2	24 839	1 505	6 859	4 220	5 076	3 402	2 089	999	689	3.5
3 or more	2 618	142	509	409	521	394	328	153	162	4.0
None or also used by another household	1 807	466	405	190	123	128	174	164	157	2.7
HOUSEHOLD COMPOSITION										
Two-or-more-person households	63 146	...	23 338	11 600	11 397	7 679	4 861	2 432	1 839	3.1
Male head, wife present, no nonrelatives	54 290	...	19 410	9 464	10 284	6 947	4 400	2 171	1 614	3.3
Under 25 years	1 482	...	495	483	319	115	47	18	5	3.0
25 to 34 years	8 927	...	1 064	1 626	2 900	1 835	1 045	295	162	4.1
35 to 44 years	11 832	...	800	1 265	2 833	2 874	2 037	1 174	849	4.9
45 to 64 years	22 305	...	8 979	5 040	3 903	2 015	1 188	635	545	2.9
65 years and over	9 744	...	8 072	1 050	329	108	83	49	53	2.1
Other male head	2 357	...	904	533	314	259	160	115	72	3.0
Under 65 years	1 875	...	652	408	274	224	152	104	61	3.2
65 years and over	482	...	252	125	40	35	8	11	11	2.5
Female head	6 499	...	3 024	1 803	799	473	301	146	153	2.6
Under 65 years	4 958	...	1 935	1 324	733	432	269	137	128	2.9
65 years and over	1 541	...	1 089	279	66	41	32	9	25	2.3
One-person households	9 316	9 316	...	...	...	...	...	...	...	1.8
VALUE-INCOME RATIO										
Specified owner occupied¹	58 002	5 938	16 957	9 616	10 100	6 951	4 419	2 264	1 757	3.1
Less than 1.5	19 850	629	4 632	3 744	3 989	2 972	1 871	1 051	962	3.7
1.5 to 1.9	12 142	565	3 009	2 179	2 668	1 737	1 183	513	288	3.6
2.0 to 2.4	7 541	536	2 176	1 250	1 479	1 043	572	273	212	3.3
2.5 to 2.9	4 503	482	1 564	772	655	428	336	161	105	2.8
3.0 to 3.9	4 654	644	1 932	631	573	429	237	111	97	2.4
4.0 or more	8 591	2 806	3 461	942	661	314	186	138	83	1.9
Not computed	721	276	183	98	75	28	34	17	10	2.0
Renter occupied housing units	38 323	10 610	12 201	5 869	4 227	2 554	1 228	811	433	1.8
BEDROOMS										
None	2 665	2 078	382	80	60	22	-	20	23	1.1
1	14 163	6 737	5 351	1 413	308	208	84	41	21	1.6
2	14 743	1 838	5 457	3 053	2 279	1 057	568	241	250	2.5
3 or more	6 788	209	982	1 026	1 490	1 453	685	410	533	4.3
YEAR STRUCTURE BUILT										
1969 to March 1970	1 002	219	399	177	134	51	4	13	5	2.0
1965 to 1968	3 337	910	1 236	555	331	145	48	42	70	2.1
1960 to 1964	8 395	2 429	3 246	1 142	809	449	197	65	58	2.6
1950 to 1959	10 788	2 342	3 182	1 827	1 459	919	308	268	268	2.5
1940 to 1949	7 515	2 076	2 179	1 260	833	567	258	172	170	2.3
1939 or earlier	7 286	2 634	1 959	908	661	423	238	211	252	2.8
UNITS IN STRUCTURE										
1	19 402	3 651	5 303	3 223	2 844	1 988	1 007	707	679	2.7
2	3 599	1 050	1 170	648	366	173	96	44	52	2.1
3 and 4	3 200	1 135	1 349	441	146	76	22	16	15	1.8
5 to 9	1 613	625	478	213	115	80	38	15	49	1.9
10 to 19	3 400	1 239	1 309	546	187	73	22	5	19	1.9
20 or more	5 328	2 247	1 962	559	425	79	33	19	4	1.7
Mobile home or trailer	1 781	663	630	239	144	85	10	5	5	1.9
COMPLETE BATHROOMS										
1 and 1 1/2	33 124	9 330	11 069	5 176	3 445	1 943	920	691	550	2.3
2 or more	3 473	266	877	648	709	472	255	113	133	3.4
None or also used by another household	1 723	902	214	154	102	137	33	55	126	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	27 713	...	12 201	5 869	4 227	2 554	1 228	811	433	1.8
Male head, wife present, no nonrelatives	21 440	...	9 089	4 489	3 309	2 124	1 047	678	704	2.9
Under 25 years	4 531	...	2 450	1 455	1 422	128	40	25	11	2.4
25 to 34 years	6 650	...	1 826	1 571	1 617	904	367	188	177	4.5
35 to 44 years	3 384	...	560	326	747	740	415	260	336	2.6
45 to 64 years	4 497	...	2 152	962	490	320	209	189	175	2.4
65 years and over	2 378	...	2 101	175	33	32	16	5	3	2.1
Other male head	2 153	...	1 224	461	273	112	31	24	28	2.4
Under 65 years	2 014	...	1 141	420	263	107	31	24	28	2.4
65 years and over	139	...	83	41	10	5	-	-	-	2.1
Female head	4 120	...	1 888	919	645	318	150	109	91	2.1
Under 65 years	3 750	...	1 606	875	612	312	150	104	91	2.6
65 years and over	370	...	282	44	33	6	-	5	-	2.2
One-person households	10 610	10 610	...	...	...	...	...	...	...	1.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	37 333	10 427	11 897	5 734	4 086	2 440	1 192	776	781	1.2
Less than 10 percent	3 674	656	1 172	557	499	314	208	163	105	2.5
10 to 14 percent	5 042	839	1 702	819	735	459	184	118	186	2.5
15 to 19 percent	5 554	1 040	1 894	994	690	424	246	145	121	2.4
20 to 24 percent	4 474	1 061	1 558	753	482	292	181	74	73	2.3
25 to 34 percent	5 223	1 569	1 692	836	529	301	136	75	85	2.1
35 percent or more	10 233	4 411	3 043	1 332	704	372	130	127	114	1.7
Not computed	3 133	851	836	443	447	278	107	74	97	2.4

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

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

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

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	1 145	678	282	185	Vacant for rent	3 374	2 703	404	267
ROOMS					ROOMS				
1 to 3 rooms	80	17	27	36	1 room	296	240	36	20
4 rooms	209	109	55	45	2 rooms	775	631	86	58
5 rooms	377	235	71	71	3 rooms	1 094	936	85	73
6 rooms	255	181	55	19	4 rooms	687	518	96	73
7 rooms or more	224	136	74	14	5 rooms	371	279	53	39
PLUMBING FACILITIES					6 rooms	92	54	34	4
With all plumbing facilities	1 105	667	274	164	7 rooms or more	59	45	14	-
Lacking some or all plumbing facilities	40	11	8	21	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities	3 292	2 661	374	257
None and 1	90	21	12	57	Lacking some or all plumbing facilities	82	42	30	10
2	328	143	108	77	BEDROOMS				
3	634	476	142	16	None	351	211	65	75
4 or more	236	219	17	-	1	1 431	1 182	167	82
YEAR STRUCTURE BUILT					2	1 304	1 035	165	104
1969 to March 1970	443	346	67	30	3 or more	225	112	59	54
1960 to 1968	216	117	47	52	YEAR STRUCTURE BUILT				
1950 to 1959	259	141	100	18	1969 to March 1970	122	122	-	-
1949 or earlier	227	74	68	85	1960 to 1968	1 260	1 131	106	23
UNITS IN STRUCTURE					1950 to 1959	835	684	106	45
1	1 040	638	258	144	1949 or earlier	1 157	766	192	199
2 or more	105	40	24	41	UNITS IN STRUCTURE				
HEATING EQUIPMENT					1	1 249	857	230	162
Steam or hot water	-	-	-	-	2 to 4	798	695	70	33
Warm-air furnace	892	607	204	81	5 to 9	202	152	25	23
Built-in electric units	20	16	-	4	10 to 19	461	377	53	31
Floor, wall, or pipeless furnace	135	42	48	45	20 or more	664	622	26	16
Other means	66	13	13	40	RENT ASKED				
None	32	-	17	15	Specified vacant for rent²	3 338	2 679	396	263
SALES PRICE ASKED					Less than \$50	267	113	75	79
Specified vacant for sale¹	1 004	618	249	137	\$50 to \$59	208	146	36	26
Less than \$5,000	42	-	8	34	\$60 to \$79	484	336	79	69
\$5,000 to \$9,999	71	27	22	41	\$80 to \$99	585	516	40	29
\$10,000 to \$14,999	201	76	84	41	\$100 to \$119	511	459	46	6
\$15,000 to \$19,999	258	198	37	23	\$120 to \$149	413	344	46	6
\$20,000 to \$24,999	141	111	24	6	\$150 to \$199	505	450	47	23
\$25,000 to \$34,999	146	116	30	-	\$200 or more	365	315	27	8
\$35,000 to \$49,999	89	60	23	6	Median rent asked	\$105	\$110	\$84	\$68
\$50,000 or more	56	30	21	5					
Median price asked	\$18 600	\$20 400	\$16 400	\$11 500					

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

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

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

The SMSA	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
		\$10,000	\$14,999	\$19,999	\$24,999	\$34,999	or more		\$60	\$79	\$99	\$149	\$199	or more
Total	1 004	113	201	258	141	146	145	3 338	475	484	585	924	505	365
PLUMBING FACILITIES														
With all plumbing facilities	1 051	70	150	278	279	185	89	3 201	525	448	599	837	426	366
Lacking some or all plumbing facilities	57	57	-	-	-	-	-	71	40	31	-	-	-	-
BEDROOMS														
None and 1	90	78	12	-	-	-	-	1 765	399	307	420	309	204	126
2	269	49	23	113	67	-	17	1 304	105	140	179	503	177	200
3	547	-	115	165	142	125	-	143	22	32	-	25	24	40
4 or more	202	-	-	-	70	60	72	60	39	-	-	-	21	-
YEAR STRUCTURE BUILT														
1969 to March 1970	382	4	25	114	62	91	86	122	4	9	8	10	82	9
1960 to 1968	171	16	39	55	25	4	32	1 241	26	55	262	511	233	154
1950 to 1959	242	21	56	81	33	47	4	831	112	138	124	229	115	113
1949 or earlier	209	72	81	8	21	4	23	1 144	333	282	191	174	75	89
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	1 213	323	223	189	239	121	118
2 to 4 .....	...	...	...	...	...	...	...	798	50	105	271	319	33	20
5 to 9 .....	...	...	...	...	...	...	...	663	80	128	85	182	115	73
10 or more .....	...	...	...	...	...	...	...	664	22	28	40	184	236	154
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	1 036	177	148	143	211	186	171
Some or no utilities included .....	...	...	...	...	...	...	...	2 302	298	336	442	713	319	194

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

Table A-19. Value of Owner Occupied Housing Units With Household Head of Spanish Language or Spanish Surname: 1970

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

The SMSA

	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	11 313	990	1 203	1 646	2 157	1 755	2 141	772	428	121	100	13 199
ROOMS												
1 and 2 rooms	388	264	67	32	12	6	-	7	-	-	-	5000-
3 rooms	665	292	177	97	44	31	4	7	13	-	-	5 600
4 rooms	2 688	242	551	844	591	276	122	32	16	14	-	9 100
5 rooms	3 619	113	271	404	913	844	812	178	72	6	6	12 800
6 rooms	2 519	60	82	189	474	402	864	273	126	33	16	15 200
7 rooms	1 084	19	31	72	113	171	281	215	143	18	21	17 500
8 rooms or more	350	-	24	8	10	25	58	60	58	50	57	24 200
Median	5.0	3.3	4.1	4.3	5.0	5.2	5.7	6.1	6.4	6.9	7.5+	...
PERSONS												
1 person	574	150	122	88	64	59	64	15	8	4	-	7 900
2 persons	1 897	186	244	332	357	256	284	148	57	33	-	11 300
3 persons	1 679	105	184	209	359	251	333	148	70	7	13	12 400
4 persons	1 939	84	135	234	323	352	469	160	134	14	34	13 900
5 persons	1 723	102	148	265	345	309	374	114	43	11	12	15 500
6 persons or more	3 501	363	370	518	709	528	617	187	116	52	41	11 800
Median	4.3	4.1	3.9	4.3	4.4	4.4	4.3	4.0	4.1	4.7	4.8	...
Units with roomers, boarders, or lodgers	173	18	7	19	34	38	23	28	6	-	-	13 100
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 505	436	1 078	1 592	2 126	1 732	2 133	772	415	191	100	11 599
0.50 or less	2 566	125	244	402	452	385	538	230	118	49	23	12 900
0.51 to 1.00	5 223	162	453	596	1 048	929	1 222	427	255	59	72	13 400
1.01 to 1.50	1 960	64	224	409	441	345	335	115	22	-	5	11 600
1.51 or more	756	85	157	185	185	73	38	-	20	13	-	9 300
Lacking some or all plumbing facilities	808	554	125	54	31	23	8	-	13	-	-	9999-
0.50 or less	138	75	45	11	7	-	-	-	-	-	-	5000-
0.51 to 1.00	203	132	22	15	13	-	8	-	13	-	-	5000-
1.01 to 1.50	115	54	29	9	9	23	-	-	-	-	-	5 300
1.51 or more	352	293	29	19	11	-	-	-	-	-	-	5000-
YEAR STRUCTURE BUILT												
1969 to March 1970	226	25	-	-	-	31	100	23	35	6	6	16 900
1965 to 1968	790	28	21	50	52	70	192	145	94	35	13	12 900
1960 to 1964	1 682	19	49	124	321	339	442	213	89	44	42	14 900
1950 to 1959	4 631	141	385	751	1 068	792	1 042	276	144	19	13	12 400
1940 to 1949	2 260	319	393	448	349	367	275	56	33	12	8	9 800
1939 or earlier	1 814	458	355	273	367	156	90	59	33	5	18	8 400
COMPLETE BATHROOMS												
1 and 1/2	7 463	369	1 042	1 493	1 808	1 264	1 081	301	69	28	8	11 300
2 and 2 1/2	2 765	20	14	88	286	448	1 028	453	320	65	43	17 200
3 or more	138	-	-	-	-	5	24	6	26	28	49	31 300
None or also used by another household	947	601	147	65	63	38	8	12	13	-	-	5000-
HOUSEHOLD COMPOSITION												
Two-or-more-person households	10 739	840	1 081	1 558	2 093	1 696	2 077	757	420	117	100	11 899
Male head, wife present, no nonrelatives	9 086	538	803	1 334	1 779	1 492	1 873	686	394	111	76	12 600
Under 25 years	290	28	35	26	72	59	54	-	-	8	8	11 900
25 to 34 years	1 903	52	105	205	362	425	494	159	94	7	-	13 800
35 to 44 years	2 556	139	114	431	512	447	577	165	99	39	33	13 000
45 to 64 years	3 405	195	395	468	636	496	668	291	178	43	35	12 500
65 years and over	932	124	154	204	197	65	80	71	23	14	-	9 800
Other male head	455	113	42	67	104	41	40	13	5	6	24	10 300
Under 65 years	367	87	42	44	85	41	28	13	5	6	16	10 300
65 years and over	88	26	-	23	19	-	12	-	-	-	8	-
Female head	1 198	189	236	157	210	163	164	58	21	-	-	10 200
Under 65 years	891	106	184	127	145	134	135	46	14	-	-	10 300
65 years and over	307	83	52	30	65	29	12	7	7	-	-	9 000
One-person households	574	150	122	88	64	59	64	15	8	4	-	7 900
Under 65 years	256	58	53	28	42	27	33	7	8	-	-	9 000
65 years and over	318	92	69	60	22	32	31	8	-	4	-	7 400
INCOME IN 1969												
Less than \$2,000	1 097	389	187	171	91	136	79	31	7	6	-	7 100
\$2,000 to \$2,999	581	146	107	93	101	48	52	27	7	-	-	8 500
\$3,000 to \$3,999	512	64	92	168	99	37	34	6	12	-	-	9 000
\$4,000 to \$4,999	563	110	81	91	118	67	60	14	14	8	-	10 000
\$5,000 to \$5,999	689	74	114	139	157	88	84	19	6	6	-	10 300
\$6,000 to \$6,999	857	35	134	167	186	158	130	33	8	6	-	11 200
\$7,000 to \$9,999	3 094	91	346	486	708	545	590	260	49	13	8	12 200
\$10,000 to \$14,999	2 602	57	129	269	530	500	713	242	120	34	8	14 100
\$15,000 to \$24,999	1 109	24	13	56	151	170	349	116	156	42	32	16 700
\$25,000 or more	209	-	-	6	16	6	24	49	12	46	25	25 500
Median	\$8 300	\$2 700	\$6 200	\$7 000	\$8 400	\$8 900	\$10 300	\$10 000	\$14 600	\$14 000	\$23 800	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 254	71	42	130	225	275	277	138	72	12	12	13 900
1968	875	46	52	118	135	101	262	99	41	21	-	14 600
1967	747	19	92	70	137	128	131	73	83	14	-	13 600
1965 and 1966	1 277	76	101	223	199	231	255	122	39	12	19	12 900
1960 to 1964	2 025	66	184	276	435	339	408	156	73	37	51	12 900
1950 to 1959	3 676	390	445	569	808	497	689	144	95	21	18	11 300
1949 or earlier	1 459	322	287	260	218	184	119	40	25	4	-	8 700
HEATING EQUIPMENT												
Steam or hot water	39	-	-	-	-	-	34	-	-	5	-	15 200
Warm-air furnace	5 854	221	132	488	1 078	1 132	1 732	658	410	102	100	11 500
Built-in electric units	168	6	16	37	41	21	30	12	5	-	-	10 900
Floor, wall, or pipeless furnace	1 606	32	215	393	475	316	168	7	-	-	-	10 900
Other means	3 437	805	803	695	556	286	177	95	6	14	-	7 900
None	209	125	37	33	7	-	-	-	7	-	-	5000-
AIR CONDITIONING												
Room unit(s)	799	41	134	153	199	89	63	81	34	5	-	10 900
Central system	1 541	-	47	131	207	214	398	219	204	55	64	16 900
None	8 973	949	1 022	1 362	1 751	1 452	1 680	472	190	61	34	11 800

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

Table A-20. Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language or Spanish Surname: 1970

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	7 083	1 058	754	1 049	747	1 202	811	549	332	78	7	494	76
ROOMS													
1 room	262	87	48	34	20	16	7	15	7	-	-	28	56
2 rooms	743	195	81	99	85	127	44	15	21	-	-	56	67
3 rooms	2 013	344	271	453	221	279	180	106	77	-	-	82	68
4 rooms	2 209	319	178	250	261	456	280	192	82	26	7	158	81
5 rooms	1 284	95	141	150	101	258	177	112	94	29	-	127	87
6 rooms	432	12	31	50	36	47	97	83	45	6	-	25	106
7 rooms	107	6	6	5	13	11	6	26	6	17	-	11	...
8 rooms or more	33	-	-	8	10	8	-	-	-	-	-	7	...
Median	3.7	3.2	3.4	3.4	3.7	3.9	4.1	4.2	4.2	...	...	4.0	...
PERSONS													
1 person	1 018	299	159	116	51	125	63	77	40	-	-	88	61
2 persons	1 463	229	109	165	155	250	188	149	111	18	7	82	82
3 persons	1 470	189	154	210	206	280	183	110	71	8	-	59	77
4 persons	1 051	125	93	200	88	172	178	57	40	20	-	78	78
5 persons	724	98	77	107	82	163	78	23	27	6	-	63	74
6 persons or more	1 357	118	164	251	165	212	121	133	43	26	-	124	75
Median	3.2	2.5	3.2	3.7	3.3	3.3	3.3	2.9	2.7	...	...	3.7	...
Units with roomers, boarders, or lodgers	133	-	-	16	12	7	19	9	29	14	-	27	119
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	6 467	839	712	1 026	726	1 194	797	549	332	78	7	347	78
0.50 or less	1 490	210	165	123	105	249	165	184	114	18	7	150	85
0.51 to 1.00	3 063	438	268	448	344	549	441	262	171	51	-	91	80
1.01 to 1.50	1 281	108	168	246	167	281	120	81	37	9	-	64	75
1.51 or more	773	83	111	209	110	115	71	22	10	-	-	42	68
Lacking some or all plumbing facilities	474	219	44	23	21	8	14	-	-	-	-	147	38-
0.50 or less	106	93	-	7	-	-	-	-	-	-	-	6	50-
0.51 to 1.00	177	62	35	9	11	8	7	-	-	-	-	45	51
1.01 to 1.50	40	-	-	-	-	-	7	-	-	-	-	20	...
1.51 or more	153	51	9	7	10	-	-	-	-	-	-	76	...
YEAR STRUCTURE BUILT													
1969 to March 1970	95	15	6	-	10	6	19	-	7	21	-	11	...
1965 to 1968	458	89	44	45	25	63	34	60	66	19	-	13	87
1960 to 1964	777	20	6	51	39	135	192	115	121	22	7	69	111
1950 to 1959	1 851	158	242	207	131	371	318	191	103	9	-	121	88
1940 to 1949	1 780	288	154	307	302	376	129	125	14	7	-	78	73
1939 or earlier	2 122	488	304	439	240	251	119	58	21	-	-	202	64
COMPLETE BATHROOMS													
1 and 1 1/2	6 081	804	664	955	688	1 118	754	509	287	22	-	280	77
2 or more	298	5	20	15	-	45	31	40	38	56	7	41	129
None or also used by another household	704	249	72	79	59	39	26	-	7	-	-	173	52
INCOME IN 1969													
Less than \$2,000	1 221	388	108	157	101	153	54	76	47	20	-	117	64
\$2,000 to \$2,999	771	138	118	132	77	96	46	36	54	-	-	74	67
\$3,000 to \$3,999	673	106	100	104	51	134	61	65	20	-	-	32	72
\$4,000 to \$4,999	689	88	71	103	112	102	75	45	35	-	-	58	75
\$5,000 to \$5,999	675	46	50	127	115	148	85	54	20	-	-	30	79
\$6,000 to \$6,999	613	62	97	114	72	88	69	19	35	7	-	50	71
\$7,000 to \$9,999	1 455	156	104	192	152	341	263	107	52	14	-	74	85
\$10,000 to \$14,999	771	62	90	99	49	120	154	96	52	9	-	40	89
\$15,000 to \$24,999	197	12	18	21	18	20	4	51	12	22	-	19	100
\$25,000 or more	18	-	-	-	-	-	-	-	5	6	-	-	...
Median	\$5 300	\$3 000	\$4 700	\$5 200	\$5 300	\$5 800	\$7 200	\$6 000	\$5 500	...	...	\$4 400	...
YEAR MOVED INTO UNIT													
1969 to March 1970	3 336	384	291	378	339	643	465	382	234	71	-	149	87
1968	875	101	66	174	102	149	136	69	37	7	-	34	78
1967	708	153	59	129	69	119	89	30	37	-	7	16	71
1965 and 1964	909	130	162	151	105	188	83	39	12	-	-	39	69
1960 to 1964	658	156	98	128	87	75	20	29	12	-	-	53	64
1950 to 1959	398	96	59	53	45	28	18	-	-	-	-	99	59
1949 or earlier	199	38	21	36	-	-	-	-	-	-	-	104	...
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 074	376	221	237	87	103	32	7	5	6	-	...	57
10 to 14 percent	1 429	157	179	246	168	314	205	119	17	17	7	...	78
15 to 19 percent	1 094	109	87	180	195	218	189	62	40	14	-	...	79
20 to 24 percent	670	76	60	69	79	146	134	78	28	-	-	...	86
25 to 34 percent	775	141	108	74	60	131	106	69	72	14	-	...	81
35 percent or more	1 459	184	101	243	158	274	131	206	149	13	-	...	84
Not computed	582	15	-	-	-	16	14	8	21	14	-	494	...
AIR CONDITIONING													
Room unit(s)	881	167	160	157	68	157	58	32	27	-	-	55	65
Central system	600	31	7	25	35	80	55	121	140	52	7	47	131
None	5 602	860	589	867	644	965	698	396	165	26	-	392	74

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

Table A-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

(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
												Income
Owner occupied housing units	12 394	1 249	680	586	603	769	968	3 347	2 774	1 195	223	\$ 3,000
ROOMS												
1 and 2 rooms	467	219	67	28	36	63	26	22	6	-	-	2 300
3 rooms	989	268	162	79	75	121	51	152	59	22	-	3 000
4 rooms	3 039	383	190	252	171	208	366	815	466	180	8	4 000
5 rooms	3 804	195	150	132	176	227	364	1 224	978	312	46	5 000
6 rooms	2 595	139	58	84	112	115	96	741	812	363	75	6 000
7 rooms or more	1 500	45	53	11	33	35	65	393	453	318	94	11 300
PERSONS												
1 person	736	416	121	61	-	36	14	64	5	19	-	2,000-
2 persons	2 160	405	217	176	154	122	135	453	339	133	26	4 000
3 and 4 persons	4 001	248	149	139	189	260	373	1 204	925	433	81	6 000
5 persons	1 818	55	52	91	65	97	136	547	523	219	33	8 000
6 persons or more	3 679	125	141	119	195	254	310	1 079	982	391	83	9 000
Units with roomers, boarders, or lodgers	198	20	8	6	-	22	9	62	50	21	-	6 000
YEAR STRUCTURE BUILT												
1969 to March 1970	402	37	30	21	20	40	45	103	54	32	20	7 000
1960 to 1968	2 740	182	105	67	94	151	199	873	647	349	53	7 000
1950 to 1959	4 902	245	183	172	176	264	452	1 474	1 343	523	79	7 000
1949 or earlier	4 350	785	362	326	313	314	272	897	710	291	80	6 000
YEAR MOVED INTO UNIT												
1969 to March 1970	1 642	151	98	53	114	168	166	453	313	78	48	7 000
1968	994	46	23	65	47	81	86	304	230	106	6	8 000
1960 to 1967	4 349	220	191	155	161	217	308	1 359	1 153	524	61	8 000
1959 or earlier	5 409	832	368	313	281	303	408	1 231	1 078	487	106	8 000
SELECTED CHARACTERISTICS												
With air conditioning	2 582	219	116	62	92	174	132	653	661	349	124	6 000
Room unit(s)	922	142	54	33	50	94	54	173	253	69	-	7 000
Central system	1 660	77	62	29	42	80	78	480	408	280	124	6 000
Automobiles available:												
1	5 136	416	280	295	325	534	506	1 695	833	233	19	4 000
2	4 440	154	79	107	134	132	164	1 262	1 467	617	124	4 000
3 or more	1 348	27	23	29	42	51	60	265	434	337	80	12 000
Renter occupied housing units	7 252	1 237	786	681	713	697	620	1 489	807	197	13	\$ 2,000
ROOMS												
1 room	262	124	29	20	29	-	12	36	12	-	-	3 000
2 rooms	768	184	88	90	85	118	44	119	34	6	-	4 000
3 rooms	2 059	395	242	275	242	189	157	264	105	33	-	5 000
4 rooms	2 237	324	179	204	206	210	183	554	298	72	3	6 000
5 rooms	1 342	134	53	72	94	109	165	418	239	45	13	7 000
6 rooms or more	584	76	40	53	24	71	59	96	119	41	5	8 000
PERSONS												
1 person	1 029	546	86	79	72	26	28	134	38	20	-	2,000-
2 persons	1 493	260	216	133	145	120	146	247	183	36	7	4 000
3 and 4 persons	2 572	280	305	283	295	332	189	552	261	62	13	6 000
5 persons	742	54	90	55	74	97	72	203	91	6	-	8 000
6 persons or more	1 416	97	89	131	127	122	185	353	234	73	5	9 000
Units with roomers, boarders, or lodgers	133	29	28	11	-	12	15	24	7	7	-	2 000
YEAR STRUCTURE BUILT												
1969 to March 1970	95	28	7	7	-	-	10	26	17	-	-	4 000
1960 to 1968	1 263	168	104	131	118	81	82	313	188	60	3	4 000
1950 to 1959	1 873	201	197	128	173	194	208	415	280	77	7	4 000
1949 or earlier	4 021	840	478	415	422	422	320	735	322	60	9	4 000
YEAR MOVED INTO UNIT												
1969 to March 1970	3 420	607	407	425	326	367	234	590	349	102	33	6 000
1968	900	123	61	44	130	79	115	188	136	24	12	6 000
1960 to 1967	2 328	376	249	183	214	197	214	607	243	33	17	6 000
1959 or earlier	604	131	69	29	43	54	57	104	79	38	1	6 000
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	7 083	1 221	771	673	689	675	613	1 455	771	197	18	4 000
Less than 15 percent	2 503	-	25	82	129	153	316	953	654	173	13	4 000
15 to 19 percent	1 094	25	60	96	169	251	135	283	70	5	-	4 000
20 to 24 percent	670	36	57	115	140	152	63	100	7	-	-	4 000
25 to 34 percent	775	135	180	177	129	67	42	45	-	-	-	4 000
35 percent or more	1 459	820	375	171	64	22	7	-	-	-	-	4 000
Not computed	582	205	74	32	58	30	50	74	40	19	-	4 000
SELECTED CHARACTERISTICS												
With air conditioning	1 504	326	167	134	167	114	107	221	191	59	16	6 000
Room unit(s)	897	235	126	69	94	85	61	106	82	39	-	6 000
Central system	607	91	41	65	73	29	46	115	109	20	-	6 000
Automobiles available:												
1	4 153	475	383	417	522	438	404	997	445	65	7	4 000
2	1 303	56	16	87	83	151	144	334	309	110	13	4 000
3 or more	206	15	44	5	-	13	22	58	33	11	-	4 000

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

Table A-22. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units With Household Head of Spanish Language or Spanish Surname: 1970

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

The SMSA

	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	12 394	11 468	2 831	5 763	2 055	819	926	152	238	138	398
PERSONS											
1 person	736	586	575	11	-	-	150	114	36	-	-
2 persons	2 160	1 995	1 638	351	-	6	165	31	100	-	34
3 persons	1 906	1 806	560	1 246	-	-	100	7	66	27	-
4 persons	2 095	2 036	53	1 910	65	8	59	-	14	8	37
5 persons	1 818	1 744	5	1 344	365	30	74	-	22	13	39
6 persons or more	3 679	3 301	-	901	1 625	775	378	-	-	90	288
Median	4.2	4.2	2.0	4.2	6.2	7.5+	4.3	1.2	2.3	5.8	6.7
Units with roomers, boarders, or lodgers	198	189	37	97	37	18	9	-	-	9	-
YEAR STRUCTURE BUILT											
1969 to March 1970	402	353	91	175	68	19	49	-	7	7	35
1965 to 1968	840	760	163	458	105	34	80	7	6	9	12
1960 to 1964	1 900	1 849	380	1 034	346	89	51	7	23	32	35
1950 to 1959	4 902	4 779	969	2 474	980	356	123	27	40	16	40
1940 to 1949	2 388	2 112	556	995	343	218	276	51	76	30	119
1939 or earlier	1 962	1 615	672	627	213	103	347	60	86	44	157
INCOME IN 1969											
Less than \$2,000	1 249	849	521	278	25	25	400	94	145	36	125
\$2,000 to \$2,999	680	516	255	214	26	21	164	23	34	24	83
\$3,000 to \$3,999	586	523	206	177	90	50	63	18	-	9	36
\$4,000 to \$4,999	603	509	143	242	110	14	94	5	13	15	61
\$5,000 to \$5,999	749	708	133	309	176	90	61	5	6	7	43
\$6,000 to \$6,999	968	930	142	455	243	90	38	-	12	26	-
\$7,000 to \$9,999	3 347	3 286	647	1 728	662	249	61	-	14	14	33
\$10,000 to \$14,999	2 774	2 743	471	1 553	518	201	31	7	6	7	11
\$15,000 to \$24,999	1 195	1 181	244	680	183	74	14	-	8	-	6
\$25,000 or more	223	223	69	127	22	5	-	-	-	-	-
Median	\$8 200	\$8 600	\$7 100	\$9 100	\$8 600	\$8 400	\$2 400	\$2000-	\$2000-	\$4 000	\$2 900
VALUE-INCOME RATIO											
Specified owner occupied ¹	11 313	10 505	2 544	5 223	1 960	756	808	138	203	115	352
Less than 1.5	5 242	4 951	708	2 579	1 132	532	311	18	46	55	192
1.5 to 1.9	2 056	1 961	448	1 019	383	111	95	18	22	6	49
2.0 to 2.4	1 259	1 233	406	642	147	38	26	-	-	9	17
2.5 to 2.9	774	661	235	298	116	12	113	21	40	-	52
3.0 to 3.9	754	676	216	283	144	33	78	40	31	-	7
4.0 or more	1 094	944	509	367	38	30	150	33	54	45	18
Not computed	114	79	44	35	-	-	35	8	10	-	17
HEATING EQUIPMENT											
Steam or hot water	39	39	-	26	13	-	-	-	-	-	-
Warm-air furnace	6 329	6 301	1 487	3 426	1 073	315	28	7	14	7	-
Built-in electric units	254	235	32	132	59	12	19	6	7	-	6
Floor, wall, or pipeless furnace	1 788	1 781	491	832	332	126	7	-	-	7	-
Other means	3 736	2 977	781	1 311	538	347	759	118	168	124	349
None	248	135	40	36	40	19	113	21	49	-	43
Renter occupied housing units	7 252	6 746	1 515	3 128	1 295	808	506	106	177	55	168
PERSONS											
1 person	1 029	853	727	126	-	-	176	106	70	-	-
2 persons	1 493	1 454	704	743	-	7	39	-	32	-	8
3 persons	1 491	1 416	77	1 150	166	23	75	-	55	12	6
4 persons	1 081	1 019	7	708	268	36	62	-	12	29	21
5 persons	742	682	-	261	272	149	60	-	8	-	52
6 persons or more	1 416	1 322	-	140	589	593	94	-	-	14	80
Median	3.2	3.3	1.5	3.1	5.3	7.1	3.0	1.0	2.1	...	5.4
Units with roomers, boarders, or lodgers	133	121	28	76	11	6	12	-	5	-	7
YEAR STRUCTURE BUILT											
1969 to March 1970	95	95	34	48	6	7	-	-	-	-	-
1965 to 1968	464	464	86	264	90	24	-	-	-	-	-
1960 to 1964	799	771	245	391	85	50	28	-	-	15	13
1950 to 1959	1 873	1 779	284	801	454	240	94	8	30	-	56
1940 to 1949	1 824	1 716	348	844	377	147	108	22	30	14	42
1939 or earlier	2 197	1 921	518	780	283	340	276	76	117	26	57
INCOME IN 1969											
Less than \$2,000	1 237	1 052	486	434	93	39	185	86	60	5	34
\$2,000 to \$2,999	786	611	139	325	146	61	115	7	37	7	64
\$3,000 to \$3,999	681	611	78	330	150	53	70	13	34	23	8
\$4,000 to \$4,999	713	699	128	312	115	144	14	-	-	6	8
\$5,000 to \$5,999	697	674	89	315	161	109	23	-	7	7	9
\$6,000 to \$6,999	620	601	97	281	139	84	19	-	13	-	6
\$7,000 to \$9,999	1 489	1 428	272	642	325	189	61	-	13	7	41
\$10,000 to \$14,999	807	800	163	385	150	102	7	-	7	-	-
\$15,000 to \$24,999	197	185	56	86	16	27	12	-	6	-	6
\$25,000 or more	25	25	7	18	-	-	-	-	-	-	-
Median	\$5 300	\$5 500	\$4 400	\$5 500	\$5 900	\$6 000	\$2 600	\$2000-	\$2 800	...	\$2 800
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	7 083	6 607	1 490	3 063	1 281	773	476	106	177	40	153
Less than 10 percent	1 074	990	166	464	205	155	84	6	39	13	26
10 to 14 percent	1 429	1 408	233	708	266	201	21	7	7	-	7
15 to 19 percent	1 094	1 070	151	493	270	156	24	8	16	-	-
20 to 24 percent	670	616	97	283	172	64	54	14	25	-	15
25 to 34 percent	775	738	191	365	110	72	37	23	7	-	7
35 percent or more	1 359	1 359	464	618	194	83	100	33	38	7	22
Not computed	582	426	188	132	64	42	156	15	45	20	76
HEATING EQUIPMENT											
Steam or hot water	12	12	7	5	-	-	-	-	-	-	-
Warm-air furnace	1 865	1 845	499	953	276	117	20	-	6	-	14
Built-in electric units	188	162	26	109	27	-	26	-	13	-	13
Floor, wall, or pipeless furnace	1 372	1 352	297	584	281	190	20	7	13	-	-
Other means	3 401	3 059	647	1 344	648	420	342	66	117	44	115
None	414	316	39	133	63	81	98	33	28	11	26

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

Table A-23. Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language or Spanish Surname: 1970

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

The SMSA

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	12 394	150	317	989	3 039	3 804	2 595	1 111	389	4.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	11 298	17	121	661	2 775	3 691	2 539	1 105	389	5.1
PERSONS										
1 person	736	47	73	116	316	100	50	14	20	3.9
2 persons	2 160	40	117	334	619	552	364	89	45	4.5
3 persons	1 906	—	27	189	484	639	380	145	42	4.9
4 persons	2 095	18	27	73	454	725	496	249	53	5.2
5 persons	1 818	9	15	45	378	687	465	190	29	5.2
6 persons or more	3 679	36	58	232	788	1 101	840	424	200	5.2
Median	4.2	2.2	2.2	2.7	3.7	4.3	4.5	4.8	5.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	11 468	23	134	693	2 824	3 740	2 554	1 111	389	5.1
0.50 or less	2 831	—	28	101	869	633	787	248	165	5.2
0.51 to 1.00	5 763	11	83	410	919	2 029	1 359	745	207	5.2
1.01 to 1.50	2 055	—	—	65	668	841	378	86	17	4.9
1.51 or more	819	12	23	117	368	237	30	32	—	4.2
Lacking some or all plumbing facilities	924	127	183	296	215	64	41	—	—	3.8
0.50 or less	152	—	45	15	66	19	7	—	—	3.7
0.51 to 1.00	238	36	34	113	19	22	14	—	—	2.9
1.01 to 1.50	138	—	27	8	65	23	15	—	—	4.0
1.51 or more	398	91	77	160	65	—	5	—	—	2.7
YEAR STRUCTURE BUILT										
1969 to March 1970	402	22	12	75	52	134	80	27	—	4.8
1960 to 1968	2 740	23	51	130	426	962	639	350	159	5.3
1950 to 1959	4 902	18	64	223	1 237	1 709	1 114	434	183	5.0
1949 or earlier	4 350	87	190	561	1 324	999	762	300	127	4.5
COMPLETE BATHROOMS										
1 and 1/2	8 266	23	121	642	2 669	2 712	1 521	490	88	4.8
2 or more	3 051	—	—	19	106	992	1 018	615	301	5.9
None or also used by another household	1 077	127	196	328	264	100	56	6	—	3.2
VALUE-INCOME RATIO										
Specified owner occupied ¹	11 313	111	277	665	2 688	3 619	2 519	1 084	350	5.8
Less than 1.5	5 262	42	111	295	1 458	1 682	1 131	427	116	4.9
1.5 to 1.9	2 056	7	35	89	384	687	530	249	75	5.2
2.0 to 2.9	2 033	45	9	99	303	736	491	244	106	5.3
3.0 or more	1 848	13	108	150	536	492	345	151	53	4.7
Not computed	114	4	14	32	7	22	22	13	—	4.3
Renter occupied housing units	7 252	262	748	2 059	2 237	1 342	444	107	33	3.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	6 474	120	589	1 795	2 102	1 301	432	102	33	3.4
PERSONS										
1 person	1 029	196	253	355	190	29	6	—	—	2.7
2 persons	1 493	14	219	556	385	252	41	16	10	3.4
3 persons	1 491	31	178	499	536	170	71	6	—	3.5
4 persons	1 081	6	51	297	392	275	42	11	7	4.0
5 persons	742	—	52	149	272	215	—	48	6	4.1
6 persons or more	1 416	15	15	203	462	401	236	68	16	4.5
Median	3.2	1.2	2.1	2.7	3.5	4.3	5.7	6.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	6 746	156	626	1 903	2 168	1 309	444	187	33	3.1
0.50 or less	1 515	—	188	323	566	281	118	22	17	3.7
0.51 to 1.00	3 128	126	204	1 011	899	641	165	66	16	3.7
1.01 to 1.50	1 295	—	166	268	434	277	131	19	—	4.0
1.51 or more	808	30	68	301	269	110	30	—	—	3.5
Lacking some or all plumbing facilities	506	106	142	156	69	33	—	—	—	2.3
0.50 or less	106	—	65	32	9	—	—	—	—	2.3
0.51 to 1.00	177	70	15	44	29	19	—	—	—	2.8
1.01 to 1.50	55	—	12	29	7	7	—	—	—	2.8
1.51 or more	168	36	50	51	24	7	—	—	—	2.3
YEAR STRUCTURE BUILT										
1969 to March 1970	95	—	6	—	36	26	—	17	10	—
1960 to 1968	1 263	29	136	287	506	180	97	28	—	3.9
1950 to 1959	1 873	57	183	446	578	489	120	20	—	4.0
1949 or earlier	4 021	176	463	1 326	1 117	647	227	42	23	3.5
COMPLETE BATHROOMS										
1 and 1/2	6 213	150	589	1 779	2 032	1 217	346	74	26	3.8
2 or more	305	—	8	16	76	84	86	28	7	5.1
None or also used by another household	734	112	171	264	129	41	12	5	—	3.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	7 083	262	743	2 013	2 209	1 284	432	107	33	3.1
Less than 10 percent	1 074	53	96	226	324	307	38	22	8	4.0
10 to 14 percent	1 429	21	134	377	464	268	118	37	10	3.8
15 to 19 percent	1 094	20	139	295	381	185	62	12	—	3.7
20 to 24 percent	670	7	67	189	281	92	27	7	—	3.8
25 to 34 percent	775	31	111	281	175	119	52	6	—	3.4
35 percent or more	1 459	94	140	548	389	166	102	12	8	3.8
Not computed	582	36	56	97	195	147	33	11	7	4.2

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

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

Table A-24. Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Spanish Language or Spanish Surname: 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	12 394	11 551	311	532	7 252	4 649	787	499	443	368	321	185
ROOMS												
1 room.....	150	124	-	26	262	104	14	10	33	31	29	41
2 rooms.....	317	277	4	36	768	376	48	128	43	49	79	45
3 rooms.....	989	704	90	195	2 059	1 074	333	183	128	191	77	73
4 rooms.....	3 039	2 759	95	185	2 237	1 519	264	114	148	76	103	13
5 rooms.....	3 804	3 662	90	52	1 342	1 098	81	58	56	16	27	6
6 rooms.....	2 595	2 547	18	30	444	355	36	-	35	5	6	7
7 rooms.....	1 111	1 103	-	8	107	90	11	6	-	-	-	-
8 rooms or more.....	389	375	14	-	33	33	-	-	-	-	-	-
Median.....	4.9	5.0	4.1	3.5	3.7	4.0	3.5	3.1	3.6	3.0	3.2	2.6
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	11 448	10 476	300	492	6 746	4 352	719	443	429	336	315	152
0.50 or less.....	2 831	2 619	97	115	1 515	869	191	136	104	66	117	32
0.51 to 1.00.....	5 763	5 307	175	281	3 128	1 883	389	211	195	214	165	71
1.01 to 1.50.....	2 055	1 984	12	59	1 295	965	66	77	104	35	21	27
1.51 or more.....	819	764	16	37	808	635	73	19	26	21	12	22
Lacking some or all plumbing facilities	926	875	11	40	808	468	297	68	56	14	32	33
0.50 or less.....	152	138	-	14	106	42	16	29	6	-	6	7
0.51 to 1.00.....	238	229	-	9	177	75	29	13	8	32	-	20
1.01 to 1.50.....	138	131	-	7	55	42	7	-	-	-	-	6
1.51 or more.....	398	377	11	10	168	138	16	14	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970.....	402	240	11	151	95	40	34	-	-	7	14	-
1965 to 1968.....	840	729	-	111	464	109	16	14	196	24	92	13
1960 to 1964.....	1 900	1 717	87	96	799	403	81	89	25	73	104	24
1950 to 1959.....	4 902	4 705	76	121	1 873	1 326	163	105	26	112	40	101
1940 to 1949.....	2 388	2 293	54	41	1 824	1 307	189	161	64	44	29	30
1939 or earlier.....	1 962	1 867	83	12	2 197	1 464	304	130	132	108	42	17
INCOME IN 1969												
Less than \$2,000.....	1 249	1 144	57	48	1 237	666	164	116	127	51	77	36
\$2,000 to \$2,999.....	680	605	23	52	786	469	112	35	46	57	44	23
\$3,000 to \$3,999.....	586	512	29	45	681	391	84	42	56	51	29	28
\$4,000 to \$4,999.....	603	569	12	22	713	468	69	57	31	26	26	36
\$5,000 to \$5,999.....	769	697	-	72	697	508	54	42	50	27	8	8
\$6,000 to \$6,999.....	968	872	29	67	620	403	99	35	24	53	6	-
\$7,000 to \$9,999.....	3 347	3 124	90	133	1 489	1 008	124	111	77	71	58	40
\$10,000 to \$14,999.....	2 774	2 652	43	79	807	599	54	40	32	32	36	14
\$15,000 to \$24,999.....	1 195	1 160	28	7	197	119	27	21	-	-	30	-
\$25,000 or more.....	223	216	-	7	25	18	-	-	-	-	7	-
Median.....	\$8 200	\$8 300	\$7 200	\$6 400	\$5 300	\$5 700	\$4 500	\$5 000	\$3 900	\$5 000	\$4 400	\$4 200
YEAR MOVED INTO UNIT												
1969 to March 1970.....	1 642	1 298	53	291	3 420	1 978	420	241	218	222	204	137
1968.....	994	883	44	67	900	552	96	82	69	41	47	13
1967.....	809	767	14	28	717	485	27	30	90	31	39	15
1965 and 1966.....	1 373	1 289	31	53	925	626	111	89	38	42	19	-
1960 to 1964.....	2 167	2 056	51	60	686	531	66	25	20	12	12	20
1950 to 1959.....	3 377	3 297	60	20	333	267	25	19	8	14	-	-
1949 or earlier.....	2 032	1 961	58	13	271	210	42	13	6	-	-	-
GROSS RENT												
Specified renter occupied¹.....	...	...	...	...	7 083	4 480	787	499	443	368	321	185
Less than \$50.....	...	...	...	...	1 058	545	104	164	125	49	24	47
\$50 to \$59.....	...	...	...	...	756	455	141	6	59	57	7	31
\$60 to \$69.....	...	...	...	...	1 049	731	50	67	112	23	46	20
\$70 to \$79.....	...	...	...	...	747	515	89	51	33	30	16	13
\$80 to \$99.....	...	...	...	...	1 202	818	146	55	43	77	21	42
\$100 to \$119.....	...	...	...	...	811	464	161	70	19	34	45	18
\$120 to \$149.....	...	...	...	...	549	306	52	56	52	56	27	-
\$150 to \$199.....	...	...	...	...	332	175	17	16	-	42	82	-
\$200 to \$299.....	...	...	...	...	78	52	-	-	-	-	26	-
\$300 or more.....	...	...	...	...	7	-	-	-	-	-	7	-
No cash rent.....	...	...	...	...	494	419	27	14	-	-	20	14
Median.....	...	...	...	...	\$76	\$76	\$80	\$71	\$63	\$85	\$116	\$64
HEATING EQUIPMENT												
Steam or hot water.....	39	39	-	-	12	5	-	-	-	-	7	-
Warm-air furnace.....	6 329	5 956	86	287	1 865	989	231	111	212	135	145	42
Built-in electric units.....	254	196	15	43	188	58	33	16	14	19	39	9
Floor, wall, or pipeless furnace.....	1 788	1 612	103	73	1 372	965	151	87	28	80	13	48
Other means.....	3 736	3 522	97	117	3 401	2 363	325	239	163	127	111	73
None.....	248	226	10	12	414	269	47	46	26	7	6	13
AIR CONDITIONING												
Room unit(s).....	922	823	27	72	897	542	116	37	59	41	77	25
Central system.....	1 640	1 600	18	42	607	232	43	42	33	104	147	6
None.....	9 812	9 128	266	418	5 748	3 875	628	420	351	223	97	154
AUTOMOBILES AVAILABLE												
1.....	5 136	4 728	97	311	4 153	2 687	395	298	193	263	181	136
2.....	4 440	4 179	124	137	1 303	883	147	78	75	31	74	15
3 or more.....	1 348	1 298	24	26	206	140	14	8	12	4	22	6
None.....	1 470	1 346	66	58	1 590	939	231	115	163	70	44	28

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

Table A-26. Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language or Spanish Surname: 1970

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	12 394	736	2 160	1 906	2 095	1 818	1 755	961	963	4.2
YEAR STRUCTURE BUILT										
1969 to March 1970	402	32	77	96	41	50	39	57	10	3.5
1965 to 1968	840	35	103	105	207	160	119	50	61	4.4
1960 to 1964	1 900	50	301	296	384	284	300	133	152	4.3
1950 to 1959	4 902	185	702	631	957	826	767	446	388	4.5
1940 to 1949	2 388	165	523	380	295	340	302	162	221	3.9
1939 or earlier	1 962	269	454	398	211	158	228	113	131	3.1
UNITS IN STRUCTURE										
1	11 551	610	1 929	1 707	1 976	1 748	1 696	929	956	4.3
2 or more	311	49	83	78	43	23	19	9	7	2.8
Mobile home or trailer	532	77	148	121	76	47	40	23	-	2.8
COMPLETE BATHROOMS										
1 and 1 1/2	8 266	498	1 598	1 390	1 358	1 270	1 055	521	576	4.0
2 and 2 1/2	2 885	54	343	384	618	444	509	306	227	4.6
3 or more	166	12	5	26	22	24	39	13	25	5.3
None or also used by another household	1 077	172	214	106	97	80	152	121	135	4.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	11 658	...	2 160	1 906	2 095	1 818	1 755	961	963	4.3
Male head, wife present, no nonrelatives	9 877	...	1 687	1 478	1 799	1 658	1 535	886	834	4.5
Under 25 years	365	...	96	98	98	43	7	17	6	3.4
25 to 34 years	2 134	...	172	315	543	498	429	93	84	4.6
35 to 44 years	2 680	...	215	215	436	515	591	449	378	5.6
45 to 64 years	3 655	...	720	679	637	529	462	282	346	4.2
65 years and over	1 043	...	603	171	85	73	46	45	20	2.4
Other male head	497	...	132	120	118	19	55	6	47	3.5
Under 65 years	388	...	104	76	94	19	55	6	34	3.6
65 years and over	109	...	28	44	24	-	-	-	13	3.1
Female head	1 284	...	341	308	178	141	165	69	82	3.5
Under 65 years	957	...	206	223	156	107	136	69	60	3.8
65 years and over	327	...	135	85	22	34	29	-	22	2.8
One-person households	736	736	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	11 313	574	1 897	1 679	1 939	1 723	1 641	910	950	4.3
Less than 1.5	5 262	37	572	753	913	994	883	517	593	4.9
1.5 to 1.9	2 056	52	299	335	425	248	371	169	157	4.3
2.0 to 2.4	1 259	64	256	205	224	209	143	79	79	4.0
2.5 to 2.9	774	37	235	132	117	80	97	47	29	3.4
3.0 to 3.9	1 094	104	179	75	85	119	82	58	52	3.7
4.0 or more	1 094	243	315	179	152	73	65	40	27	2.5
Not computed	114	37	41	-	23	-	-	-	13	2.0
Renter occupied housing units	7 252	1 029	1 493	1 491	1 081	742	508	450	458	3.2
YEAR STRUCTURE BUILT										
1969 to March 1970	95	-	40	16	20	6	-	6	7	...
1965 to 1968	464	74	89	107	80	40	26	17	31	3.1
1960 to 1964	799	120	230	154	155	53	36	31	20	2.8
1950 to 1959	1 873	137	304	411	313	238	160	175	135	3.8
1940 to 1949	1 824	214	371	466	269	185	144	93	82	3.2
1939 or earlier	2 197	484	459	337	244	220	142	128	183	3.0
UNITS IN STRUCTURE										
1	4 649	430	803	891	735	568	449	401	372	3.8
2	787	123	202	179	135	72	28	12	36	2.9
3 and 4	499	120	118	146	41	41	7	20	6	2.6
5 to 9	443	110	71	91	69	41	24	12	25	2.9
10 to 19	368	78	118	98	57	5	-	-	12	2.4
20 or more	321	101	147	38	24	6	-	5	-	1.9
Mobile home or trailer	185	67	34	48	20	9	-	-	7	2.3
COMPLETE BATHROOMS										
1 and 1 1/2	6 213	625	1 345	1 342	941	629	428	378	325	3.2
2 or more	305	-	75	47	58	18	47	17	43	4.0
None or also used by another household	734	204	73	102	82	95	33	55	90	3.4
HOUSEHOLD COMPOSITION										
Two-or-more person households	6 223	...	1 493	1 491	1 081	742	508	450	458	3.6
Male head, wife present, no nonrelatives	4 679	...	982	1 129	789	600	407	371	401	3.8
Under 25 years	991	...	344	413	112	77	20	19	6	2.9
25 to 34 years	1 769	...	270	446	373	274	171	141	94	4.0
35 to 44 years	851	...	70	68	144	127	102	117	223	5.7
45 to 64 years	849	...	208	146	144	101	93	86	71	4.0
65 years and over	219	...	56	56	16	21	21	8	7	2.8
Other male head	330	...	141	54	65	22	22	21	5	2.9
Under 65 years	289	...	121	41	57	22	22	21	5	3.1
65 years and over	41	...	20	13	8	-	-	-	-	...
Female head	1 214	...	370	308	227	120	79	58	52	3.3
Under 65 years	1 074	...	287	274	217	113	79	52	52	3.4
65 years and over	140	...	83	34	10	7	-	6	-	2.3
One-person households	1 029	1 029	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	7 083	1 018	1 483	1 470	1 051	724	485	443	429	3.2
Less than 10 percent	1 074	96	204	177	192	135	104	103	63	3.8
10 to 14 percent	1 429	122	278	317	218	139	144	88	123	3.5
15 to 19 percent	1 094	80	204	263	205	138	53	76	75	3.5
20 to 24 percent	670	43	141	186	96	74	63	41	26	3.3
25 to 34 percent	775	152	176	197	91	67	29	34	29	2.8
35 percent or more	1 459	405	356	257	151	108	54	71	57	2.4
Not computed	562	120	104	73	98	63	38	30	56	3.4

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

Table B-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]

Tucson

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	54 031	225	1 053	3 348	11 376	16 660	13 010	5 766	2 593	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	53 340	154	918	3 219	11 173	16 853	12 843	5 550	2 630	5.2
PERSONS										
1 person	7 365	130	500	1 289	2 415	1 824				
2 persons	16 959	64	463	1 536	5 139	5 344	862	259	86	4.2
3 persons	8 696	5	47	264	1 585	3 100	3 296	866	251	4.7
4 persons	8 566	17	25	96	1 037	2 843	2 779	979	352	5.3
5 persons	5 698	5	5	61	503	1 754	1 793	1 280	489	5.6
6 persons or more	6 747	4	13	102	697	1 795	1 916	1 075	502	5.8
Median	2.8	1.4	1.6	1.8	2.1	2.9	3.5	4.1	913	5.9
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities										
0.50 or less	53 600	171	947	3 244	11 278	16 620	12 981	5 766	2 593	5.2
0.51 to 1.00	26 258		432	1 249	7 502	7 154	6 508	2 104	1 309	5.1
1.01 to 1.50	22 791	91	429	1 754	2 600	7 681	5 688	3 326	1 222	5.3
1.51 or more	3 561		47	96	817	1 512	738	289	62	5.0
Lacking some or all plumbing facilities										
0.50 or less	990	80	39	145	359	273	47	47		4.1
0.51 to 1.00	431	54	106	104	98	40	29			3.9
1.01 to 1.50	188	39	68	40	52	14	14			3.2
1.51 or more	162	39	34	46	22	16	5			2.7
Median	25	15	4	18	14	10	5			...
BEDROOMS										
None and 1	4 651	238	1 131	2 339	755	122				2.9
2	18 460			874	10 163	5 540	66			4.3
3	24 338				487	10 050	1 604	219	60	5.7
4 or more	6 496					95	9 797	3 312	692	7.0
YEAR STRUCTURE BUILT										
1969 to March 1970	2 304	9	73	178	501	580	506	323	134	5.2
1960 to 1968	15 116	47	338	1 219	2 992	3 894	3 581	2 057	968	5.3
1950 to 1959	23 654	68	333	1 006	4 348	8 303	6 259	2 482	855	5.2
1949 or earlier	12 957	81	309	945	3 535	3 883	2 664	904	636	4.9
COMPLETE BATHROOMS										
1 and 1 1/2	34 444	135	918	3 184	10 334	11 683	6 113	1 672	405	4.7
2 or more	18 951	19	6	42	845	5 194	6 735	3 885	2 225	6.0
None or also used by another household	636	66	130	165	156	56	57		6	3.2
VALUE-INCOME RATIO										
Specified owner occupied¹										
Less than 1.5	45 584	84	265	1 055	8 206	15 285	12 620	5 628	2 441	5.4
1.5 to 1.9	16 258	26	93	374	2 953	5 492	4 447	2 034	839	5.1
2.0 to 2.9	9 656	9	46	119	1 252	3 303	2 974	1 409	544	5.5
3.0 or more	9 289	33	21	188	1 540	2 942	2 695	1 236	634	5.5
Not computed	9 912	16	94	364	2 374	3 429	2 324	906	405	5.1
Median	469		11	10	87	119	180	43	19	5.5
Renter occupied housing units	30 195	1 575	3 665	8 542	9 198	4 641	1 948	485	141	3.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	28 592	855	3 208	8 369	8 973	4 643	1 934	476	134	3.7
PERSONS										
1 person	8 803	1 278	2 270	3 354	1 415	383	64	34	5	2.8
2 persons	9 759	244	1 025	3 529	3 293	1 216	390	55	7	3.5
3 persons	4 698	15	267	952	2 068	992	336	64	4	4.0
4 persons	3 062	20	69	381	1 264	812	383	110	23	4.3
5 persons	1 837	14	19	184	642	539	321	76	42	4.6
6 persons or more	2 036	4	15	142	516	699	454	146	60	5.0
Median	2.1	1.1	1.3	1.8	2.5	3.2	4.0	4.3	5.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities										
0.50 or less	29 476	1 290	3 464	8 404	9 120	4 630	1 942	485	141	3.7
0.51 to 1.00	12 665		2 138	3 268	4 674	3 268	1 599	784	153	3.7
1.01 to 1.50	13 343	1 029	996	4 447	3 307	2 332	859	290	83	3.6
1.51 or more	2 275		252	377	854	511	230	42	9	4.1
Lacking some or all plumbing facilities										
0.50 or less	1 193	261	78	312	285	78	69			3.3
0.51 to 1.00	719	285	201	138	78	188	69			1.9
1.01 to 1.50	258		132	86	34	11	6			2.5
1.51 or more	348	249	29	34	25	11	6			1.2
Median	28	36	15	4	9					...
BEDROOMS										
None	85	36	25	14	10					...
1	2 345	1 635	597	113						1.2
2	11 833		3 393	6 857	1 323	217	43			2.9
3 or more	11 153			1 071	7 990	1 793	299			4.1
Median	5 085				152	2 676	1 586	496	175	5.4
YEAR STRUCTURE BUILT										
1969 to March 1970	736	34	64	149	340	116	21			3.9
1960 to 1968	9 115	543	1 296	2 652	2 899	1 027	12			3.5
1950 to 1959	8 576	189	756	2 211	2 428	1 736	473	171	54	3.9
1949 or earlier	11 768	809	1 549	3 530	3 331	1 762	861	154	41	3.5
COMPLETE BATHROOMS										
1 and 1 1/2	26 551	1 229	3 229	8 335	8 397	3 832	1 265	218	46	3.6
2 or more	2 513	7	27	65	582	811	675	258	88	5.2
None or also used by another household	1 131	319	296	305	148	27	31	5		2.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²										
Less than 10 percent	30 095	1 569	3 660	8 532	9 159	4 621	1 936	477	141	3.6
10 to 14 percent	1 994	150	252	594	541	326	67	32	32	3.5
15 to 19 percent	4 042	146	379	1 046	1 451	697	235	70	18	3.8
20 to 24 percent	4 654	127	508	1 203	1 440	862	413	67	34	3.8
25 to 34 percent	3 830	123	378	1 096	1 248	651	280	51	3	3.8
35 percent or more	4 482	158	1 595	1 290	1 388	646	331	62	12	3.6
Not computed	9 167	748	1 595	2 924	2 635	1 016	370	96	6	3.3
Median	1 926	117	176	379	456	423	240	99	36	4.1

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

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

Table 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]

Tucson					Tucson				
	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	809	504	176	129	Vacant for rent	2 499	1 956	336	207
ROOMS					ROOMS				
1 to 3 rooms	39	17	14	8	1 room	254	213	30	11
4 rooms	181	105	34	42	2 rooms	500	403	66	31
5 rooms	305	194	58	53	3 rooms	813	664	85	64
6 rooms	184	135	37	12	4 rooms	541	403	75	63
7 rooms or more	100	53	33	14	5 rooms	275	195	46	34
					6 rooms	74	40	30	4
					7 rooms or more	42	36	4	2
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	801	504	176	121	With all plumbing facilities	2 444	1 925	312	207
Lacking some or all plumbing facilities	8	-	-	8	Lacking some or all plumbing facilities	55	31	24	11
BEDROOMS					BEDROOMS				
None and 1	54	21	12	21	None	260	186	43	31
2	220	125	53	42	1	1 081	879	145	57
3	560	402	142	16	2	971	724	143	104
4 or more	75	75	-	-	3 or more	181	112	37	22
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	289	236	33	20	1969 to March 1970	65	65	-	-
1960 to 1968	153	89	25	39	1960 to 1968	764	650	95	119
1950 to 1959	202	113	71	18	1950 to 1959	718	574	99	45
1949 or earlier	165	66	47	52	1949 or earlier	952	667	142	143
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	713	464	161	88	1	904	600	182	122
2 or more	96	40	15	41	2 to 4	394	307	65	82
					5 to 9	183	143	20	23
					10 to 19	419	339	53	27
					20 or more	599	567	16	16
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	-	-	-	-	Specified vacant for rent²	2 499	1 956	336	207
Warm-air furnace	624	446	116	62	Less than \$50	131	67	32	24
Built-in electric units	16	12	-	4	\$50 to \$59	179	117	36	28
Floor, wall, or pipeless furnace	122	37	43	42	\$60 to \$79	431	297	69	54
Other means	39	9	13	17	\$80 to \$99	356	296	36	28
None	8	-	4	4	\$100 to \$119	303	251	46	35
					\$120 to \$149	391	322	46	35
					\$150 to \$199	434	379	47	35
					\$200 or more	274	227	24	18
					Median rent asked	\$110	\$116	\$97	\$79
SALES PRICE ASKED									
Specified vacant for sale¹	702	460	161	81					
Less than \$5,000	8	-	-	8	Less than \$50	131	67	32	24
\$5,000 to \$9,999	58	27	13	18	\$50 to \$59	179	117	36	28
\$10,000 to \$14,999	194	76	84	34	\$60 to \$79	431	297	69	54
\$15,000 to \$19,999	227	191	26	10	\$80 to \$99	356	296	36	28
\$20,000 to \$24,999	89	77	12	-	\$100 to \$119	303	251	46	35
\$25,000 to \$34,999	107	81	26	-	\$120 to \$149	391	322	46	35
\$35,000 to \$49,999	14	8	-	6	\$150 to \$199	434	379	47	35
\$50,000 or more	5	-	-	5	\$200 or more	274	227	24	18
Median price asked	\$17 000	\$18 300	\$14 000	...					

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

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

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

Tucson	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	702	66	194	227	89	107	19	2 499	310	431	356	694	434	207
PLUMBING FACILITIES														
With all plumbing facilities	761	70	150	242	187	112	-	2 447	324	448	398	659	328	207
Lacking some or all plumbing facilities	21	21	-	-	-	-	-	46	15	31	-	-	-	-
BEDROOMS														
None and 1	54	42	12	-	-	-	-	1 341	217	307	263	309	155	82
2	180	49	23	96	12	-	-	971	83	140	135	325	178	102
3	473	-	115	146	142	70	-	121	-	32	-	25	24	46
4 or more	75	-	-	-	33	42	-	60	39	-	-	-	21	46
YEAR STRUCTURE BUILT														
1969 to March 1970	232	4	25	97	28	78	-	65	4	4	8	10	30	4
1960 to 1968	115	16	35	52	12	-	-	764	11	44	59	301	222	107
1950 to 1959	195	12	56	70	28	29	-	718	72	125	120	223	111	67
1949 or earlier	160	34	78	8	21	-	19	952	223	258	169	160	31	107
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	904	203	192	157	199	112	46
2 to 4	...	...	...	...	...	...	...	394	29	98	79	141	27	38
5 to 19	...	...	...	...	...	...	...	602	70	113	80	178	100	59
20 or more	...	...	...	...	...	...	...	599	8	28	40	176	193	59
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	897	134	130	120	185	178	59
Some or no utilities included	...	...	...	...	...	...	...	1 602	176	301	236	509	256	148

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

Table B-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

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

TUCSON	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units -----	9 518	756	401	452	393	588	808	2 770	2 266	945	139	8 500
ROOMS												
1 and 2 rooms -----	166	76	22	-	6	23	26	13	-	-	-	2 300
3 rooms -----	506	121	73	66	15	61	13	105	-	-	-	3 900
4 rooms -----	2 429	273	117	218	115	166	313	678	36	16	-	7 100
5 rooms -----	3 197	139	119	87	145	221	322	1 043	416	133	-	8 600
6 rooms -----	2 135	116	34	70	92	101	82	646	804	285	32	9 700
7 rooms or more -----	1 085	31	36	11	20	16	52	285	637	309	48	11 200
									373	202	59	
PERSONS												
1 person -----	506	274	86	55	-	16	8	51	5	11	-	2000-
2 persons -----	1 643	234	140	153	109	116	114	380	291	100	6	6 600
3 and 4 persons -----	3 082	174	100	119	98	184	293	978	749	334	53	8 800
5 persons -----	1 504	38	43	49	59	90	129	458	421	190	27	9 300
6 persons or more -----	2 783	36	32	76	127	182	264	903	800	310	53	9 200
Units with roomers, boarders, or lodgers -----	139	20	8	6	-	6	-	41	37	21	-	9 200
YEAR STRUCTURE BUILT												
1969 to March 1970 -----	223	21	-	15	5	25	19	87	31	20	-	7 900
1960 to 1968 -----	1 831	93	56	32	41	101	152	614	478	245	19	9 200
1950 to 1959 -----	4 327	176	133	158	149	240	420	1 325	1 206	463	57	9 000
1949 or earlier -----	3 137	466	212	247	198	222	217	744	551	217	63	7 000
YEAR MOVED INTO UNIT												
1969 to March 1970 -----	1 161	103	26	41	78	134	95	379	236	60	9	7 800
1968 -----	759	18	11	47	26	67	77	239	188	86	-	8 700
1960 to 1967 -----	3 352	130	119	117	123	162	294	1 095	892	389	31	9 000
1959 or earlier -----	4 246	505	245	247	166	225	342	1 057	950	410	99	8 100
SELECTED CHARACTERISTICS												
With air conditioning -----	1 953	192	58	48	60	139	117	545	473	253	68	9 000
Room unit(s) -----	637	127	13	25	29	73	46	134	167	23	-	7 100
Central system -----	1 316	65	45	23	31	66	71	411	306	230	68	9 600
Automobiles available:												
1 -----	4 002	277	182	256	208	397	416	1 412	670	178	6	7 600
2 -----	3 636	97	56	85	111	113	308	1 028	1 245	523	70	10 100
3 or more -----	1 023	14	12	21	42	39	52	233	311	236	63	11 600
Renter occupied housing units -----	5 393	997	524	528	556	547	492	1 054	529	148	18	5 200
ROOMS												
1 room -----	164	97	15	8	7	-	7	23	7	-	-	2000-
2 rooms -----	489	127	26	60	49	82	38	67	34	6	-	4 600
3 rooms -----	1 543	338	261	157	219	149	142	167	77	33	-	4 100
4 rooms -----	1 750	272	147	196	171	150	160	401	188	58	7	5 600
5 rooms -----	951	101	46	54	86	101	104	315	122	16	6	6 800
6 rooms or more -----	496	62	29	53	24	65	41	81	101	35	5	6 400
PERSONS												
1 person -----	813	472	57	54	54	13	23	101	33	6	-	2000-
2 persons -----	1 153	197	163	72	137	107	118	185	137	30	7	5 100
3 and 4 persons -----	1 892	227	183	229	212	257	168	395	164	51	6	5 400
5 persons -----	513	35	51	42	59	77	46	146	57	5	-	5 900
6 persons or more -----	1 022	66	70	131	94	93	137	227	138	61	5	6 400
Units with roomers, boarders, or lodgers -----	121	29	23	11	-	12	15	24	7	-	-	3 800
YEAR STRUCTURE BUILT												
1969 to March 1970 -----	57	13	-	7	-	-	-	26	11	-	-	...
1960 to 1968 -----	988	156	68	93	86	55	75	243	148	46	18	6 500
1950 to 1959 -----	1 357	145	124	109	133	166	148	316	158	58	-	6 000
1949 or earlier -----	2 991	683	332	319	337	326	269	469	212	44	-	4 500
YEAR MOVED INTO UNIT												
1969 to March 1970 -----	2 510	477	278	330	236	293	164	426	224	76	6	4 700
1968 -----	651	92	32	38	91	59	108	119	92	20	-	6 100
1960 to 1967 -----	1 811	308	161	142	194	154	178	452	183	27	12	5 700
1959 or earlier -----	421	120	53	18	35	41	42	57	30	25	-	4 600
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied¹	5 381	997	524	528	550	547	492	1 054	523	148	18	5 200
Less than 15 percent -----	1 681	-	6	38	98	113	229	618	423	138	18	8 700
15 to 19 percent -----	918	13	25	84	146	201	122	261	61	5	-	6 000
20 to 24 percent -----	537	30	31	96	91	125	63	94	7	-	-	5 200
25 to 34 percent -----	647	110	129	140	114	67	42	45	-	-	-	3 600
35 percent or more -----	1 232	673	301	165	64	22	7	-	-	-	-	2000-
Not computed -----	366	171	32	5	37	19	29	36	32	5	-	2 400
SELECTED CHARACTERISTICS												
With air conditioning -----	1 183	272	110	101	162	94	82	160	149	35	18	4 700
Room unit(s) -----	662	188	76	62	94	65	53	52	53	19	-	4 100
Central system -----	521	84	34	39	68	29	29	108	96	16	18	6 200
Automobiles available:												
1 -----	3 015	349	245	320	421	324	321	725	242	61	7	5 500
2 -----	1 003	47	6	81	65	130	112	238	253	65	6	7 800
3 or more -----	169	15	44	5	-	13	14	35	27	11	5	6 500

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

Table B-22. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units With Household Head of Spanish Language or Spanish Surname: 1970

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

Tucson	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	9 518	9 280	2 196	4 682	1 741	661	238	86	85	20	47
PERSONS											
1 person	506	427	427	—	—	—	79	63	16	—	—
2 persons	1 643	1 585	1 340	239	—	6	58	16	35	—	—
3 persons	1 424	1 404	388	1 016	—	—	20	7	13	—	7
4 persons	1 658	1 650	36	1 579	27	8	8	—	—	—	—
5 persons	1 504	1 480	5	1 147	—	—	24	—	8	—	—
6 persons or more	2 783	2 734	—	701	304	24	49	—	13	6	5
Median	4.2	4.2	2.0	4.2	4.0	623	—	—	—	14	35
Units with roomers, boarders, or lodgers	139	139	30	67	30	12	2.2	—	—	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970	223	216	51	101	50	14	—	—	—	—	—
1965 to 1968	408	401	62	271	55	13	7	—	—	7	—
1960 to 1964	1 423	1 423	288	773	310	52	7	7	—	—	—
1950 to 1959	4 327	4 287	823	2 227	902	335	—	—	—	—	—
1940 to 1949	1 790	1 710	427	823	291	169	40	19	15	—	6
1939 or earlier	1 347	1 243	545	487	133	78	80	31	35	—	14
INCOME IN 1969											
Less than \$2,000	756	651	398	218	17	18	105	41	45	6	13
\$2,000 to \$2,999	401	359	185	150	18	6	42	16	14	7	5
\$3,000 to \$3,999	452	433	183	144	62	44	19	12	—	—	7
\$4,000 to \$4,999	393	377	105	168	90	14	16	5	—	—	11
\$5,000 to \$5,999	588	571	100	261	154	56	17	5	6	—	6
\$6,000 to \$6,999	808	802	112	398	202	90	6	—	14	7	—
\$7,000 to \$9,999	2 770	2 749	533	1 426	584	206	21	—	—	—	—
\$10,000 to \$14,999	2 266	2 254	380	1 266	438	170	12	7	—	—	—
\$15,000 to \$24,999	945	945	171	560	162	52	—	—	—	—	—
\$25,000 or more	139	139	29	91	14	5	—	—	—	—	—
Median	\$8 500	\$8 600	\$7 100	\$9 100	\$8 700	\$8 500	\$2 300	—	—	—	—
VALUE-INCOME RATIO											
Specified owner occupied ¹	9 005	8 791	2 046	4 405	1 702	638	—	—	—	—	—
Less than 1.5	4 295	4 237	594	2 205	991	447	214	78	76	13	47
1.5 to 1.9	1 744	1 700	359	892	346	103	58	18	19	—	21
2.0 to 2.4	1 010	1 010	305	547	131	27	44	18	13	—	13
2.5 to 2.9	564	514	194	234	74	12	—	—	—	—	—
3.0 to 3.9	553	531	156	219	130	26	50	14	23	—	13
4.0 or more	785	745	403	289	30	23	22	15	7	—	—
Not computed	54	54	35	19	—	—	40	13	14	13	—
HEATING EQUIPMENT											
Steam or hot water	39	39	—	26	13	—	—	—	—	—	—
Warm-air furnace	5 258	5 236	1 163	2 822	967	284	22	7	—	—	—
Built-in electric units	164	158	14	108	30	6	6	—	8	7	—
Floor, wall, or pipeless furnace	1 649	1 642	448	759	317	118	7	—	—	—	6
Other means	2 255	2 117	531	952	388	246	138	58	49	6	25
None	153	88	40	15	26	7	65	21	28	—	16
Renter occupied housing units	5 393	5 123	1 233	2 355	946	589	270	89	116	25	40
PERSONS											
1 person	813	683	581	102	—	—	—	—	—	—	—
2 persons	1 153	1 121	574	540	—	—	130	89	41	—	—
3 persons	1 116	1 081	71	908	94	7	32	—	32	—	—
4 persons	776	752	7	516	201	28	35	—	23	—	—
5 persons	513	499	—	171	232	96	24	—	12	6	—
6 persons or more	1 022	987	—	118	419	450	14	—	8	—	6
Median	3.2	3.2	1.6	3.1	5.3	7.4	35	—	—	7	28
Units with roomers, boarders, or lodgers	121	114	28	69	11	6	1.7	—	2.0	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970	57	57	24	20	6	7	—	—	—	—	7
1965 to 1968	391	391	73	210	84	24	—	—	—	—	—
1960 to 1964	597	597	194	315	38	50	—	—	—	—	—
1950 to 1959	1 357	1 312	222	597	319	174	45	—	—	—	—
1940 to 1949	1 252	1 204	286	606	267	45	48	8	22	—	15
1939 or earlier	1 739	1 562	434	607	232	289	177	59	81	19	18
INCOME IN 1969											
Less than \$2,000	997	869	425	336	69	39	128	69	48	5	6
\$2,000 to \$2,999	524	484	117	220	100	47	40	7	17	—	16
\$3,000 to \$3,999	528	493	65	230	145	53	35	13	15	7	—
\$4,000 to \$4,999	556	550	109	273	79	89	6	—	—	—	—
\$5,000 to \$5,999	547	533	76	262	92	103	14	—	—	—	—
\$6,000 to \$6,999	492	478	69	232	123	54	14	—	7	6	—
\$7,000 to \$9,999	1 054	1 040	204	480	252	104	14	—	8	—	—
\$10,000 to \$14,999	529	522	125	248	76	73	7	—	8	—	6
\$15,000 to \$24,999	148	136	36	63	10	27	—	—	7	—	6
\$25,000 or more	18	18	7	11	—	—	12	—	6	—	—
Median	\$5 200	\$5 300	\$4 100	\$5 500	\$5 900	\$5 600	\$2 200	—	\$2 600	—	—
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	5 381	5 111	1 233	2 355	946	577	—	—	—	—	—
Less than 10 percent	542	482	74	200	119	89	270	89	116	25	48
10 to 14 percent	1 139	1 125	192	606	193	134	60	6	29	13	12
15 to 19 percent	918	901	139	425	203	134	14	7	7	—	—
20 to 24 percent	537	497	75	277	144	49	17	8	9	—	—
25 to 34 percent	647	635	184	277	110	64	40	8	9	—	—
35 percent or more	1 232	1 159	410	526	146	77	12	14	17	—	9
Not computed	366	312	159	92	31	30	54	33	21	—	19
HEATING EQUIPMENT											
Steam or hot water	12	12	7	5	—	—	—	—	—	—	—
Warm-air furnace	1 538	1 532	444	780	—	—	—	—	—	—	—
Built-in electric units	149	141	20	100	219	89	6	—	6	—	—
Floor, wall, or pipeless furnace	1 213	1 193	268	537	21	—	8	—	8	—	—
Other means	2 200	2 024	462	843	421	143	20	7	13	—	—
None	281	221	32	90	40	59	176	55	73	14	34

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

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

Table B-23. Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language or Spanish Surname: 1970

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

Tucson	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	9 518	35	131	506	2 429	3 197	2 135	848	237	5.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 165	12	84	425	2 330	3 136	2 093	848	237	5.1
PERSONS										
1 person	506	16	34	83	240	65	42	14	12	4.0
2 persons	1 643	13	83	191	512	460	297	57	30	4.5
3 persons	1 424	-	-	114	27	374	541	279	25	4.9
4 persons	1 658	-	8	27	381	622	418	166	36	5.2
5 persons	1 504	-	-	29	310	592	396	165	36	5.2
6 persons or more	2 783	6	6	62	612	917	703	355	122	5.3
Median	4.2	...	1.9	2.4	3.7	4.4	4.6	5.1	5.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	9 280	12	91	446	2 372	3 166	2 108	848	237	5.0
0.50 or less	2 196	-	14	75	712	514	611	162	108	5.1
0.51 to 1.00	4 682	-	69	271	755	1 742	1 165	568	112	5.2
1.01 to 1.50	1 741	-	-	27	585	715	311	86	17	4.9
1.51 or more	661	12	8	73	320	195	21	32	-	4.2
Lacking some or all plumbing facilities	238	23	40	60	57	31	27	7	-	3.4
0.50 or less	86	-	20	8	40	11	7	-	-	...
0.51 to 1.00	85	16	14	34	-	13	8	-	-	...
1.01 to 1.50	20	-	-	-	6	7	7	-	-	...
1.51 or more	47	7	6	18	11	-	5	-	-	...
YEAR STRUCTURE BUILT										
1969 to March 1970	223	6	5	24	34	97	50	7	-	4.9
1960 to 1968	1 831	-	6	27	260	749	490	229	70	5.3
1950 to 1959	4 327	7	42	133	1 172	1 508	1 014	392	59	5.0
1949 or earlier	3 137	22	78	322	963	843	581	220	108	4.7
COMPLETE BATHROOMS										
1 and 1 1/2	6 829	12	84	425	2 238	2 321	1 283	392	74	4.8
2 or more	2 349	-	-	92	99	828	810	456	163	5.8
None or also used by another household	340	23	47	81	-	48	42	-	-	3.7
VALUE-INCOME RATIO										
Specified owner occupied¹	9 005	20	120	372	2 231	3 104	2 095	840	223	5.1
less than 1.5	4 295	7	39	157	1 223	1 493	933	358	85	5.0
1.5 to 1.9	1 744	-	25	73	356	611	451	186	42	5.2
2.0 to 2.9	1 574	13	9	58	235	580	414	188	77	5.3
3.0 or more	1 338	-	40	84	410	415	275	95	19	4.8
Not computed	54	-	7	-	7	5	22	13	-	...
Renter occupied housing units	5 393	144	489	1 543	1 750	951	393	88	15	3.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 889	81	379	1 380	1 641	929	381	83	15	3.9
PERSONS										
1 person	813	143	184	327	137	22	-	-	-	2.7
2 persons	1 153	7	139	433	314	203	-	-	-	3.5
3 persons	1 116	8	106	367	416	148	41	16	-	3.7
4 persons	776	6	28	207	302	185	35	6	7	4.0
5 persons	513	-	24	78	232	130	43	6	-	4.2
6 persons or more	1 022	-	8	131	349	263	203	60	8	4.6
Median	3.2	1.1	1.9	2.5	3.5	4.1	5.6	...	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	5 123	117	408	1 475	1 690	937	393	88	15	3.8
0.50 or less	1 233	-	136	295	442	225	112	16	7	3.9
0.51 to 1.00	2 355	102	124	783	689	449	139	61	8	3.7
1.01 to 1.50	946	-	94	201	358	170	112	11	-	4.0
1.51 or more	589	15	54	196	201	93	30	-	-	3.6
Lacking some or all plumbing facilities	270	47	81	68	60	14	-	-	-	2.6
0.50 or less	89	-	48	32	9	-	-	-	-	...
0.51 to 1.00	116	41	15	17	29	14	-	-	-	2.6
1.01 to 1.50	25	-	12	6	7	-	-	-	-	...
1.51 or more	40	6	6	13	15	-	-	-	-	...
YEAR STRUCTURE BUILT										
1969 to March 1970	57	-	6	-	21	13	-	17	-	...
1960 to 1968	988	29	53	230	407	156	90	23	-	3.9
1950 to 1959	1 357	35	116	299	459	308	120	20	-	4.0
1949 or earlier	2 991	100	314	1 014	863	474	183	28	15	3.6
COMPLETE BATHROOMS										
1 and 1 1/2	4 681	111	379	1 364	1 591	872	301	55	8	3.8
2 or more	244	-	-	16	56	57	80	28	7	5.4
None or also used by another household	468	53	110	163	103	22	12	5	-	2.9
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	5 381	164	489	1 543	1 744	945	393	88	15	3.8
less than 10 percent	542	30	63	139	155	104	32	11	8	3.8
10 to 14 percent	1 139	14	88	289	373	236	110	29	7	4.0
15 to 19 percent	918	-	98	236	340	176	56	12	-	3.9
20 to 24 percent	537	-	43	156	220	84	27	7	-	3.8
25 to 34 percent	647	17	72	226	168	106	52	6	-	3.6
35 percent or more	1 232	83	101	458	343	145	90	12	7	3.4
Not computed	366	20	24	39	145	94	26	11	7	4.2

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

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

Table B-24. Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Spanish Language or Spanish Surname: 1970

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

Tucson	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	9 518	9 041	258	199	5 393	3 318	683	345	401	316	255	75
ROOMS												
1 room.....	35	20	-	15	164	40	14	-	33	31	29	17
2 rooms.....	131	120	-	11	489	232	32	87	31	49	45	13
3 rooms.....	506	372	70	64	1 543	752	272	142	114	158	66	39
4 rooms.....	2 429	2 258	82	89	1 750	1 151	237	80	132	68	82	-
5 rooms.....	3 197	3 110	74	13	951	746	81	30	56	5	27	4
6 rooms.....	2 135	2 110	18	7	393	311	36	-	35	5	6	-
7 rooms.....	848	848	-	-	88	71	11	6	-	-	-	-
8 rooms or more.....	237	223	14	-	15	15	-	-	-	-	-	-
Median.....	5.0	5.1	4.2	3.6	3.8	4.1	3.6	3.1	3.7	3.0	3.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	9 280	8 847	258	175	5 123	3 192	638	319	367	284	249	54
0.50 or less.....	2 196	2 064	91	41	1 233	653	191	122	93	66	89	19
0.51 to 1.00.....	4 682	4 443	146	93	2 355	1 371	335	137	172	176	135	29
1.01 to 1.50.....	1 741	1 702	12	27	946	709	53	54	96	21	13	-
1.51 or more.....	661	638	9	14	589	459	59	6	26	21	12	4
Lacking some or all plumbing facilities	238	214	-	24	270	126	45	26	14	32	6	21
0.50 or less.....	86	78	-	8	89	36	16	18	6	-	6	7
0.51 to 1.00.....	85	76	-	9	116	44	16	8	8	32	-	8
1.01 to 1.50.....	20	13	-	7	25	12	7	-	-	-	-	6
1.51 or more.....	47	47	-	-	40	34	6	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970.....	223	143	5	75	57	17	19	-	-	7	14	-
1965 to 1968.....	408	383	-	25	391	77	16	14	181	24	73	6
1960 to 1964.....	1 423	1 321	66	36	597	270	69	73	17	73	83	12
1950 to 1959.....	4 327	4 211	76	40	1 357	960	138	91	26	93	14	35
1940 to 1949.....	1 790	1 717	50	23	1 252	895	154	67	50	44	29	13
1939 or earlier.....	1 347	1 286	61	-	1 739	1 099	287	100	127	75	42	9
INCOME IN 1969												
Less than \$2,000.....	756	693	46	17	997	492	137	91	127	51	77	22
\$2,000 to \$2,999.....	401	365	11	25	524	314	75	29	38	31	37	-
\$3,000 to \$3,999.....	452	415	22	15	528	292	84	42	56	36	-	18
\$4,000 to \$4,999.....	393	381	12	-	556	350	69	41	31	26	26	13
\$5,000 to \$5,999.....	588	555	-	33	547	396	47	35	34	27	-	8
\$6,000 to \$6,999.....	808	752	29	27	492	309	85	22	24	46	6	8
\$7,000 to \$9,999.....	2 770	2 634	90	46	1 054	716	111	36	66	67	50	8
\$10,000 to \$14,999.....	2 266	2 210	27	29	529	354	48	28	25	32	36	6
\$15,000 to \$24,999.....	945	917	21	7	148	84	27	21	-	-	7	-
\$25,000 or more.....	139	139	-	-	18	11	-	-	-	-	-	-
Median.....	\$8 500	\$8 600	\$7 300	\$6 400	\$5 200	\$5 500	\$4 700	\$4 300	\$3 600	\$5 500	\$4 500	...
YEAR MOVED INTO UNIT												
1969 to March 1970.....	1 161	998	40	123	2 510	1 359	368	174	184	207	164	54
1968.....	759	707	38	14	651	386	80	38	61	41	39	4
1967.....	609	584	14	11	589	392	20	19	90	25	28	15
1965 and 1966.....	1 054	1 023	24	7	723	488	97	64	38	24	12	-
1960 to 1964.....	1 689	1 609	44	36	499	386	51	25	20	5	12	-
1950 to 1959.....	2 927	2 870	49	8	205	152	25	12	8	8	-	-
1949 or earlier.....	1 319	1 270	49	-	216	155	42	13	-	6	-	-
GROSS RENT												
Specified renter occupied¹.....	...	...	...	...	5 381	3 306	683	345	401	316	255	75
Less than \$50.....	...	...	...	...	583	274	89	66	118	15	6	15
\$50 to \$59.....	...	...	...	...	509	275	115	6	59	46	-	8
\$60 to \$69.....	...	...	...	...	789	547	34	62	97	23	19	7
\$70 to \$79.....	...	...	...	...	591	390	72	44	33	30	16	6
\$80 to \$99.....	...	...	...	...	971	641	127	48	43	70	21	21
\$100 to \$119.....	...	...	...	...	724	420	155	47	5	34	45	18
\$120 to \$149.....	...	...	...	...	535	298	52	56	46	56	27	-
\$150 to \$199.....	...	...	...	...	325	168	17	16	-	42	82	-
\$200 to \$299.....	...	...	...	...	62	36	-	-	-	-	26	-
\$300 or more.....	...	...	...	...	7	-	-	-	-	-	7	-
No cash rent.....	...	...	...	...	285	257	22	-	-	-	6	-
Median.....	...	...	...	...	\$82	\$81	\$83	\$79	\$62	\$90	\$139	...
HEATING EQUIPMENT												
Steam or hot water.....	39	39	-	-	12	5	-	-	-	-	7	-
Warm-air furnace.....	5 258	5 077	73	108	1 538	777	203	87	203	123	127	18
Built-in electric units.....	164	129	15	20	149	40	27	16	8	19	39	-
Floor, wall, or pipeless furnace.....	1 649	1 499	103	47	1 213	853	138	80	28	80	13	21
Other means.....	2 255	2 170	61	24	2 200	1 457	277	142	144	87	63	30
None.....	153	147	6	-	281	186	38	20	18	7	6	6
AIR CONDITIONING												
Room unit(s).....	637	593	27	17	662	387	101	37	48	41	40	8
Central system.....	1 316	1 291	12	13	521	179	43	35	33	96	129	6
None.....	7 565	7 177	219	169	4 210	2 752	539	273	320	179	86	61
AUTOMOBILES AVAILABLE												
1.....	4 002	3 811	91	100	3 015	1 896	326	190	170	235	144	54
2.....	3 636	3 467	103	66	1 003	657	132	64	61	31	52	6
3 or more.....	1 023	1 000	15	8	169	120	14	-	7	-	22	6
None.....	857	783	49	25	1 206	645	211	91	163	50	37	9

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

Table B-26. Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language or Spanish Surname: 1970

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

TUCSON	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	9 518	506	1 643	1 424	1 658	1 504	1 380	689	714	4.2
YEAR STRUCTURE BUILT										
1969 to March 1970	223	13	42	62	26	31	27	22	-	3.4
1965 to 1968	408	14	29	40	107	100	57	29	32	4.6
1960 to 1964	1 423	29	207	218	299	228	241	105	96	4.4
1950 to 1959	4 327	147	609	539	854	761	681	389	347	4.5
1940 to 1949	1 790	121	367	287	241	261	261	97	155	4.0
1939 or earlier	1 347	182	389	278	131	123	113	47	84	2.9
UNITS IN STRUCTURE										
1	9 061	441	1 506	1 307	1 585	1 488	1 347	673	714	4.3
2 or more	258	43	70	69	39	16	12	9	-	2.7
Mobile home or trailer	199	22	67	48	34	-	21	7	-	2.7
COMPLETE BATHROOMS										
1 and 1 1/2	6 829	363	1 308	1 110	1 128	1 085	913	436	486	4.1
2 and 2 1/2	2 242	38	241	268	487	377	428	216	187	4.7
3 or more	107	4	5	20	16	18	19	6	19	...
None or also used by another household	340	101	89	26	27	24	20	31	22	2.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	9 012	...	1 643	1 424	1 658	1 504	1 380	689	714	4.4
Male head, wife present, no nonrelatives	7 799	...	1 285	1 129	1 446	1 392	1 249	643	655	4.5
Under 25 years	253	...	64	71	67	36	9	6	6	3.4
25 to 34 years	1 720	...	145	237	418	371	70	64	64	4.6
35 to 44 years	2 144	...	67	175	375	406	493	330	298	5.6
45 to 64 years	2 901	...	529	520	521	481	359	204	287	4.3
65 years and over	781	...	480	126	65	54	26	30	-	2.3
Other male head	280	...	71	65	87	7	36	-	14	3.5
Under 65 years	249	...	59	46	87	7	36	-	14	3.7
65 years and over	31	...	12	19	-	-	-	-	-	...
Female head	933	...	287	230	125	105	95	46	45	3.3
Under 65 years	707	...	195	159	103	79	80	46	45	3.5
65 years and over	226	...	92	71	22	26	15	-	-	2.8
One-person households	506	506	...	...	...	...	...	...	...	1.9
VALUE-INCOME RATIO										
Specified owner occupied¹	9 005	428	1 501	1 301	1 561	1 480	1 347	673	714	4.3
Less than 1.5	4 295	31	497	607	737	843	748	396	436	4.8
1.5 to 1.9	1 744	256	265	265	377	209	314	129	142	4.3
2.0 to 2.4	1 010	52	195	168	170	187	122	50	66	4.0
2.5 to 2.9	564	30	171	91	76	80	50	47	19	3.4
3.0 to 3.9	553	50	138	50	66	107	74	37	31	4.1
4.0 or more	785	185	237	120	116	54	39	14	20	2.4
Not computed	54	28	7	-	19	-	-	-	-	...
Renter occupied housing units	5 393	813	1 153	1 116	776	513	365	337	320	3.3
YEAR STRUCTURE BUILT										
1969 to March 1970	57	-	30	8	6	-	-	6	7	...
1965 to 1968	391	61	70	82	64	40	26	17	31	3.3
1960 to 1964	597	76	203	107	97	41	36	31	6	2.7
1950 to 1959	1 357	112	224	321	223	163	97	119	98	3.8
1940 to 1949	1 252	160	307	320	190	102	80	49	44	3.0
1939 or earlier	1 739	404	319	278	196	167	126	115	134	3.0
UNITS IN STRUCTURE										
1	3 318	304	593	658	503	403	314	302	241	3.7
2	483	123	178	143	121	50	20	12	36	2.8
3 and 4	345	99	90	103	26	8	6	6	6	2.3
5 to 9	401	99	64	82	54	41	24	12	25	3.0
10 to 19	316	78	99	86	36	5	-	-	12	2.3
20 or more	255	73	117	30	24	6	-	5	-	2.0
Mobile home or trailer	75	37	12	14	12	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	4 681	655	1 019	1 024	692	453	304	278	256	3.2
2 or more	244	-	68	39	40	18	35	17	27	3.9
None or also used by another household	468	158	66	53	44	42	26	42	37	2.7
HOUSEHOLD COMPOSITION										
Two-or-more person households	4 580	...	1 153	1 116	776	513	365	337	320	3.5
Male head, wife present, no nonrelatives	3 359	...	747	829	556	403	264	285	275	3.7
Under 25 years	738	...	277	311	67	46	12	19	6	2.8
25 to 34 years	1 294	...	217	345	276	185	125	95	53	3.8
35 to 44 years	570	...	40	47	83	83	54	98	165	4.0
45 to 64 years	580	...	142	87	114	68	52	73	44	4.0
65 years and over	175	...	71	39	16	21	-	-	7	2.9
Other male head	246	...	112	42	19	21	-	-	5	2.8
Under 65 years	227	...	106	29	49	16	22	-	5	2.8
65 years and over	19	...	6	13	-	-	-	-	-	...
Female head	975	...	294	245	171	94	79	52	40	3.3
Under 65 years	895	...	240	226	171	79	52	40	40	3.4
65 years and over	80	...	54	19	7	7	-	-	-	...
One-person households	813	813	...	...	...	...	...	...	...	1.9
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	5 381	813	1 153	1 116	776	513	365	337	308	3.1
Less than 10 percent	542	69	97	82	84	56	61	48	45	3.8
10 to 14 percent	1 139	92	223	272	183	105	98	82	84	3.4
15 to 19 percent	918	56	177	209	176	119	93	67	61	3.6
20 to 24 percent	537	21	121	132	89	68	55	25	26	3.5
25 to 34 percent	447	120	145	160	76	54	29	34	29	2.9
35 percent or more	1 232	362	301	217	125	79	54	57	37	2.3
Not computed	366	93	89	44	43	32	15	24	26	2.5

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

Appendix A.—AREA CLASSIFICATIONS

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

USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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

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

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

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

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

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

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

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p> <p>• ■ •</p> <p>Answer these questions for your living quarters</p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p style="text-align: right; font-size: small;">Phone number</p> <p><input type="radio"/> No</p> <p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p> <p>H3. Do you have complete kitchen facilities? <i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p> <p>H4. How many rooms do you have in your living quarters? <i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p> <p>H5. Is there hot and cold piped water in this building?</p> <p><input type="radio"/> Yes, hot and cold piped water in this building</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p> <p>H6. Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p> <p>■</p> <p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p> <p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>	<p>H9. Are your living quarters—</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p> <p>H10. Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p> <p>H11. If you live in a one-family house which you own or are buying— What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <div style="border: 1px solid black; padding: 5px; font-size: small;"> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> </div> <p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month— What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p><i>and</i></p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p> <p>b. If rent is not paid by the month— What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center; font-size: small;">(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-right: 1px solid black; text-align: center; font-size: small;">A. Block number</td> <td style="width: 50%; text-align: center; font-size: small;">B. Serial number</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">0 0 0 0</td> <td style="text-align: center;">0 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">1 0 0 0</td> <td style="text-align: center;">1 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">2 0 0 0</td> <td style="text-align: center;">2 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">3 0 0 0</td> <td style="text-align: center;">3 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">4 0 0 0</td> <td style="text-align: center;">4 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">5 0 0 0</td> <td style="text-align: center;">5 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">6 0 0 0</td> <td style="text-align: center;">6 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">7 0 0 0</td> <td style="text-align: center;">7 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">8 0 0 0</td> <td style="text-align: center;">8 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">9 0 0 0</td> <td style="text-align: center;">9 0 0 0</td> </tr> </table> <p>B. Type of unit or quarters</p> <p>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>C. Vacancy status Year round—</p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p> <p>■</p> <p>D. Months vacant</p> <p><input type="radio"/> Less than 1 month</p> <p><input type="radio"/> 1 up to 2 months</p> <p><input type="radio"/> 2 up to 6 months</p> <p><input type="radio"/> 6 up to 12 months</p> <p><input type="radio"/> 1 year up to 2 years</p> <p><input type="radio"/> 2 years or more</p> <p>C/O <input type="radio"/> <input type="radio"/></p>	A. Block number	B. Serial number	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
A. Block number	B. Serial number																							
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APPENDIX B—Continued

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

15 and 5 percent

15 percent

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

APPENDIX B—Continued

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

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used</p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <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</p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used</p>	<p>H24a. How many stories (floors) are in this building? <input type="radio"/> 1 to 3 stories <input type="radio"/> 4 to 6 stories <input type="radio"/> 7 to 12 stories <input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H14. How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump <input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind In some other way—Describe → _____ <input type="radio"/> None, unit has no heating equipment</p>	<p>H25a. Which fuel is used most for cooking? <input checked="" type="radio"/> Gas { From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for house heating? <input checked="" type="radio"/> Gas { From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959 <input checked="" 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>c. Which fuel is used most for water heating? <input checked="" type="radio"/> Gas { From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe → _____</p>	<p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input checked="" type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24 <input type="radio"/> On a place of less than 10 acres? <input type="radio"/> On a place of 10 acres or more?</p>	<p>H27a. Do you have a clothes washing machine? <input type="radio"/> Yes, automatic or semi-automatic <input type="radio"/> Yes, wringer or separate spinner <input type="radio"/> No</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input checked="" type="radio"/> \$250 to \$2,499 <input type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$10,000 or more</p>	<p>b. Do you have a clothes dryer? <input type="radio"/> Yes, electrically heated <input type="radio"/> Yes, gas heated <input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)? <input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator? <input type="radio"/> Yes <input type="radio"/> No</p>
	<p>H28a. Do you have a television set? Count only sets in working order. <input type="radio"/> Yes, one set <input type="radio"/> Yes, two or more sets <input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? <input type="radio"/> Yes <input checked="" type="radio"/> No</p>
	<p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation. <input type="radio"/> Yes, one or more <input type="radio"/> No</p>
	<p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year? <input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

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

- 6 6-or-more-person household

Male Head Without Own Children Under 18

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

Female Head

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

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

APPENDIX C—Continued

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

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

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

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

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

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

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

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

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

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

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

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

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

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

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume II.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

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

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

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

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

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

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

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

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Table

1, 11, 19	VALUE
2, 12, 20	GROSS RENT
3, 13, 21	INCOME IN 1969
4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
5, 15, 23	ROOMS
6, 16, 24	UNITS IN STRUCTURE
7, 17, 25	HOUSEHOLD COMPOSITION
8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

TULSA, OKLA.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-225

A stylized graphic illustration of a city skyline and residential housing. The skyline is composed of various rectangular shapes of different heights, some with windows, set against a dark background. Below the skyline, there are several simplified house shapes with gabled roofs and chimneys. The text "1970 CENSUS OF HOUSING" is overlaid on the right side of the illustration.

1970
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David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

Arthur F. Young, Chief

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**TULSA, OKLA.
STANDARD METROPOLITAN
STATISTICAL AREA**

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

Report number	Area	Report number	Area	Report number	Area
127	Manchester, N.H. SMSA	169	Pittsfield, Mass. SMSA	211	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA
128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Stamford, Conn. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, Oreg.-Wash. SMSA	213	Steubenville-Weirton, Ohio-W. Va. SMSA
130	Memphis, Tenn.-Ark. SMSA	172	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA	214	Stockton, Calif. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
132	Miami, Fla. SMSA	174	Pueblo, Colo. SMSA	216	Tacoma, Wash. SMSA
133	Midland, Tex. SMSA	175	Racine, Wis. SMSA	217	Tallahassee, Fla. SMSA
134	Milwaukee, Wis. SMSA	176	Raleigh, N.C. SMSA	218	Tampa-St. Petersburg, Fla. SMSA
135	Minneapolis-St. Paul, Minn. SMSA	177	Reading, Pa. SMSA	219	Terre Haute, Ind. SMSA
136	Mobile, Ala. SMSA	178	Reno, Nev. SMSA	220	Toxarkana, 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	236	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-Danison, 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	Mayaguez, 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		

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

INTRODUCTION—Continued

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

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

PROCESSING PROCEDURES

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

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

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

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

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Tulsa, Okla.
STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 225.]

page

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places

XI

INDEX OF TABLES

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

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

LIST OF TABLES

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

TABLE

- 1 Value of Owner Occupied Housing Units: 1970

- 2 Gross Rent of Renter Occupied Housing Units: 1970

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

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

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

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

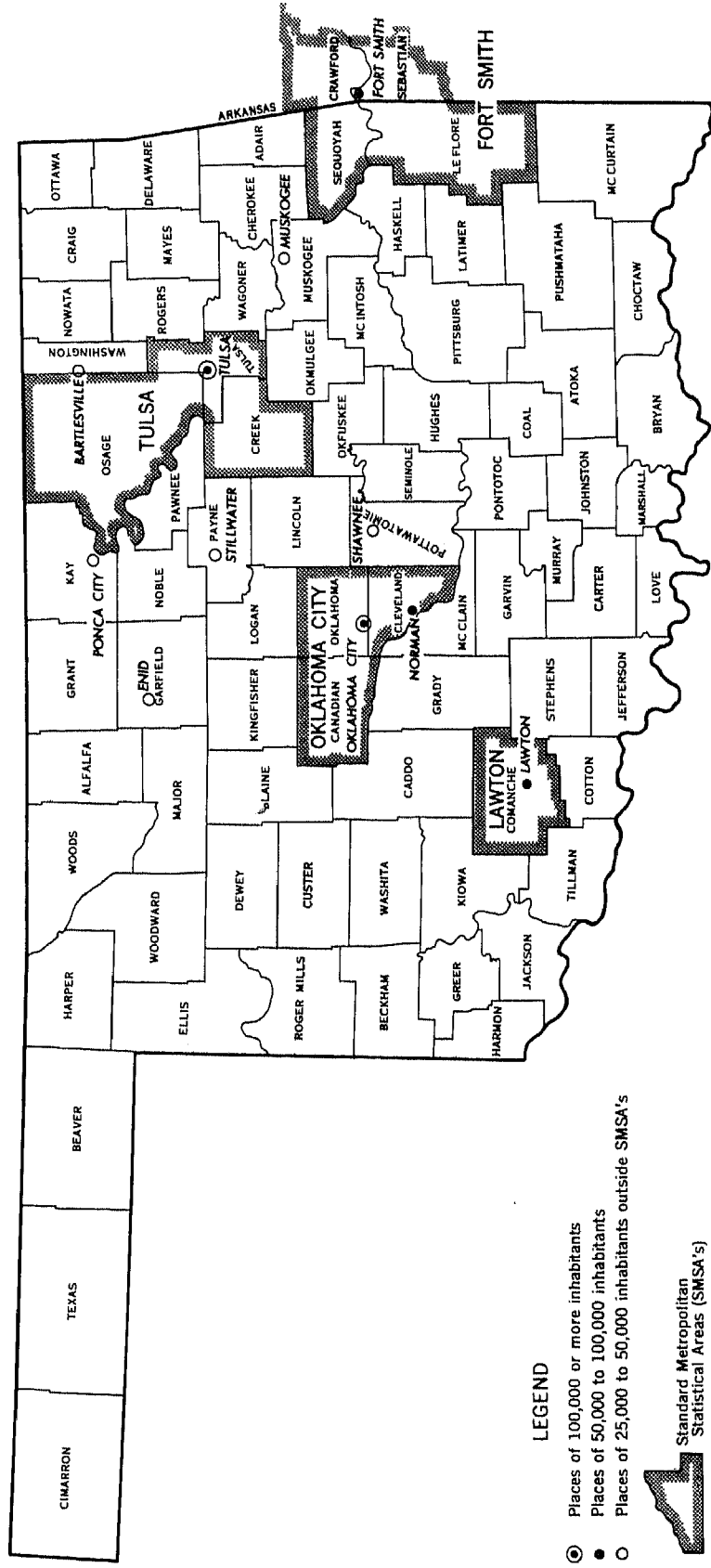
- 23 Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

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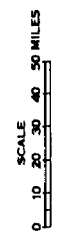
- 25 Household Composition for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

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

Counties, Standard Metropolitan Statistical Areas, and Selected Places



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



NOTE

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

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

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

The SMSA	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units -----	108 886	106 358	58 309	43 081	4 255	713	2 528	1 482	760	142	144
PERSONS											
1 person.....	14 496	13 637	13 573	64	-	-	859	824	35	-	-
2 persons.....	34 518	33 740	32 763	945	-	32	778	590	172	-	16
3 persons.....	19 808	19 526	9 619	9 884	17	6	282	54	218	5	5
4 persons.....	20 404	20 147	1 761	18 260	78	48	257	5	223	19	10
5 persons.....	11 332	11 136	593	9 748	721	74	196	9	86	59	42
6 persons or more	8 328	8 172	-	4 180	3 439	553	156	-	26	59	71
Median.....	2.8	2.8	2.0	4.1	6.3	7.5	2.0	1.4	3.3	5.3	5.3
Units with roomers, boarders, or lodgers.....	990	953	487	368	82	16	37	18	14	-	5
YEAR STRUCTURE BUILT											
1969 to March 1970.....	3 407	3 384	1 546	1 689	142	7	23	6	17	-	-
1965 to 1968.....	13 315	13 255	5 386	7 280	529	60	60	13	34	6	7
1960 to 1964.....	13 148	12 918	5 500	6 738	573	107	230	78	117	13	22
1950 to 1959.....	35 139	34 665	16 642	16 095	1 671	257	474	211	184	36	43
1940 to 1949.....	16 050	15 571	9 677	5 166	580	148	479	254	146	27	52
1939 or earlier.....	27 816	26 584	19 594	6 173	676	141	1 232	864	274	37	57
INCOME IN 1969											
Less than \$2,000.....	9 881	8 962	7 749	1 085	77	51	919	777	105	27	10
\$2,000 to \$2,999.....	5 413	5 084	4 191	740	112	41	329	186	122	5	16
\$3,000 to \$3,999.....	5 068	4 742	3 708	852	154	28	326	156	122	15	33
\$4,000 to \$4,999.....	4 973	4 792	3 425	1 174	170	23	181	81	53	25	22
\$5,000 to \$5,999.....	5 096	4 998	3 005	1 557	382	54	149	52	30	16	-
\$6,000 to \$6,999.....	6 277	6 128	3 551	2 260	276	41	149	37	72	15	25
\$7,000 to \$9,999.....	23 110	22 826	10 259	10 977	1 366	224	284	91	152	14	27
\$10,000 to \$14,999.....	28 020	27 876	11 361	15 239	1 115	161	144	44	75	20	5
\$15,000 to \$24,999.....	16 079	16 006	7 821	7 575	533	77	73	33	29	5	6
\$25,000 or more.....	4 969	4 944	3 239	1 622	70	13	25	25	-	-	-
Median.....	\$9 300	\$9 400	\$8 000	\$11 000	\$9 100	\$8 600	\$3 000	\$2000-	\$4 600	\$5 000	\$4 600
VALUE-INCOME RATIO Specified owner occupied ¹	97 260	95 447	52 447	38 662	3 757	581	1 813	1 078	565	88	11
Less than 1.5.....	46 877	46 085	20 913	22 226	2 534	412	792	294	376	62	60
1.5 to 1.9.....	19 193	18 899	9 668	8 523	662	46	294	188	79	5	22
2.0 to 2.4.....	9 954	9 844	5 641	3 952	232	19	110	71	39	-	-
2.5 to 2.9.....	5 693	5 513	3 833	1 548	97	35	180	170	10	-	-
3.0 to 3.9.....	5 294	5 131	3 941	1 075	93	22	163	109	43	11	-
4.0 or more.....	9 393	9 164	7 769	1 230	123	42	229	210	14	5	-
Not computed.....	856	811	682	108	16	5	45	36	4	5	-
HEATING EQUIPMENT											
Steam or hot water.....	532	532	422	98	12	-	-	-	-	-	-
Warm-air furnace.....	54 839	54 614	26 040	26 462	1 876	236	225	107	109	4	5
Built-in electric units.....	1 023	1 012	557	381	63	11	11	5	6	-	-
Floor, wall, or pipeless furnace.....	32 328	32 107	20 084	10 582	1 260	181	221	147	53	15	6
Other means.....	20 143	18 083	11 201	5 553	1 044	285	2 060	1 218	586	123	133
None.....	21	10	5	5	-	-	11	5	6	-	-
Renter occupied housing units -----	50 590	48 516	23 315	21 387	3 075	739	2 074	1 049	753	157	15
PERSONS											
1 person.....	14 644	13 570	12 441	1 129	-	-	1 074	798	276	-	-
2 persons.....	14 589	14 136	9 414	4 596	-	126	453	245	194	-	14
3 persons.....	8 650	8 418	1 319	6 918	166	15	232	26	177	29	9
4 persons.....	5 961	5 848	102	5 398	321	27	113	-	63	41	11
5 persons.....	3 432	3 374	39	2 514	696	125	58	-	25	12	21
6 persons or more	3 314	3 170	-	832	1 892	446	144	-	18	75	51
Median.....	2.2	2.3	1.4	3.2	5.9	6.6	1.5	1.2	2.0	5.2	5.1
Units with roomers, boarders, or lodgers.....	958	942	380	487	59	16	16	-	10	-	6
YEAR STRUCTURE BUILT											
1969 to March 1970.....	3 168	3 147	1 404	1 460	249	34	21	7	14	-	-
1965 to 1968.....	6 748	6 711	3 180	3 214	258	59	37	16	15	6	-
1960 to 1964.....	4 671	4 590	2 357	2 036	163	34	81	48	20	13	-
1950 to 1959.....	8 776	8 579	3 306	4 408	766	99	197	56	89	40	15
1940 to 1949.....	8 474	8 144	3 589	3 746	614	195	330	206	95	29	15
1939 or earlier.....	18 764	17 279	9 284	6 520	1 148	327	1 485	767	570	62	86
INCOME IN 1969											
Less than \$2,000.....	9 225	8 357	5 509	2 509	251	88	868	578	235	51	4
\$2,000 to \$2,999.....	4 350	4 086	2 226	1 488	315	57	264	130	107	17	10
\$3,000 to \$3,999.....	4 200	4 017	2 140	1 574	242	61	183	81	69	23	10
\$4,000 to \$4,999.....	4 436	4 279	2 102	1 743	357	77	157	78	64	10	5
\$5,000 to \$5,999.....	4 230	4 124	1 805	1 911	287	121	106	49	31	21	5
\$6,000 to \$6,999.....	4 114	3 951	1 799	1 810	254	88	163	60	63	6	34
\$7,000 to \$9,999.....	9 986	9 763	3 706	5 101	836	120	223	46	143	17	17
\$10,000 to \$14,999.....	7 044	6 951	2 511	3 962	397	81	93	47	30	12	4
\$15,000 to \$24,999.....	2 350	2 333	1 096	1 076	115	46	17	-	11	-	-
\$25,000 or more.....	655	655	421	213	21	-	-	-	-	-	-
Median.....	\$5 700	\$5 900	\$4 800	\$6 800	\$6 300	\$5 700	\$2 600	\$2000-	\$3 500	\$3 500	...
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied ²	48 626	46 784	22 539	20 650	2 884	711	1 842	969	689	114	70
Less than 10 percent.....	3 364	3 167	1 271	1 514	270	112	197	44	129	-	24
10 to 14 percent.....	7 896	7 699	3 056	4 065	476	102	197	84	91	6	16
15 to 19 percent.....	8 988	8 789	3 609	4 360	690	130	199	88	92	11	8
20 to 24 percent.....	6 045	5 901	2 588	2 842	352	119	144	84	54	-	6
25 to 34 percent.....	7 073	6 776	3 318	2 839	524	95	297	170	94	21	12
35 percent or more.....	11 728	11 216	6 822	3 838	455	101	512	347	139	26	-
Not computed.....	3 532	3 236	1 875	1 192	117	52	296	152	90	50	4
HEATING EQUIPMENT											
Steam or hot water.....	1 704	1 638	938	670	15	15	66	6	55	-	5
Warm-air furnace.....	14 266	14 214	6 509	6 759	803	143	52	27	25	-	-
Built-in electric units.....	2 764	2 724	1 405	1 216	71	32	40	18	22	-	-
Floor, wall, or pipeless furnace.....	13 769	13 622	6 221	6 399	883	119	147	78	48	6	15
Other means.....	18 023	16 275	8 209	6 333	1 303	430	1 748	931	591	151	75
None.....	64	43	33	10	-	-	21	9	12	-	-

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

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

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units -----	108 886	169	493	2 743	15 962	37 309	32 821	11 604	7 785	5.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access -----	105 656	90	348	2 191	15 165	36 299	32 209	11 503	7 851	5.5
PERSONS										
1 person -----	14 496	99	233	1 301	3 807	5 024	2 937	732	363	4.9
2 persons -----	34 518	48	158	959	6 085	12 627	9 709	3 244	1 688	5.3
3 persons -----	19 808	11	22	263	2 868	6 971	6 499	2 117	1 057	5.5
4 persons -----	20 404	6	52	97	1 870	6 862	7 122	2 629	1 766	5.7
5 persons -----	11 332	5	28	83	780	3 462	3 952	1 615	1 407	5.8
6 persons or more -----	8 328	---	---	40	552	2 363	2 602	1 267	1 504	6.0
Median -----	2.8	1.4	1.6	1.6	2.2	2.6	3.1	3.4	3.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities -----	106 358	107	384	2 255	15 097	36 781	32 490	11 499	7 745	5.5
0.50 or less -----	58 309	---	159	1 074	9 335	17 307	18 955	6 037	5 442	5.6
0.51 to 1.00 -----	43 081	64	149	1 010	4 534	17 142	12 616	5 343	2 223	5.4
1.01 to 1.50 -----	4 255	---	17	78	1 033	2 086	860	101	80	5.0
1.51 or more -----	713	43	59	93	195	246	59	18	---	4.3
Lacking some or all plumbing facilities -----	2 528	62	109	488	865	528	331	105	40	4.2
0.50 or less -----	1 482	---	74	227	557	344	190	56	34	4.3
0.51 to 1.00 -----	760	35	9	212	204	153	92	49	6	4.1
1.01 to 1.50 -----	142	---	5	19	70	4	44	---	---	4.2
1.51 or more -----	144	27	21	30	34	27	5	---	---	3.3
BEDROOMS										
None and 1 -----	5 126	206	545	2 196	1 614	439	126	---	---	3.3
2 -----	36 222	---	---	464	13 305	16 163	5 350	760	180	4.8
3 -----	58 389	---	---	---	551	21 236	26 384	8 116	2 102	5.8
4 or more -----	9 327	---	---	---	---	124	1 408	2 595	5 200	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	3 472	5	27	83	784	1 170	737	349	317	5.2
1960 to 1968 -----	26 467	39	104	429	2 466	8 094	8 603	3 874	2 858	5.7
1950 to 1959 -----	35 032	4	148	527	4 203	13 164	12 209	3 222	1 555	5.5
1949 or earlier -----	43 915	121	214	1 704	8 509	14 881	11 272	4 159	3 055	5.3
COMPLETE BATHROOMS										
1 and 1 1/2 -----	81 295	84	344	2 121	14 822	33 614	23 471	5 147	1 692	5.2
2 or more -----	24 592	13	33	97	420	2 752	8 750	6 368	6 159	6.5
None or also used by another household -----	2 988	61	113	597	900	698	404	157	58	4.3
VALUE-INCOME RATIO										
Specified owner occupied ¹ -----	97 260	92	232	1 686	12 086	34 169	31 022	10 789	7 184	5.5
Less than 1.5 -----	46 877	38	66	650	6 463	17 778	14 826	4 310	2 746	5.4
1.5 to 1.9 -----	19 193	10	48	192	1 576	6 285	6 794	2 490	1 798	5.7
2.0 to 2.9 -----	15 647	14	58	338	1 513	4 697	5 104	2 384	1 539	5.7
3.0 or more -----	14 687	26	60	445	2 347	5 124	4 104	1 525	1 056	5.4
Not computed -----	856	4	---	61	187	285	194	80	45	5.1
Renter occupied housing units -----	50 590	1 573	3 234	11 558	15 581	11 380	5 317	1 277	670	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access -----	47 188	841	2 594	10 901	14 924	10 939	5 211	1 249	529	4.1
PERSONS										
1 person -----	14 644	1 405	2 287	5 577	3 621	1 317	338	42	57	3.2
2 persons -----	14 589	140	695	4 095	5 316	3 009	985	245	104	3.9
3 persons -----	8 650	15	195	1 279	3 462	2 354	1 044	200	101	4.3
4 persons -----	5 961	8	28	362	2 008	2 057	1 172	224	102	4.8
5 persons -----	3 432	5	17	124	708	1 355	831	269	123	5.1
6 persons or more -----	3 314	---	12	121	466	1 288	947	297	183	5.3
Median -----	2.2	1.1	1.2	1.5	2.3	3.1	3.7	4.2	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities -----	48 516	1 279	2 825	10 953	15 120	11 174	5 261	1 243	661	4.1
0.50 or less -----	23 315	---	1 981	5 273	8 629	4 223	2 346	464	399	4.0
0.51 to 1.00 -----	21 387	1 129	637	5 156	5 366	5 709	2 431	703	256	4.2
1.01 to 1.50 -----	3 075	---	166	321	928	1 158	438	64	---	4.6
1.51 or more -----	739	150	41	203	197	84	46	12	6	3.4
Lacking some or all plumbing facilities -----	2 074	294	409	605	461	206	56	34	9	3.1
0.50 or less -----	1 069	---	306	304	308	103	21	23	4	3.3
0.51 to 1.00 -----	753	276	58	218	104	57	24	11	5	2.7
1.01 to 1.50 -----	157	---	29	41	43	33	11	---	---	3.7
1.51 or more -----	95	18	16	42	6	13	---	---	---	...
BEDROOMS										
None -----	2 034	1 290	433	311	---	---	---	---	---	1.3
1 -----	17 425	---	2 911	9 772	4 353	327	62	---	---	3.1
2 -----	19 909	---	---	837	11 041	7 050	806	135	20	4.3
3 or more -----	11 146	---	---	---	266	4 279	4 442	1 094	1 065	5.7
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	3 222	95	115	907	1 313	576	161	41	14	3.9
1960 to 1968 -----	11 558	215	699	3 633	3 777	2 196	791	167	80	3.8
1950 to 1959 -----	8 664	78	408	1 364	2 571	2 545	1 358	233	107	4.5
1949 or earlier -----	27 146	1 185	2 012	5 654	7 920	6 063	3 007	836	469	4.1
COMPLETE BATHROOMS										
1 and 1 1/2 -----	45 286	1 220	2 662	10 915	14 408	10 232	4 603	953	293	4.0
2 or more -----	2 588	21	64	64	581	734	630	301	236	5.3
None or also used by another household -----	2 727	409	516	803	601	263	86	43	6	3.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ² -----	48 626	1 568	3 186	11 368	15 060	10 769	4 940	1 153	582	4.0
Less than 10 percent -----	3 364	254	294	662	960	729	382	69	14	4.0
10 to 14 percent -----	7 896	167	511	1 569	2 573	1 806	933	248	89	4.2
15 to 19 percent -----	8 988	224	397	1 882	2 691	2 471	1 015	215	93	4.2
20 to 24 percent -----	6 045	127	285	1 395	1 925	1 378	711	116	108	4.1
25 to 34 percent -----	7 073	205	548	1 777	2 126	1 541	630	191	55	4.0
35 percent or more -----	11 728	396	912	3 497	3 844	2 021	816	167	75	3.8
Not computed -----	3 532	195	239	586	941	823	453	147	148	4.3

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

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

Table 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								Mobile home or trailer
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more		
All occupied housing units	108 886	103 014	1 875	3 997	50 590	27 768	4 459	4 630	3 335	3 401	6 416	561	
ROOMS													
1 room	169	107	41	21	1 573	381	46	77	108	174	778	9	
2 rooms	493	278	54	161	3 234	945	275	358	332	511	764	49	
3 rooms	2 743	1 910	317	516	11 558	3 510	1 411	1 385	1 323	1 403	2 343	183	
4 rooms	15 942	13 002	685	2 275	15 581	7 797	1 637	1 984	1 008	1 075	1 826	254	
5 rooms	37 309	35 990	439	880	11 380	8 553	869	674	475	195	582	52	
6 rooms	32 821	32 536	173	112	5 317	4 817	162	119	76	32	101	10	
7 rooms	11 464	11 509	63	32	1 277	1 166	44	21	5	11	26	4	
8 rooms or more	7 785	7 482	103	—	670	619	15	12	8	—	16	—	
Median	5.4	5.5	4.3	4.1	4.1	4.6	3.8	3.7	3.4	3.2	3.2	3.7	
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	106 358	100 746	1 710	3 902	48 516	26 751	4 246	4 437	3 069	3 186	6 294	533	
0.50 or less	58 309	55 382	1 239	1 688	23 315	11 291	2 380	2 265	1 591	1 911	3 595	281	
0.51 to 1.00	43 081	40 725	426	1 930	21 387	12 549	1 660	1 918	1 358	1 202	2 494	206	
1.01 to 1.50	4 255	4 011	27	217	3 075	2 419	137	27	96	48	131	31	
1.51 or more	713	628	18	67	739	492	69	41	24	25	73	15	
Lacking some or all plumbing facilities	2 528	2 248	165	95	2 074	1 037	213	193	266	215	122	28	
0.50 or less	1 482	1 338	118	26	1 069	530	130	105	171	87	29	17	
0.51 to 1.00	760	675	30	55	753	321	70	91	103	103	93	6	
1.01 to 1.50	142	137	—	5	157	132	5	5	—	10	—	5	
1.51 or more	144	118	17	9	95	54	16	6	4	15	—	—	
BEDROOMS													
None	285	202	44	39	2 034	415	58	183	126	214	1 038	—	
1	4 841	3 730	578	533	17 425	5 442	2 312	2 109	1 755	2 134	3 536	137	
2	36 222	32 585	780	2 857	19 909	12 601	1 417	1 874	1 032	775	1 763	447	
3	58 389	57 344	290	755	9 715	8 506	342	265	230	124	205	43	
4 or more	9 327	9 263	64	—	1 431	1 200	22	42	45	27	70	25	
YEAR STRUCTURE BUILT													
1969 to March 1970	3 472	2 311	67	1 094	3 222	527	182	547	571	470	876	49	
1965 to 1968	13 215	11 460	161	1 594	6 823	1 309	409	1 033	701	907	2 271	193	
1960 to 1964	13 252	12 488	121	643	4 735	1 708	249	450	426	480	1 276	146	
1950 to 1959	35 032	34 342	185	505	8 664	6 604	512	453	188	307	471	129	
1940 to 1949	16 037	15 671	292	74	8 389	6 031	892	695	264	240	251	16	
1939 or earlier	27 878	26 742	1 049	87	18 757	11 609	2 215	1 452	1 185	997	1 271	28	
INCOME IN 1969													
Less than \$2,000	9 881	9 129	473	279	9 225	4 776	966	1 006	695	616	1 044	122	
\$2,000 to \$2,999	5 413	4 937	258	218	4 350	2 378	408	435	367	279	449	34	
\$3,000 to \$3,999	5 068	4 615	209	244	4 200	2 000	417	489	346	368	504	76	
\$4,000 to \$4,999	4 773	4 636	107	230	4 436	2 267	515	456	301	326	516	55	
\$5,000 to \$5,999	5 096	4 643	126	327	4 230	2 456	359	367	266	283	456	43	
\$6,000 to \$6,999	6 277	5 808	114	358	4 114	2 153	314	346	231	337	465	51	
\$7,000 to \$9,999	23 110	21 593	282	1 235	9 986	6 167	743	755	611	550	1 068	92	
\$10,000 to \$14,999	28 020	26 940	201	879	7 044	4 186	483	521	357	440	979	78	
\$15,000 to \$24,999	16 079	15 766	103	210	2 350	1 131	171	200	117	153	573	7	
\$25,000 or more	4 969	4 947	5	17	655	274	66	55	44	49	162	5	
Median	\$9 300	\$9 500	\$4 000	\$7 800	\$5 700	\$6 000	\$4 900	\$4 800	\$4 900	\$5 400	\$6 400	\$4 900	
YEAR MOVED INTO UNIT													
1969 to March 1970	13 689	11 677	324	1 688	28 585	13 791	2 537	3 074	2 419	2 356	4 042	366	
1968	10 146	9 288	100	758	6 766	4 032	639	503	303	328	895	66	
1967	7 655	7 134	95	426	3 633	2 234	259	283	180	156	471	50	
1965 and 1966	14 589	13 775	264	550	4 083	2 605	378	272	182	209	411	26	
1960 to 1964	21 592	20 991	274	327	3 926	2 517	392	307	232	175	282	21	
1950 to 1959	24 804	24 313	335	156	2 307	1 491	235	173	76	128	197	7	
1949 or earlier	16 400	15 832	519	49	1 301	908	114	75	21	82	101	—	
GROSS RENT													
Specified renter occupied ¹ .....	...	...	...	...	48 626	25 824	4 459	4 630	3 335	3 401	6 416	561
Less than \$50 .....	...	...	...	...	3 328	1 630	332	414	283	265	345	59
\$50 to \$59 .....	...	...	...	...	3 356	1 806	383	378	281	196	278	34
\$60 to \$69 .....	...	...	...	...	4 795	2 327	647	499	425	250	423	24
\$70 to \$79 .....	...	...	...	...	4 392	2 574	537	412	254	240	336	39
\$80 to \$89 .....	...	...	...	...	7 943	4 735	1 071	794	428	390	411	114
\$100 to \$119 .....	...	...	...	...	6 356	3 845	474	568	551	331	492	95
\$120 to \$149 .....	...	...	...	...	6 800	3 184	234	567	561	892	1 311	51
\$150 to \$199 .....	...	...	...	...	6 413	2 427	328	738	312	697	1 879	32
\$200 to \$299 .....	...	...	...	...	2 146	864	275	148	176	71	606	6
\$300 or more .....	...	...	...	...	481	183	50	62	4	—	182	—
No cash rent .....	...	...	...	...	2 616	2 049	128	50	60	69	153	107
Median .....	...	...	...	...	\$98	\$94	\$84	\$93	\$98	\$120	\$139	\$89
HEATING EQUIPMENT													
Steam or hot water	532	487	45	—	1 704	106	37	49	152	317	1 037	6	
Warm-air furnace	54 839	50 965	439	3 435	14 266	5 221	912	1 627	1 265	1 356	3 489	396	
Built-in electric units	1 023	935	36	52	2 764	521	76	474	220	353	1 111	9	
Floor, wall, or pipeless furnace	32 328	31 561	607	160	13 769	10 015	1 634	916	500	377	305	22	
Other means	20 143	19 055	748	340	18 023	11 876	1 795	1 564	1 198	988	474	128	
None	21	11	—	10	64	49	5	—	—	10	—	—	
AIR CONDITIONING													
Room unit(s)	53 353	50 636	920	1 797	18 191	10 586	1 533	1 566	1 312	1 316	1 604	274	
Central system	29 390	28 275	289	826	10 233	2 020	701	1 314	985	1 332	3 807	74	
None	26 132	24 099	702	1 331	22 177	14 972	2 320	1 807	1 116	786	988	188	
AUTOMOBILES AVAILABLE													
1	45 023	41 938	1 019	2 066	26 852	14 099	2 357	2 635	2 007	1 905	3 497	352	
2	45 634	43 739	368	1 527	12 153	7 448	892	856	563	723	1 390	81	
3 or more	9 831	9 581	67	183	1 493	1 086	67	50	43	59	176	12	
None	8 387	7 752	457	178	10 103	4 743	1 238	1 146	800	747	1 336	91	

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

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

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

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	108 886	14 496	34 518	19 808	20 404	11 332	5 062	2 232	1 034	2.8
BEDROOMS										
None and 1	5 126	2 386	1 984	521	107	80	48	—	—	1.6
2	36 222	8 207	16 440	6 023	3 666	1 315	395	176	—	2.1
3	58 389	3 541	14 561	12 043	15 015	7 980	3 247	1 423	579	3.4
4 or more	9 327	349	1 446	1 209	1 889	2 096	1 336	646	356	4.4
YEAR STRUCTURE BUILT										
1969 to March 1970	3 472	233	976	686	910	452	132	67	16	3.3
1965 to 1968	13 215	573	2 743	2 931	3 737	2 037	829	282	83	3.6
1960 to 1964	13 252	600	3 119	2 721	3 551	1 876	877	357	151	3.6
1950 to 1959	35 032	3 047	10 197	6 983	7 598	4 288	1 748	810	361	3.1
1940 to 1949	16 037	2 872	6 103	2 802	2 055	1 251	529	243	182	2.3
1939 or earlier	27 878	7 171	11 380	3 685	2 553	1 428	947	473	241	2.1
UNITS IN STRUCTURE										
1	103 014	12 960	32 590	18 759	19 607	10 991	4 967	2 128	1 012	2.8
2 or more	1 875	890	530	164	135	112	20	18	6	1.6
Mobile home or trailer	3 997	646	1 398	885	662	229	75	86	16	2.5
COMPLETE BATHROOMS										
1 and 1 1/2	81 295	12 298	26 987	15 001	13 881	7 538	3 227	1 679	684	2.6
2 and 2 1/2	22 330	1 134	6 037	4 069	5 671	3 273	1 545	404	197	3.5
3 or more	2 262	160	564	339	450	338	212	98	101	3.7
None or also used by another household	2 988	943	929	364	338	219	47	64	84	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	94 390	...	34 518	19 808	20 404	11 332	5 062	2 232	1 034	3.1
Male head, wife present, no nonrelatives	84 709	...	29 655	17 503	19 166	10 593	4 797	2 034	959	3.2
Under 25 years	2 467	...	858	930	567	31	—	9	—	2.9
25 to 34 years	16 418	...	1 698	3 740	6 303	3 150	1 070	333	124	3.9
35 to 44 years	20 106	...	1 615	3 037	6 544	4 832	2 495	1 077	506	4.3
45 to 64 years	34 510	...	15 974	8 593	5 456	2 407	1 173	591	316	2.6
65 years and over	11 208	...	9 510	1 203	296	136	28	—	9	2.1
Other male head	2 309	...	1 080	531	324	202	80	26	39	2.6
Under 65 years	1 861	...	788	432	275	198	80	35	33	2.8
65 years and over	448	...	292	99	49	4	—	—	—	2.3
Female head	7 372	...	3 783	1 774	914	537	185	137	42	2.5
Under 65 years	5 504	...	2 405	1 473	787	498	175	129	37	2.7
65 years and over	1 868	...	1 378	301	127	39	10	8	5	2.2
One-person households	14 496	14 496	...	...	...	...	...	...	...	1.9
VALUE-INCOME RATIO										
Specified owner occupied¹	97 260	12 228	30 573	17 779	18 664	10 451	4 670	1 958	937	2.8
Less than 1.5	46 877	1 762	14 407	10 328	10 203	5 656	2 735	1 161	625	3.2
1.5 to 1.9	19 193	1 363	5 671	3 796	4 334	2 436	1 044	405	144	3.2
2.0 to 2.4	9 954	1 188	3 228	1 637	2 118	1 093	443	174	73	2.8
2.5 to 2.9	5 693	1 331	2 001	720	803	569	170	69	30	2.3
3.0 to 3.9	5 294	1 513	2 140	544	550	341	121	69	16	2.0
4.0 or more	9 393	4 584	2 932	682	611	324	136	80	44	1.5
Not computed	856	487	194	72	45	32	21	—	5	1.4
Renter occupied housing units										
50 590	14 644	14 589	8 650	5 961	3 432	1 806	1 033	475	2.2	
BEDROOMS										
None	2 034	1 724	277	13	—	—	20	—	—	1.1
1	17 425	8 978	6 021	1 670	417	156	111	45	27	1.5
2	19 909	3 608	6 621	4 979	2 815	1 130	465	202	89	2.5
3 or more	11 146	506	1 676	1 894	2 439	2 116	1 265	889	361	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	3 222	801	1 167	503	374	163	52	96	66	2.2
1965 to 1968	6 823	1 869	2 514	1 210	658	364	106	62	40	2.1
1960 to 1964	4 735	1 445	1 559	820	495	246	131	21	18	2.1
1950 to 1959	8 664	1 456	2 113	1 819	1 608	934	434	221	79	2.9
1940 to 1949	8 389	2 004	2 179	1 691	1 185	730	364	171	65	2.5
1939 or earlier	18 757	7 069	5 057	2 607	1 641	995	719	462	207	2.0
UNITS IN STRUCTURE										
1	27 788	5 096	7 005	5 369	4 570	2 884	1 598	874	392	2.8
2	4 459	1 504	1 491	836	399	128	54	29	18	2.0
3 and 4	4 630	1 582	1 448	929	395	154	56	38	28	2.0
5 to 9	3 335	1 364	1 121	459	173	122	32	43	21	1.8
10 to 19	3 401	1 655	1 167	362	131	46	24	16	—	1.5
20 or more	6 416	3 288	2 137	578	267	64	37	33	12	1.5
Mobile home or trailer	561	155	220	117	26	34	5	—	4	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	45 286	12 876	13 147	7 895	5 452	3 008	1 583	902	423	2.2
2 or more	2 588	298	881	486	439	276	87	43	78	2.7
None or also used by another household	2 727	1 440	580	314	126	90	123	41	13	1.4
HOUSEHOLD COMPOSITION										
Two-or-more-person households	35 946	...	14 589	8 650	5 961	3 432	1 806	1 033	475	2.9
Male head, wife present, no nonrelatives	27 084	...	10 352	6 613	4 778	2 807	1 430	742	362	3.0
Under 25 years	6 215	...	2 956	1 722	648	179	39	16	5	2.6
25 to 34 years	8 435	...	1 980	2 206	2 124	1 420	528	267	110	3.6
35 to 44 years	4 211	...	693	751	881	796	638	308	144	4.3
45 to 64 years	6 050	...	3 177	1 207	824	389	208	151	94	2.5
65 years and over	1 973	...	1 546	277	101	23	17	—	9	2.1
Other male head	1 839	...	1 178	333	202	48	54	14	10	2.3
Under 65 years	1 693	...	1 053	323	197	42	54	14	10	2.3
65 years and over	146	...	105	5	5	—	—	—	—	2.1
Female head	7 023	...	3 059	1 704	981	577	322	277	103	2.8
Under 65 years	6 382	...	2 558	1 624	957	551	317	272	103	2.9
65 years and over	641	...	501	80	24	26	5	—	—	2.1
One-person households	14 644	14 644	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	48 626	14 356	14 077	8 276	5 681	3 203	1 673	931	429	2.2
Less than 10 percent	3 364	693	1 209	569	406	190	148	83	66	2.3
10 to 14 percent	7 896	1 386	2 514	1 623	1 167	641	377	123	65	2.5
15 to 19 percent	8 988	1 764	2 720	1 778	1 389	674	357	239	67	2.5
20 to 24 percent	6 045	1 465	1 628	1 193	879	444	211	149	75	2.5
25 to 34 percent	7 073	2 188	2 079	1 156	618	544	271	151	66	2.1
35 percent or more	11 728	5 432	3 102	1 476	771	500	220	156	71	1.6
Not computed	3 532	1 427	825	481	451	210	89	30	19	1.9

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

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

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	1 886	715	622	549	Vacant for rent	7 318	4 341	1 902	1 075
ROOMS					ROOMS				
1 to 3 rooms	108	24	23	61	1 room	374	246	79	49
4 rooms	261	66	110	85	2 rooms	712	446	121	145
5 rooms	706	304	241	161	3 rooms	2 108	1 324	538	246
6 rooms	516	194	145	177	4 rooms	2 507	1 533	649	325
7 rooms or more	295	127	103	65	5 rooms	1 233	565	432	236
PLUMBING FACILITIES					6 rooms	264	164	50	50
With all plumbing facilities	1 820	699	612	509	7 rooms or more	120	63	33	24
Lacking some or all plumbing facilities	66	16	10	40	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities	6 834	4 106	1 822	906
None and 1	246	57	48	141	Lacking some or all plumbing facilities	484	235	80	169
2	550	165	175	210	BEDROOMS				
3	824	432	179	213	None	582	448	67	67
4 or more	176	71	86	19	1	3 098	2 028	625	445
YEAR STRUCTURE BUILT					2	3 025	1 840	720	465
1969 to March 1970	383	285	65	33	3 or more	617	344	121	152
1960 to 1968	345	124	97	298	YEAR STRUCTURE BUILT				
1950 to 1959	461	134	206	121	1969 to March 1970	1 479	1 064	348	67
1949 or earlier	697	172	227	298	1960 to 1968	1 656	1 114	404	138
UNITS IN STRUCTURE					1950 to 1959	640	367	176	97
1	1 823	690	606	527	1949 or earlier	3 543	1 796	974	773
2 or more	63	25	16	22	UNITS IN STRUCTURE				
HEATING EQUIPMENT					1	2 323	1 075	668	580
Steam or hot water	12	-	12	-	2 to 4	1 905	1 132	491	282
Warm-air furnace	994	489	283	222	5 to 9	835	477	276	82
Built-in electric units	40	4	32	4	10 to 19	905	649	194	62
Floor, wall, or pipeless furnace	499	143	197	159	20 or more	1 350	1 008	273	69
Other means	328	79	93	156	RENT ASKED				
None	13	-	5	8	Specified vacant for rent ²	7 219	4 306	1 886	1 027
SALES PRICE ASKED					Less than \$50	1 417	496	504	417
Specified vacant for sale ¹	1 771	673	584	514	\$50 to \$59	672	375	163	134
Less than \$5,000	196	38	59	99	\$60 to \$79	1 345	760	352	233
\$5,000 to \$9,999	352	86	123	143	\$80 to \$99	688	425	176	87
\$10,000 to \$14,999	490	212	154	124	\$100 to \$119	399	229	109	61
\$15,000 to \$19,999	281	141	91	49	\$120 to \$149	868	708	133	27
\$20,000 to \$24,999	174	44	85	45	\$150 to \$199	1 402	1 041	337	24
\$25,000 to \$34,999	205	112	42	51	\$200 or more	428	272	112	44
\$35,000 to \$49,999	46	29	17	3	Median rent asked	\$85	\$108	\$76	\$57
\$50,000 or more	27	11	13	-					
Median price asked	\$13 400	\$15 000	\$13 600	\$10 600					

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

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

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

The SMSA	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
			490	281	174	205	73			2 089	1 345	688	1 267	1 402	428
Total	1 771	548	490	281	174	205	73	7 219	2 089	1 345	688	1 267	1 402	428
PLUMBING FACILITIES														
With all plumbing facilities	1 643	467	480	253	158	141	144	6 729	1 556	1 494	581	1 265	1 426	407
Lacking some or all plumbing facilities	60	60	-	-	-	-	-	498	396	65	17	20	-	-
BEDROOMS														
None and 1	223	187	18	-	-	18	-	3 680	1 225	809	305	794	475	72
2	495	245	202	30	18	-	-	2 930	620	530	243	402	912	223
3	809	80	260	223	123	104	19	500	107	172	17	72	39	93
4 or more	176	15	-	-	17	19	125	117	-	48	33	17	-	19
YEAR STRUCTURE BUILT														
1969 to March 1970	379	4	63	138	34	100	40	1 479	203	124	17	258	681	196
1960 to 1968	324	44	96	50	66	55	13	1 637	78	91	72	571	645	180
1950 to 1959	451	114	182	63	49	34	9	615	180	168	93	127	39	8
1949 or earlier	617	386	149	30	25	16	11	3 488	1 628	962	506	311	37	44
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	2 224	1 100	576	222	239	52	35
2 to 4 .....	...	...	...	...	...	...	...	1 905	481	372	225	231	495	101
5 to 19 .....	...	...	...	...	...	...	...	1 740	358	306	168	432	343	133
20 or more .....	...	...	...	...	...	...	...	1 350	150	91	73	365	512	159
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	3 875	847	546	260	739	1 136	347
Some or no utilities included .....	...	...	...	...	...	...	...	3 344	1 242	799	428	528	266	81

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

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	4 722	798	740	987	569	854	343	208	48	25	5	145	68
ROOMS													
1 room	82	57	—	—	7	—	—	—	—	5	—	13	...
2 rooms	128	52	28	27	—	5	—	5	4	—	—	7	53
3 rooms	1 059	334	226	246	89	71	37	11	—	9	—	36	58
4 rooms	1 451	214	377	245	154	300	100	34	11	—	—	16	65
5 rooms	1 299	99	79	329	201	320	79	96	27	11	5	53	76
6 rooms	549	37	30	118	66	122	100	50	6	—	—	20	82
7 rooms	82	5	—	3	30	30	14	—	—	—	—	—	...
8 rooms or more	72	—	—	19	22	6	13	12	—	—	—	—	...
Median	4.2	3.4	3.8	4.4	4.7	4.7	4.9	5.1	...	...	...	4.5	...
PERSONS													
1 person	1 226	385	217	208	148	96	49	48	4	14	—	55	59
2 persons	939	194	167	180	95	182	48	15	5	—	—	53	65
3 persons	795	75	145	156	91	178	88	31	17	9	5	—	72
4 persons	663	79	124	147	100	95	59	22	11	—	—	26	68
5 persons	406	36	44	108	61	97	15	29	11	—	—	5	72
6 persons or more	693	29	43	188	74	206	84	63	—	—	—	6	81
Median	2.8	1.6	2.4	3.2	3.0	3.3	3.3	4.0	...	...	...	1.8	...
Units with roomers, boarders, or lodgers	109	10	19	35	16	24	—	5	—	—	—	—	67
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	1 766	348	321	326	219	284	117	63	15	11	—	62	66
0.51 to 1.00	1 907	272	270	420	262	353	149	103	28	9	5	36	69
1.01 to 1.50	615	29	61	194	50	177	73	26	5	—	—	—	75
1.51 or more	128	10	17	16	26	35	—	16	—	—	—	8	77
Lacking some or all plumbing facilities													
0.50 or less	306	139	71	31	12	5	4	—	—	5	—	39	50
0.51 to 1.00	158	70	38	12	7	5	4	—	—	—	—	22	50
1.01 to 1.50	113	63	20	14	5	—	—	—	—	5	—	6	50--
1.51 or more	29	—	13	5	—	—	—	—	—	—	—	11	...
6	6	—	—	—	—	—	—	—	—	—	—	—	...
BEDROOMS													
None	81	39	—	19	—	—	—	—	—	—	—	23	...
1	1 284	365	287	271	150	108	—	46	15	—	—	42	59
2	2 050	196	373	307	235	525	208	82	75	—	—	49	75
3 or more	1 336	120	48	311	282	278	176	121	—	—	—	—	77
YEAR STRUCTURE BUILT													
1969 to March 1970	712	265	223	183	32	—	4	5	—	—	—	—	54
1965 to 1968	429	57	66	139	21	29	96	10	11	—	—	—	67
1960 to 1964	183	—	17	31	29	49	—	27	12	5	—	13	83
1950 to 1959	598	45	30	111	71	164	67	74	20	5	5	6	84
1940 to 1949	1 055	128	171	161	183	215	81	48	5	6	—	57	72
1939 or earlier	1 745	303	233	362	233	397	95	44	—	9	—	69	68
ELEVATOR IN STRUCTURE													
4 floors or more	22	—	22	—	—	—	—	—	—	—	—	—	...
With elevator	—	—	—	—	—	—	—	—	—	—	—	—	...
Walk-up	22	—	22	—	—	—	—	—	—	—	—	—	...
1 to 3 floors	4 729	720	686	908	667	911	384	249	90	—	—	114	70
COMPLETE BATHROOMS													
1 and 1 1/2	4 270	644	651	949	521	817	321	200	39	22	8	98	68
2 or more	67	—	—	24	17	11	15	—	—	—	—	—	...
None or also used by another household	362	166	86	30	9	8	—	—	—	11	—	52	50--
INCOME IN 1969													
Less than \$2,000	1 788	465	344	397	179	233	65	44	4	11	—	46	62
\$2,000 to \$2,999	870	166	107	227	127	160	32	19	11	5	—	16	67
\$3,000 to \$3,999	537	71	103	107	75	103	29	16	11	—	—	22	68
\$4,000 to \$4,999	327	29	43	72	68	72	24	10	—	—	—	9	72
\$5,000 to \$5,999	321	19	47	48	44	98	27	6	6	—	5	21	78
\$6,000 to \$6,999	254	19	—	44	18	66	57	24	5	5	—	16	95
\$7,000 to \$9,999	448	25	60	77	37	112	72	41	11	4	—	9	84
\$10,000 to \$14,999	157	—	36	10	21	4	32	48	—	—	—	6	103
\$15,000 to \$24,999	9	4	—	—	—	—	5	—	—	—	—	—	...
\$25,000 or more	11	—	—	5	—	6	—	—	—	—	—	—	...
Median	\$2 600	\$2000--	\$2 200	\$2 400	\$2 800	\$3 300	\$5 800	\$6 400	...	...	...	\$3 500	...
YEAR MOVED INTO UNIT													
1969 to March 1970	2 610	436	470	573	257	500	186	124	23	20	—	21	67
1968	570	50	54	138	68	128	67	36	7	5	8	—	76
1967	374	77	39	45	63	72	43	26	9	—	—	—	74
1965 and 1966	272	41	55	38	50	59	16	—	—	—	—	13	69
1960 to 1964	399	99	75	95	35	40	17	14	—	—	—	24	61
1950 to 1959	307	58	42	99	54	29	7	—	—	—	—	18	64
1949 or earlier	167	49	—	15	20	8	—	—	—	8	—	—	67
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	257	64	96	53	25	10	9	—	—	—	—	...	57
10 to 14 percent	426	55	62	113	47	87	36	26	—	—	—	...	68
15 to 19 percent	557	74	89	92	67	119	73	43	—	—	—	...	74
20 to 24 percent	585	119	97	80	75	109	69	36	—	—	—	...	70
25 to 34 percent	715	159	79	181	74	141	40	19	22	—	—	...	67
35 percent or more	1 858	279	271	425	268	364	111	84	26	25	5	...	69
Not computed	324	48	46	43	13	24	5	—	—	—	—	145	59
AIR CONDITIONING													
Room unit(s)	705	64	74	119	103	120	49	95	6	5	—	70	76
Central system	228	55	11	16	16	8	85	11	17	9	—	—	102
None	3 766	691	652	868	428	708	202	94	16	19	8	80	66

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

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

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

The SMSA		Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units													
		6 709	1 445	772	624	586	581	454	1 088	858	274	27	4 400
ROOMS													
1 and 2 rooms	68	29	25	...	...	...	9	...	5	...	...	...	...
3 rooms	295	166	50	10	15	9	...	9	28	4	4	...	2000-
4 rooms	1 278	402	187	117	94	121	77	166	94	15	5	...	3 400
5 rooms	2 641	548	291	290	243	238	186	446	285	114	7	...	4 600
6 rooms	1 643	202	179	161	151	116	124	288	340	75	7	...	6 100
7 rooms or more	784	98	40	46	83	88	58	155	135	66	15	...	6 600
PERSONS													
1 person	1 297	814	197	85	51	40	29	76	5	...	...	...	2000-
2 persons	1 992	341	320	275	236	154	133	273	203	52	5	...	4 300
3 and 4 persons	1 781	176	167	101	164	206	196	338	328	96	9	...	6 400
5 persons	577	55	22	45	41	52	47	137	103	65	10	...	7 400
6 persons or more	1 062	59	66	118	94	129	49	264	219	61	3	...	7 900
Units with roomers, boarders, or lodgers	177	55	48	11	24	19	15	...	5	...	...	...	2 700
BEDROOMS													
Less than 3	3 697	1 081	426	228	448	286	312	568	211	113	24	...	4 300
3	3 003	316	261	198	282	362	149	701	586	148	...	...	6 600
4 or more	262	41	23	...	43	...	21	24	87	24	...	...	...
YEAR STRUCTURE BUILT													
1969 to March 1970	34	5	...	...	5	5	5	5	14	...	...	...	...
1960 to 1968	679	91	67	56	65	46	38	143	113	55	5	...	6 400
1950 to 1959	1 976	176	172	172	167	180	144	462	371	127	5	...	6 800
1949 or earlier	4 020	1 173	533	396	349	350	267	483	360	92	17	...	3 800
YEAR MOVED INTO UNIT													
1969 to March 1970	698	73	32	90	86	50	36	184	136	11	...	...	6 300
1968	515	67	26	18	52	44	89	127	66	26	...	...	6 400
1960 to 1967	2 471	358	290	235	170	252	181	444	383	151	7	...	5 700
1959 or earlier	3 089	953	462	362	210	229	165	309	296	75	28	...	3 400
SELECTED CHARACTERISTICS													
Automatic clothes washing machine	2 707	311	77	179	236	275	218	746	471	170	24	...	7 200
Clothes dryer	1 473	172	17	42	94	127	114	445	336	126	...	...	8 300
Dishwasher	549	26	...	...	37	83	21	216	125	41	...	...	8 500
Home food freezer	1 653	246	142	42	248	96	79	326	278	196	...	...	6 700
Owned second home	168	74	...	...	...	...	...	17	57	...	...	...	...
With air conditioning	3 191	377	309	310	222	265	277	622	544	223	27	...	6 400
Room unit(s)	2 853	366	279	272	216	247	256	555	480	167	15	...	6 200
Central system	338	11	30	38	6	18	21	67	84	56	7	...	9 000
Automobiles available:													
1	3 310	509	394	399	347	406	243	583	322	87	20	...	5 300
2	1 572	96	72	91	99	101	149	372	462	123	7	...	8 400
3 or more	229	...	21	...	37	20	26	52	53	...	...	...	9 800
Renter occupied housing units													
		4 859	1 853	894	548	333	326	267	453	165	9	11	3 400
ROOMS													
1 room	82	42	9	15	...	...	...	4	12	...	...	...	2000-
2 rooms	133	89	4	14	3	7	...	...	16	...	...	...	2 000
3 rooms	1 079	548	202	83	100	41	35	48	17	...	5	...	2 700
4 rooms	1 505	561	223	178	91	138	105	141	53	9	...	...	3 000
5 rooms	1 317	412	328	129	89	92	74	138	55	...	6	...	3 800
6 rooms or more	743	201	128	129	50	48	49	98	40	...	...	...	3 300
PERSONS													
1 person	1 246	798	182	103	48	39	15	56	5	...	...	...	2000-
2 persons	957	353	203	102	73	53	47	81	34	5	6	...	2 400
3 and 4 persons	1 509	449	239	173	141	143	127	168	64	...	5	...	3 400
5 persons	415	119	77	48	30	45	22	50	20	4	...	...	3 900
6 persons or more	732	134	193	122	41	46	56	98	42	...	...	...	3 300
Units with roomers, boarders, or lodgers	112	70	8	11	13	6	...	4	...	...	...	...	2000-
BEDROOMS													
None	81	81	...	...	...	...	...	...	...	...	...	...	3000-
1	1 306	699	197	63	76	86	42	120	...	...	...	...	3 700
2	2 101	834	319	197	213	128	164	133	60	35	23	...	3 500
3 or more	1 386	288	416	174	81	197	82	100	48	...	...	...	3 800
YEAR STRUCTURE BUILT													
1969 to March 1970	744	321	135	110	45	45	14	52	22	...	...	...	2 400
1960 to 1968	621	179	140	75	34	48	47	44	43	5	6	...	3 000
1950 to 1959	604	151	106	83	38	54	55	92	25	...	...	...	3 300
1949 or earlier	2 890	1 202	513	280	216	179	151	265	75	4	5	...	2 500
YEAR MOVED INTO UNIT													
1969 to March 1970	2 653	983	463	348	199	151	125	288	96	...	...	...	2 700
1968	610	163	137	64	37	42	81	42	44	...	...	...	3 100
1960 to 1967	1 078	378	237	135	59	58	31	133	47	...	...	...	2 700
1959 or earlier	494	277	47	55	18	51	26	11	9	...	...	...	2000-
GROSS RENT AS PERCENTAGE OF INCOME													
Specified renter occupied:													
Less than 15 percent	4 722	1 788	870	537	327	321	254	448	157	9	11	...	2 700
15 to 19 percent	683	...	6	22	39	96	27	294	129	9	...	...	3 000
20 to 24 percent	557	4	16	120	116	90	79	110	22	...	...	...	3 300
25 to 34 percent	585	5	169	140	96	91	64	20	...	...	...	...	3 600
35 percent or more	715	156	268	187	62	18	13	11	...	...	...	...	4 500
Not computed	1 858	1 398	395	46	5	5	4	...	...	...	...	...	2000-
	324	225	16	22	9	21	16	9	6	...	...	...	2000-
SELECTED CHARACTERISTICS													
Automatic clothes washing machine	825	186	198	99	85	93	46	74	44	...	...	...	3 300
Clothes dryer	272	23	18	75	...	...	...	74	44	...	...	...	...
Dishwasher	46	...	...	...	...	...	...	46	...	...	...	...	...
Home food freezer	509	89	135	62	124	24	...	33	27	15	...	...	3 500
Owned second home	63	20	25	...	...	...	...	...	...	...	...	...	...
With air conditioning	972	301	115	81	61	92	90	149	83	...	...	...	3 900
Room unit(s)	733	235	88	61	49	73	69	102	56	...	...	...	3 700
Central system	239	66	20	12	19	21	47	27	...	...	...	...	4 500
Automobiles available:													
1	2 061	554	381	190	195	184	164	301	92	...	...	...	3 500
2	388	68	38	8	14	53	43	93	71	...	...	...	6 300
3 or more	11	...	4	...	...	...	...	7	...	...	...	...	...

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

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

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

The SMSA	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	6 709	6 132	3 281	2 103	593	155	577	367	130	42	38
PERSONS											
1 person	1 297	1 086	1 086	-	-	-	211	206	5	-	-
2 persons	1 992	1 807	1 767	40	-	-	185	152	33	-	-
3 persons	1 024	978	377	596	5	-	46	9	37	-	-
4 persons	757	716	37	651	18	10	41	-	41	-	-
5 persons	577	555	14	492	30	19	22	-	5	17	-
6 persons or more	1 062	990	-	324	540	124	72	-	9	25	38
Median	2.6	2.7	1.8	4.1	6.7	7.5+	1.9	1.4	3.2	...	...
Units with roomers, boarders, or lodgers	177	163	118	30	10	5	14	5	9	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	19	14	6	8	-	-	5	-	5	-	-
1965 to 1968	199	192	77	101	14	-	7	-	7	-	-
1960 to 1964	514	452	144	177	107	24	62	23	26	13	-
1950 to 1959	2 024	1 943	803	804	250	86	81	26	31	6	18
1940 to 1949	1 954	1 827	1 040	619	137	31	127	76	31	13	7
1939 or earlier	2 063	1 780	1 232	408	111	29	283	201	50	7	25
INCOME IN 1969											
Less than \$2,000	1 445	1 172	917	214	11	30	273	227	35	6	5
\$2,000 to \$2,999	772	688	483	133	51	21	84	54	25	5	-
\$3,000 to \$3,999	624	551	345	137	59	10	73	40	16	5	12
\$4,000 to \$4,999	586	549	321	166	53	9	37	16	5	10	6
\$5,000 to \$5,999	581	544	221	216	89	18	37	11	10	16	-
\$6,000 to \$6,999	454	434	203	201	30	-	20	-	15	-	5
\$7,000 to \$9,999	1 088	1 057	387	454	170	46	31	9	12	-	10
\$10,000 to \$14,999	858	845	316	416	99	14	13	5	8	-	-
\$15,000 to \$24,999	274	270	83	149	31	7	4	-	4	-	-
\$25,000 or more	27	22	5	17	-	-	5	5	-	-	-
Median	\$4 900	\$5 200	\$3 700	\$6 900	\$7 100	\$5 400	\$2 200	\$2000-	\$3 300	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹											
Less than 1.5	6 258	5 806	3 081	2 001	569	155	452	304	92	27	29
1.5 to 1.9	2 753	2 603	1 006	1 198	320	79	150	64	51	11	24
2.0 to 2.4	947	872	439	303	110	20	75	46	19	5	5
2.5 to 2.9	566	543	312	156	65	10	23	17	6	-	-
3.0 to 3.9	412	356	236	78	22	20	56	56	-	-	-
4.0 or more	513	437	349	62	15	11	76	59	6	11	-
Not computed	979	923	695	186	32	10	56	46	10	-	-
	88	72	44	18	5	5	16	16	-	-	-
HEATING EQUIPMENT											
Steam or hot water	21	21	10	5	6	-	-	-	-	-	-
Warm-air furnace	1 263	1 246	448	605	164	29	17	-	17	-	-
Built-in electric units	73	73	34	33	6	-	-	-	-	-	-
Floor, wall, or pipeless furnace	2 513	2 504	1 329	878	245	52	9	5	4	-	-
Other means	2 833	2 288	1 460	582	172	74	545	362	103	42	38
None	6	-	-	-	-	-	6	-	6	-	-
Renter occupied housing units	4 859	4 532	1 794	1 964	641	133	327	163	118	40	6
PERSONS											
1 person	1 246	1 098	1 077	21	-	-	148	100	48	-	-
2 persons	957	861	609	239	-	13	96	59	37	-	-
3 persons	808	780	96	679	5	-	28	4	24	-	-
4 persons	701	675	12	583	80	-	26	-	9	17	-
5 persons	415	409	-	315	84	10	6	-	-	6	-
6 persons or more	732	709	-	127	472	110	23	-	-	17	6
Median	2.8	2.9	1.3	3.6	6.6	7.3	1.7	1.3	1.8	...	...
Units with roomers, boarders, or lodgers	112	107	39	47	16	5	5	-	5	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	726	726	206	378	122	20	-	-	-	-	-
1965 to 1968	443	437	71	268	91	7	6	-	-	6	-
1960 to 1964	160	139	62	42	28	7	21	14	-	7	-
1950 to 1959	594	579	193	272	110	4	15	-	7	-	8
1940 to 1949	1 143	1 050	467	408	131	44	93	66	20	7	-
1939 or earlier	1 769	1 572	815	499	203	55	197	93	82	22	-
INCOME IN 1969											
Less than \$2,000	1 853	1 669	904	621	114	30	184	109	62	13	-
\$2,000 to \$2,999	894	839	304	334	182	19	55	28	16	11	-
\$3,000 to \$3,999	548	528	172	231	103	22	20	9	11	-	-
\$4,000 to \$4,999	333	321	99	140	78	4	12	7	-	5	-
\$5,000 to \$5,999	326	310	82	180	34	14	16	6	5	5	-
\$6,000 to \$6,999	267	261	53	160	30	18	6	-	-	-	6
\$7,000 to \$9,999	453	429	133	192	86	18	24	-	24	-	-
\$10,000 to \$14,999	165	155	36	101	10	8	10	4	-	6	-
\$15,000 to \$24,999	9	9	5	-	4	-	-	-	-	-	-
\$25,000 or more	11	11	6	5	-	-	-	-	-	-	-
Median	\$2 600	\$2 700	\$2 000	\$3 100	\$3 200	\$3 800	\$2000-	\$2000-	\$2000-	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²											
Less than 10 percent	4 722	4 416	1 766	1 907	615	128	306	158	113	29	4
10 to 14 percent	257	222	68	105	41	8	35	4	25	-	6
15 to 19 percent	426	410	126	225	37	22	16	6	10	-	-
20 to 24 percent	557	539	159	250	112	18	18	13	5	-	-
25 to 34 percent	585	564	179	293	69	23	21	16	5	-	-
35 percent or more	715	667	223	282	158	4	48	26	11	11	-
Not computed	1 858	1 743	878	645	180	40	115	65	43	7	-
	324	271	133	107	18	13	53	28	14	11	-
HEATING EQUIPMENT											
Steam or hot water	67	67	54	3	10	-	-	-	-	-	-
Warm-air furnace	1 238	1 238	248	719	239	32	-	-	-	-	-
Built-in electric units	148	148	45	92	23	8	-	-	-	-	-
Floor, wall, or pipeless furnace	899	893	369	397	115	12	6	6	-	-	-
Other means	2 473	2 156	1 068	753	254	81	317	153	118	40	6
None	14	10	10	-	-	-	4	4	-	-	-

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

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

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

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	6 709	5	63	295	1 278	2 441	1 643	603	181	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	6 071	—	55	166	1 055	2 484	1 543	567	201	5.2
PERSONS										
1 person	1 297	5	37	176	462	397	157	58	5	4.4
2 persons	1 992	—	5	68	396	939	409	139	36	5.1
3 persons	1 024	—	5	10	192	431	310	66	10	5.2
4 persons	757	—	10	18	94	287	221	90	37	5.4
5 persons	577	—	6	13	47	237	168	83	23	5.4
6 persons or more	1 062	—	—	10	87	350	378	167	70	5.7
Median	2.6	...	...	1.3	1.9	2.5	3.3	3.9	4.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	6 132	—	38	192	1 071	2 498	1 583	579	171	5.2
0.50 or less	3 281	—	17	111	725	1 235	853	248	92	5.1
0.51 to 1.00	2 103	—	—	45	248	922	512	316	60	5.3
1.01 to 1.50	593	—	5	18	76	250	210	15	19	5.3
1.51 or more	155	—	16	18	22	91	8	—	—	4.7
Lacking some or all plumbing facilities	577	5	25	103	207	143	60	24	10	4.3
0.50 or less	367	—	20	65	133	101	23	15	10	4.2
0.51 to 1.00	130	5	5	33	38	33	7	9	—	4.1
1.01 to 1.50	42	—	—	—	17	—	25	—	—	...
1.51 or more	38	—	—	5	19	9	5	—	—	...
BEDROOMS										
None and 1	670	26	44	293	164	119	24	—	—	3.4
2	3 027	—	—	32	989	1 331	495	137	43	4.9
3	3 003	—	—	—	68	1 237	1 246	428	24	5.7
4 or more	262	—	—	—	—	—	53	123	86	...
YEAR STRUCTURE BUILT										
1969 to March 1970	34	—	—	—	—	10	10	14	—	...
1960 to 1968	679	—	6	20	75	300	176	65	37	5.3
1950 to 1959	1 976	—	10	43	305	918	499	157	44	5.2
1949 or earlier	4 020	5	47	232	898	1 413	958	367	100	5.1
COMPLETE BATHROOMS										
1 and 1 1/2	5 840	—	55	178	1 071	2 488	1 457	499	92	5.1
2 or more	320	—	—	—	20	31	86	74	109	6.8
None or also used by another household	613	—	23	113	208	162	77	24	6	4.3
VALUE-INCOME RATIO										
Specified owner occupied¹	6 258	5	54	255	1 155	2 525	1 559	543	162	5.1
Less than 1.5	2 753	—	15	59	490	1 062	766	282	79	5.3
1.5 to 1.9	947	5	9	42	134	404	228	87	38	5.2
2.0 to 2.9	978	—	10	50	156	390	285	67	20	5.2
3.0 or more	1 492	—	20	84	361	615	280	107	25	5.0
Not computed	88	—	—	20	14	54	—	—	—	...
Renter occupied housing units	4 859	82	133	1 079	1 505	1 317	578	87	78	4.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 382	15	76	942	1 397	1 237	575	92	48	4.3
PERSONS										
1 person	1 246	69	106	563	293	170	41	—	4	3.3
2 persons	957	13	22	254	411	187	60	—	10	4.0
3 persons	808	—	5	149	346	208	81	15	4	4.2
4 persons	701	—	—	97	300	220	59	13	12	4.3
5 persons	415	—	—	10	90	251	45	10	9	4.9
6 persons or more	732	—	—	6	65	281	292	49	39	5.5
Median	2.8	...	1.1	1.5	2.6	3.9	5.5	...	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	4 532	34	94	971	1 409	1 290	569	87	78	4.3
0.50 or less	1 794	—	72	518	642	339	178	15	30	4.0
0.51 to 1.00	1 964	21	17	357	631	675	170	51	42	4.4
1.01 to 1.50	641	—	5	80	84	267	196	9	—	5.1
1.51 or more	133	13	—	16	52	9	25	12	6	4.2
Lacking some or all plumbing facilities	327	48	39	108	96	27	9	—	—	3.2
0.50 or less	163	—	34	45	62	18	4	—	—	3.5
0.51 to 1.00	118	48	5	46	15	4	—	—	—	2.6
1.01 to 1.50	40	—	—	17	13	5	—	—	—	...
1.51 or more	6	—	—	—	6	—	—	—	—	...
BEDROOMS										
None	81	62	—	19	—	—	—	—	—	...
1	1 306	—	96	840	328	42	—	—	—	3.2
2	2 101	—	—	203	1 084	690	101	23	—	4.3
3 or more	1 386	—	—	—	17	630	492	85	162	5.6
YEAR STRUCTURE BUILT										
1969 to March 1970	744	—	—	113	324	209	79	13	—	4.3
1960 to 1968	621	—	12	85	213	224	68	11	8	4.5
1950 to 1959	604	—	11	112	193	196	82	10	—	4.4
1949 or earlier	2 890	82	104	769	775	688	349	53	70	4.1
COMPLETE BATHROOMS										
1 and 1 1/2	4 394	20	94	956	1 413	1 232	570	82	27	4.3
2 or more	67	—	—	7	4	5	20	10	21	...
None or also used by another household	374	61	47	122	98	40	6	—	—	3.1
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	4 722	82	128	1 059	1 451	1 299	549	82	72	4.3
Less than 10 percent	257	15	11	39	100	39	44	9	—	4.1
10 to 14 percent	426	12	7	80	160	101	42	12	12	4.2
15 to 19 percent	557	—	7	111	210	169	32	15	13	4.3
20 to 24 percent	585	—	9	111	185	164	95	5	16	4.4
25 to 34 percent	715	6	22	169	207	196	88	24	3	4.3
35 percent or more	1 858	28	54	459	523	534	219	17	24	4.2
Not computed	324	21	18	90	66	96	29	—	4	4.0

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

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

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	6 709	6 534	143	32	4 859	2 996	437	563	386	145	323	9
ROOMS												
1 room	5	5	-	-	82	24	4	8	15	22	9	-
2 rooms	63	59	4	-	133	51	10	29	16	21	6	-
3 rooms	295	264	21	10	1 079	542	214	156	58	26	83	-
4 rooms	1 278	1 207	71	-	1 505	871	122	232	151	31	93	5
5 rooms	2 641	2 616	25	-	1 317	920	68	84	111	29	105	-
6 rooms	1 643	1 613	8	22	578	455	15	49	31	16	12	-
7 rooms	603	597	6	-	87	63	4	5	-	-	11	4
8 rooms or more	181	173	8	-	78	70	-	-	4	-	4	-
Median	5.1	5.2	4.2	...	4.3	4.5	3.5	3.9	4.2	3.6	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	6 132	5 990	120	22	4 532	2 766	396	550	360	128	323	9
0.50 or less	3 281	3 184	85	12	1 794	1 115	215	206	104	67	82	5
0.51 to 1.00	2 103	2 068	30	5	1 964	1 152	136	258	210	41	167	-
1.01 to 1.50	593	583	5	5	641	416	41	68	39	15	62	-
1.51 or more	155	155	-	-	133	83	4	18	7	5	12	4
Lacking some or all plumbing facilities	577	544	23	10	327	230	41	13	26	17	-	-
0.50 or less	367	351	16	-	163	127	20	5	11	-	-	-
0.51 to 1.00	130	118	7	5	118	57	21	8	15	17	-	-
1.01 to 1.50	42	37	-	5	40	40	-	-	-	-	-	-
1.51 or more	38	38	-	-	6	6	-	-	-	-	-	-
BEDROOMS												
None	26	26	-	-	81	19	-	-	-	39	23	-
1	644	557	87	-	1 306	754	229	107	-	106	110	-
2	3 027	3 010	17	-	2 101	1 386	135	282	123	34	122	19
3	3 003	3 003	-	-	1 082	698	28	139	126	42	49	-
4 or more	262	262	-	-	304	158	22	-	24	27	48	25
YEAR STRUCTURE BUILT												
1969 to March 1970	34	34	-	-	744	116	18	270	197	56	87	-
1965 to 1968	187	173	14	-	435	73	6	71	99	28	154	4
1960 to 1964	492	476	-	16	186	114	12	29	11	5	10	5
1950 to 1959	1 976	1 938	27	11	604	473	46	43	9	23	10	-
1940 to 1949	1 902	1 866	31	5	1 080	831	111	66	27	-	45	-
1939 or earlier	2 118	2 047	71	-	1 810	1 389	244	84	43	33	17	-
INCOME IN 1969												
Less than \$2,000	1 445	1 403	37	5	1 853	1 109	159	238	127	71	144	5
\$2,000 to \$2,999	772	720	41	11	894	544	97	92	86	14	61	-
\$3,000 to \$3,999	624	605	19	-	548	302	43	97	64	30	12	-
\$4,000 to \$4,999	586	581	5	-	333	226	44	32	4	-	27	-
\$5,000 to \$5,999	581	576	-	5	326	215	25	37	13	11	25	-
\$6,000 to \$6,999	454	439	15	-	267	196	9	23	14	4	21	-
\$7,000 to \$9,999	1 088	1 064	19	5	453	287	54	31	42	15	20	4
\$10,000 to \$14,999	858	845	7	6	165	108	-	13	31	-	13	-
\$15,000 to \$24,999	274	274	-	-	9	4	-	-	5	-	-	-
\$25,000 or more	27	27	-	-	11	5	6	-	-	-	-	-
Median	\$4 900	\$4 900	\$2 800	...	\$2 600	\$2 700	\$2 600	\$2 500	\$2 800	\$2 100	\$2 300	...
YEAR MOVED INTO UNIT												
1969 to March 1970	698	677	14	7	2 653	1 231	265	441	411	81	224	-
1968	515	497	12	6	610	437	41	45	-	22	65	-
1967	376	351	25	-	393	330	23	18	15	-	7	-
1965 and 1966	720	695	17	8	279	238	21	13	-	7	-	-
1960 to 1964	1 375	1 352	23	-	406	319	63	8	6	10	-	-
1950 to 1959	1 659	1 612	24	23	311	240	31	29	-	-	11	-
1949 or earlier	1 430	1 397	33	-	183	153	19	-	-	7	4	-
GROSS RENT												
Specified renter occupied ¹ .....	...	...	...	...	4 722	2 859	437	563	386	145	323	9
Less than \$50 .....	...	...	...	...	798	382	47	197	73	51	48	-
\$50 to \$59 .....	...	...	...	...	740	321	95	105	113	24	82	-
\$60 to \$69 .....	...	...	...	...	987	504	109	141	109	34	90	-
\$70 to \$79 .....	...	...	...	...	569	395	73	42	26	3	26	4
\$80 to \$99 .....	...	...	...	...	854	665	99	46	11	-	28	5
\$100 to \$119 .....	...	...	...	...	343	258	-	21	31	13	20	-
\$120 to \$149 .....	...	...	...	...	208	158	6	5	13	11	15	-
\$150 to \$199 .....	...	...	...	...	48	33	-	6	5	4	-	-
\$200 to \$299 .....	...	...	...	...	25	15	-	-	5	-	5	-
\$300 or more .....	...	...	...	...	5	5	-	-	-	-	-	-
No cash rent .....	...	...	...	...	145	123	8	-	-	5	9	-
Median .....	...	...	...	...	\$68	\$74	\$67	\$58	\$61	\$58	\$63	...
HEATING EQUIPMENT												
Steam or hot water	21	21	-	-	67	23	15	11	-	13	5	-
Warm-air furnace	1 263	1 233	14	16	1 238	347	22	339	270	62	194	4
Built-in electric units	73	67	6	-	168	65	4	8	35	9	47	-
Floor, wall, or pipeless furnace	2 513	2 466	47	-	899	625	128	54	21	30	41	-
Other means	2 833	2 741	76	16	2 473	1 922	268	151	60	31	36	5
None	6	6	-	-	14	14	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	2 853	2 820	33	-	733	485	78	59	21	42	48	-
Central system	338	326	12	-	239	76	-	45	44	11	63	-
None	3 582	3 435	103	44	3 863	2 387	385	450	367	74	200	-
AUTOMOBILES AVAILABLE												
1	3 310	3 211	71	28	2 061	1 263	181	237	175	53	152	-
2	1 572	1 551	15	6	388	258	36	19	54	6	15	-
3 or more	229	229	-	-	11	7	-	-	-	-	4	-
None	1 662	1 590	62	10	2 375	1 420	246	298	203	68	140	-

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

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

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

The SMSA

	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	6 709	178	727	874	1 365	794	135	82	933	304	636	611
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	6 132	174	723	853	1 277	717	115	68	878	241	562	534
0.50 or less	3 281	49	127	168	672	555	56	54	340	174	562	524
0.51 to 1.00	2 103	111	467	387	474	146	30	14	407	67	—	—
1.01 to 1.50	593	14	110	244	108	16	11	—	90	—	—	—
1.51 or more	155	—	19	54	23	—	—	—	41	—	—	—
Lacking some or all plumbing facilities	577	4	4	21	88	77	20	14	75	43	74	137
0.50 or less	367	—	—	—	38	69	5	—	19	30	69	137
0.51 to 1.00	130	4	4	5	15	8	10	14	40	25	5	—
1.01 to 1.50	42	—	—	16	16	—	5	—	5	—	—	—
1.51 or more	38	—	—	—	19	—	—	—	11	8	—	—
UNITS IN STRUCTURE												
1	6 534	172	711	869	1 360	784	131	75	918	294	616	604
2 or more	143	—	16	—	—	4	4	7	25	10	20	57
Mobile home or trailer	32	6	—	5	5	6	—	—	10	—	—	—
INCOME IN 1969												
Less than \$2,000	1 445	10	16	26	37	148	24	17	258	95	299	515
\$2,000 to \$2,999	772	6	3	19	47	205	18	23	184	70	90	107
\$3,000 to \$3,999	624	18	22	29	123	140	4	9	154	40	70	15
\$4,000 to \$4,999	586	9	38	76	127	105	23	23	107	25	41	10
\$5,000 to \$5,999	581	23	69	147	144	56	13	4	75	10	36	4
\$6,000 to \$6,999	454	41	64	58	142	39	5	—	49	27	24	5
\$7,000 to \$9,999	1 088	39	272	246	304	23	33	—	80	15	76	4
\$10,000 to \$14,999	858	28	209	209	271	49	13	6	46	22	—	5
\$15,000 to \$24,999	274	4	34	55	152	29	—	—	—	—	—	—
\$25,000 or more	27	—	—	9	18	—	—	—	—	—	—	—
Median	\$4 900	\$6 600	\$8 700	\$8 000	\$7 600	\$3 300	\$4 900	...	\$3 200	\$2 800	\$2 200	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	6 258	160	702	855	1 286	722	121	75	886	264	665	583
Less than 1.5	2 753	79	478	525	859	226	69	25	266	101	112	13
1.5 to 1.9	947	27	147	181	155	155	10	8	128	24	93	19
2.0 to 2.4	566	23	28	74	121	82	10	9	95	27	52	45
2.5 to 2.9	412	—	23	15	41	57	11	5	79	34	40	107
3.0 to 3.9	513	20	15	26	61	76	5	—	105	27	66	112
4.0 or more	979	11	6	25	44	126	16	28	207	43	216	257
Not computed	88	—	5	9	5	—	—	—	6	8	26	29
Renter occupied housing units	4 859	343	374	222	322	206	145	19	1 888	94	839	487
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	4 532	327	358	218	277	160	131	14	1 861	88	749	349
0.50 or less	1 794	65	25	27	114	99	75	9	269	34	728	349
0.51 to 1.00	1 964	208	231	102	108	52	35	5	1 157	45	21	—
1.01 to 1.50	641	49	86	69	49	5	12	—	362	9	—	—
1.51 or more	133	5	16	20	6	4	9	—	73	—	—	—
Lacking some or all plumbing facilities	327	16	16	4	45	46	14	5	27	6	90	58
0.50 or less	163	—	—	—	24	24	9	—	6	—	56	44
0.51 to 1.00	118	10	10	4	10	16	—	5	9	6	34	14
1.01 to 1.50	40	6	—	—	11	6	—	—	12	—	—	—
1.51 or more	6	—	6	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	2 996	148	257	193	289	180	80	19	1 078	66	407	279
2 to 4	1 000	109	53	20	28	26	29	—	382	11	267	75
5 to 19	531	58	55	9	—	—	29	—	244	5	110	21
20 or more	323	28	9	—	—	—	7	—	180	12	55	32
Mobile home or trailer	9	—	—	—	5	—	—	—	4	—	—	—
GROSS RENT												
Specified renter occupied ²	4 722	343	374	206	307	182	145	19	1 826	94	830	396
Less than \$50	798	24	16	16	31	43	19	5	243	16	244	141
\$50 to \$59	740	71	52	14	46	11	33	—	273	23	141	76
\$60 to \$69	987	32	54	27	46	44	9	5	523	39	140	68
\$70 to \$79	569	33	31	15	37	36	5	9	244	39	117	31
\$80 to \$99	854	97	93	81	72	24	47	—	339	5	70	26
\$100 to \$119	343	53	49	23	39	4	18	—	112	—	43	6
\$120 to \$149	208	22	59	19	4	5	5	—	46	—	38	10
\$150 to \$199	48	6	11	6	5	—	—	—	16	—	4	—
\$200 to \$299	5	—	4	—	—	—	—	—	5	—	10	6
\$300 or more	—	5	—	—	—	—	—	—	—	—	—	—
No cash rent	145	—	5	5	27	19	9	—	25	—	23	32
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	4 722	343	374	206	307	182	145	19	1 826	94	830	396
Less than \$5,000	3 522	188	108	73	140	160	68	19	1 571	84	715	396
Less than 20 percent	323	9	34	4	24	13	19	5	107	9	93	6
20 to 24 percent	410	51	15	20	24	56	—	—	184	6	45	9
25 to 34 percent	673	36	25	28	48	23	16	—	347	—	104	46
35 percent or more	1 844	92	34	21	39	53	24	14	826	63	402	276
Not computed	272	—	—	—	5	15	9	—	107	6	71	59
\$5,000 to \$9,999	1 023	128	229	111	137	22	45	—	231	10	110	—
Less than 20 percent	746	88	156	91	102	13	35	—	173	10	78	—
20 to 24 percent	175	24	50	15	9	5	10	—	46	—	16	—
25 to 34 percent	42	11	14	—	5	—	—	—	6	—	6	—
35 percent or more	14	5	4	—	—	—	—	—	—	—	5	—
Not computed	46	—	5	5	21	4	—	—	—	—	—	—
\$10,000 to \$14,999	157	22	32	22	26	—	—	—	6	—	5	—
Less than 20 percent	151	22	32	22	20	—	—	—	24	—	5	—
20 to 24 percent	—	—	—	—	—	—	—	—	24	—	5	—
25 percent or more	6	—	—	—	—	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—	—
\$15,000 or more	20	5	5	—	6	—	—	—	—	—	—	—
Less than 20 percent	20	5	5	—	4	—	—	—	—	—	—	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Table A—18. Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	6 709	1 297	1 992	1 024	757	577	423	403	236	2.6
BEDROOMS										
None and 1	670	459	133	36	18	—	24	—	—	1.2
2	3 027	699	1 328	434	243	218	74	31	—	2.1
3	3 003	141	770	398	455	376	356	343	164	3.9
4 or more	262	—	19	42	77	—	24	100	—	...
YEAR STRUCTURE BUILT										
1969 to March 1970	34	—	10	5	5	5	4	5	—	...
1965 to 1968	187	17	40	51	40	14	5	20	—	3.2
1960 to 1964	492	41	135	91	57	56	50	38	24	3.3
1950 to 1959	1 976	239	430	349	272	234	201	135	116	3.4
1940 to 1949	1 902	398	581	305	203	206	75	89	45	2.5
1939 or earlier	2 118	602	796	223	180	62	88	116	51	2.1
UNITS IN STRUCTURE										
1	6 534	1 220	1 956	999	746	564	420	393	236	2.6
2 or more	143	77	20	19	11	13	3	—	—	1.4
Mobile home or trailer	32	—	16	6	—	—	—	10	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	5 840	1 103	1 661	946	704	497	373	353	203	2.7
2 and 2 1/2	274	14	50	38	26	70	24	10	42	4.6
3 or more	46	6	14	13	—	13	—	—	—	...
None or also used by another household	613	200	201	53	52	20	18	44	25	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	5 412	...	1 992	1 024	757	577	423	403	236	3.2
Male head, wife present, no nonrelatives	3 938	...	1 390	696	553	448	371	284	196	3.3
Under 25 years	178	...	24	56	40	21	4	9	4	3.7
25 to 34 years	727	...	30	144	186	121	122	44	30	4.3
35 to 44 years	874	...	135	99	147	122	143	119	109	5.0
45 to 64 years	1 365	...	578	262	124	155	102	95	49	2.9
65 years and over	794	...	573	135	36	28	—	17	4	2.2
Other male head	217	...	91	52	34	5	4	18	13	2.8
Under 65 years	135	...	61	14	20	—	—	18	13	3.0
65 years and over	82	...	30	38	14	—	—	—	—	...
Female head	1 257	...	511	276	170	124	48	101	27	2.9
Under 65 years	953	...	325	210	137	118	43	93	27	3.2
65 years and over	304	...	186	66	33	6	5	8	—	2.3
One-person households	1 297	1 297	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied¹	6 258	1 187	1 837	955	733	559	401	359	227	2.6
Less than 1.5	2 753	125	713	568	435	344	248	199	121	3.4
1.5 to 1.9	947	112	327	146	129	67	57	66	43	2.7
2.0 to 2.4	566	97	196	59	71	48	29	38	28	2.4
2.5 to 2.9	412	147	129	38	21	28	20	14	15	2.0
3.0 to 3.9	513	178	213	46	10	30	26	5	5	1.9
4.0 or more	979	473	254	98	55	36	16	37	10	1.6
Not computed	88	55	5	—	12	6	5	—	5	...
Renter occupied housing units	4 859	1 246	957	808	701	415	240	365	127	2.8
BEDROOMS										
None	81	43	38	—	—	—	—	—	—	...
1	1 306	649	323	246	88	—	—	—	—	1.5
2	2 101	592	310	435	479	240	—	45	—	2.8
3 or more	1 366	40	45	198	146	235	324	275	123	5.6
YEAR STRUCTURE BUILT										
1969 to March 1970	744	89	120	151	183	62	25	66	48	3.6
1965 to 1968	435	34	81	66	73	60	31	47	23	4.0
1960 to 1964	186	55	28	22	13	27	31	5	5	3.0
1950 to 1959	604	98	98	145	106	55	24	70	8	3.2
1940 to 1949	1 080	344	192	186	126	102	56	65	9	2.5
1939 or earlier	1 810	626	438	238	200	89	73	112	34	2.1
UNITS IN STRUCTURE										
1	2 996	686	603	483	446	259	183	264	72	2.9
2	437	163	118	94	27	6	5	11	13	2.0
3 and 4	563	179	82	108	99	31	15	27	22	2.7
5 to 9	386	68	87	61	52	77	17	20	4	3.1
10 to 19	145	63	31	18	11	—	—	10	—	1.8
20 or more	323	87	31	44	65	31	20	33	12	3.5
Mobile home or trailer	9	—	5	—	—	—	—	—	4	...
COMPLETE BATHROOMS										
1 and 1 1/2	4 394	1 040	932	747	618	354	216	361	126	2.8
2 or more	67	—	5	13	12	—	—	15	22	...
None or also used by another household	374	170	105	35	21	16	13	14	—	1.7
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 613	...	957	808	701	415	240	365	127	3.6
Male head, wife present, no nonrelatives	1 467	...	460	350	219	168	63	145	62	3.3
Under 25 years	343	...	88	128	65	46	5	6	5	3.2
25 to 34 years	374	...	20	113	68	70	22	61	20	4.3
35 to 44 years	222	...	45	36	23	33	13	54	15	4.6
45 to 64 years	322	...	148	52	43	14	23	24	18	2.8
65 years and over	206	...	159	21	17	5	—	—	4	2.1
Other male head	164	...	103	38	19	—	—	4	—	2.3
Under 65 years	145	...	89	33	19	—	—	4	—	2.3
65 years and over	19	...	14	5	—	—	—	—	—	...
Female head	1 982	...	394	420	463	247	177	216	65	3.9
Under 65 years	1 888	...	333	415	449	233	177	216	65	3.9
65 years and over	94	...	61	5	14	—	—	—	—	...
One-person households	1 246	1 246	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	4 722	1 226	939	795	663	406	234	332	127	2.7
Less than 10 percent	257	31	77	31	34	28	14	20	22	3.2
10 to 14 percent	426	70	68	119	52	48	33	23	13	3.1
15 to 19 percent	557	81	107	95	132	44	26	59	13	3.5
20 to 24 percent	585	70	141	148	90	55	20	41	20	3.1
25 to 34 percent	715	156	118	135	81	85	45	86	9	3.1
35 percent or more	1 858	683	360	236	221	133	85	99	41	2.2
Not computed	324	135	68	31	53	13	11	9	9	1.9

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

Table 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]

Tulsa		Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹		37 515	1 977	2 273	3 426	3 161	5 806	4 888	6 046	6 009	2 053	477	1 405	106
ROOMS														
1 room		1 325	332	134	290	148	115	84	111	15	5	6	85	65
2 rooms		2 599	375	465	373	198	294	247	402	177		18	50	73
3 rooms		9 411	751	763	1 326	921	1 306	865	2 036	1 302	104	27	177	94
4 rooms		11 271	324	712	879	1 043	2 173	1 596	1 231	2 140	759	81	333	104
5 rooms		8 058	134	150	551	594	1 344	1 411	1 370	1 384	622	143	355	115
6 rooms		3 611	46	46	129	203	464	523	725	755	372	113	235	131
7 rooms		866	15	3	20	36	85	118	141	190	113	44	101	142
8 rooms or more		374			25	18	19	44	30	46	78	45	69	168
Median		4.0	2.9	3.2	3.4	3.8	4.0	4.3	3.9	4.2	4.8	5.2	4.7	...
PERSONS														
1 person		11 797	1 283	1 203	1 408	1 149	1 707	1 271	1 515	1 293	284	119	565	85
2 persons		11 308	410	522	850	897	1 822	1 350	2 092	2 086	681	207	391	114
3 persons		6 152	111	174	500	475	956	950	1 051	1 146	454	60	175	114
4 persons		4 031	107	156	244	338	584	601	617	816	367	31	170	117
5 persons		2 160	36	54	169	135	298	348	414	400	186	34	86	120
6 persons or more		2 067	30	64	255	167	433	368	357	268	81	26	18	104
Median		2.1	1.3	1.4	1.9	2.0	2.2	2.4	2.2	2.3	2.6	2.1	1.9	...
Units with roomers, boarders, or lodgers		852	19	28	52	50	118	108	133	242	69	10	23	129
PLUMBING FACILITIES BY PERSONS PER ROOM														
With all plumbing facilities														
0.50 or less		18 282	914	1 260	1 525	1 550	2 928	2 301	2 557	2 961	1 074	335	877	105
0.51 to 1.00		15 757	593	662	1 367	1 337	2 253	2 164	3 140	2 791	902	127	421	113
1.01 to 1.50		2 014	38	133	304	159	454	344	295	199	60	6	22	96
1.51 or more		486	34	41	71	77	105	47	49	31	1	9	22	82
Lacking some or all plumbing facilities														
0.50 or less		976	398	177	159	38	60	32	5	27	17		43	53
0.51 to 1.00		502	191	116	62	23	34	24	5	6	6		36	54
1.01 to 1.50		394	193	43	70	10	26	8		22	11		11	50
1.51 or more		36	5	5	10	5							16	...
		44	14	13	17									...
BEDROOMS														
None		1 784	309	128	366	233	235	148	192	128			45	73
1		14 326	1 163	1 412	1 488	1 497	2 479	1 426	2 561	1 752	125	85	338	89
2		13 902	419	690	770	1 061	2 365	2 629	1 728	2 416	1 241	186	397	111
3 or more		7 678	156	47	385	482	631	1 030	1 566	1 613	918	248	602	135
YEAR STRUCTURE BUILT														
1969 to March 1970		2 847	395	278	272	42	33	146	512	784	333	31	21	134
1965 to 1968		5 906	73	79	186	82	210	438	1 634	2 090	800	193	121	155
1960 to 1964		3 886	16	15	57	105	250	588	943	1 261	364	168	119	147
1950 to 1959		6 283	113	154	272	301	977	1 228	1 401	1 171	361	58	247	120
1940 to 1949		6 053	244	389	631	767	1 426	1 069	815	344	92	16	260	91
1939 or earlier		12 540	1 136	1 358	2 008	1 864	2 904	1 419	741	359	103	11	637	78
ELEVATOR IN STRUCTURE														
4 floors or more		1 619	194	122	196	109	239	106	133	145	178	187		93
With elevator		1 331	194	66	109	65	174	106	107	145	178	187		111
Walk-up		288		66	87	44	65		26					...
1 to 3 floors		36 071	1 853	2 145	2 813	3 164	5 471	5 127	5 914	5 764	2 106	332	1 382	107
COMPLETE BATHROOMS														
1 and 1/2		33 919	1 432	1 985	3 294	3 030	5 731	4 651	5 954	5 656	987	112	1 087	104
2 or more		2 214	7		49	11	51	54	75	435	991	328	213	232
None or also used by another household		1 364	500	277	206	77	76	41	25	24	28	16	94	55
INCOME IN 1969														
Less than \$2,000		6 517	982	959	1 077	692	979	531	497	362	83		355	71
\$2,000 to \$2,999		3 184	312	326	521	387	612	334	242	239	48	5	158	79
\$3,000 to \$3,999		3 268	205	298	452	399	661	394	420	258	62	5	114	86
\$4,000 to \$4,999		3 336	165	202	369	412	641	613	438	340	64	22	70	95
\$5,000 to \$5,999		2 999	71	121	327	287	675	442	545	342	87	5	97	99
\$6,000 to \$6,999		3 063	62	79	202	229	580	531	624	561	114	16	65	113
\$7,000 to \$9,999		7 156	139	195	317	502	1 133	1 237	1 696	1 407	288	13	229	119
\$10,000 to \$14,999		5 435	26	75	142	220	443	625	1 290	1 751	618	45	180	146
\$15,000 to \$24,999		2 022	15	15	28	28	65	145	264	667	544	148	121	181
\$25,000 or more		535	3	3	9	5	11	36	30	82	145	198	16	258
Median		\$5 800	\$2 000	\$2 500	\$3 300	\$4 200	\$5 000	\$6 200	\$7 500	\$8 900	\$12 300	\$22 300	\$5 100	...
YEAR MOVED INTO UNIT														
1969 to March 1970		22 313	889	1 217	1 896	1 486	3 269	2 886	4 309	4 368	1 365	229	399	115
1968		4 943	173	229	420	407	799	673	882	860	280	98	122	111
1967		2 476	141	131	277	279	421	294	321	314	143	39	116	95
1965 and 1966		2 861	188	258	248	320	494	401	227	366	126	53	180	94
1960 to 1964		2 600	245	216	316	295	503	365	224	157	57	25	197	84
1950 to 1959		1 584	161	171	297	251	268	108	77	50	27	12	162	73
1949 or earlier		720	142	40	95	80	104	19	14		8		218	67
GROSS RENT AS PERCENTAGE OF INCOME														
Less than 10 percent		2 221	286	295	308	309	343	229	146	173	83	49	...	77
10 to 14 percent		5 723	254	293	547	626	1 102	835	935	778	249	104	...	101
15 to 19 percent		7 077	223	274	536	448	1 117	1 118	1 445	1 346	486	84	...	117
20 to 24 percent		4 945	200	217	362	395	687	901	991	1 008	374	66	...	119
25 to 34 percent		5 806	308	266	465	409	854	1 075	1 128	1 228	331	69	...	113
35 percent or more		9 624	616	812	1 125	916	1 545	1 130	1 365	1 499	511	105	...	97
Not computed		2 119	90	116	83	58	105	77	89	77	19		1 405	82
AIR CONDITIONING														
Room unit(s)		13 673	345	490	942	1 188	2 506	2 722	2 782	1 648	403	36	611	108
Central system		9 416	85	25	55	37	180	478	2 269	4 055	1 547	400	285	168
None		14 408	1 509	1 747	2 552	1 893	3 172	1 546	1 003	412	56	20	498	76

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

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

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

Tulsa	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	74 785	5 406	3 243	3 187	3 135	3 331	3 880	15 035	20 128	13 155	4 285	10 000
ROOMS												
1 and 2 rooms	325	50	55	40	11	54	23	46	25	21	-	5 100
3 rooms	1 280	464	156	126	97	67	187	61	21	5	-	3 200
4 rooms	8 802	1 363	773	592	650	678	738	2 162	1 439	349	58	6 500
5 rooms	24 568	1 905	1 217	1 286	1 247	1 297	1 528	6 200	6 886	2 484	318	8 800
6 rooms	24 478	1 126	802	852	814	853	1 098	4 632	8 130	5 074	1 097	11 300
7 rooms or more	15 332	498	240	291	316	382	397	1 806	3 587	5 006	2 807	15 300
PERSONS												
1 person	9 581	3 276	1 247	1 030	844	623	599	1 233	426	185	98	3 200
2 persons	23 729	1 281	1 320	1 408	1 340	1 349	1 643	4 941	5 553	3 472	1 422	9 100
3 and 4 persons	28 183	629	465	489	672	859	1 292	6 093	9 605	6 266	1 813	11 900
5 persons	7 715	143	80	98	129	210	248	1 594	2 833	1 882	498	12 400
6 persons or more	5 577	77	111	162	150	290	98	1 174	1 711	1 350	454	12 100
Units with roomers, boarders, or lodgers	765	176	99	98	44	41	34	101	101	60	11	4 200
BEDROOMS												
Less than 3	25 716	3 139	2 062	1 611	2 350	1 816	2 232	5 473	4 881	1 705	447	6 800
3	41 862	1 704	1 066	1 030	1 110	1 253	1 901	8 890	13 873	8 835	2 200	11 400
4 or more	7 337	295	146	81	81	122	83	585	1 553	2 447	1 944	18 000
YEAR STRUCTURE BUILT												
1969 to March 1970	1 912	77	41	41	63	62	89	427	646	381	85	11 200
1960 to 1968	17 034	369	194	267	357	389	457	2 721	5 507	5 192	1 581	13 400
1950 to 1959	27 521	1 019	808	826	1 009	1 067	1 459	6 386	8 516	4 904	1 527	10 700
1949 or earlier	28 318	3 941	2 000	2 053	1 706	1 813	1 875	5 501	5 459	2 678	1 092	7 300
YEAR MOVED INTO UNIT												
1969 to March 1970	9 097	424	276	286	387	427	451	2 055	2 768	1 560	463	10 400
1968	7 044	282	138	191	180	320	343	1 714	2 065	1 466	345	10 900
1960 to 1967	30 604	1 378	889	1 076	858	1 235	1 363	6 389	9 078	6 461	1 877	11 200
1959 or earlier	28 031	3 444	1 958	1 819	1 528	1 410	1 616	4 882	6 173	3 675	1 526	8 400
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	58 966	2 419	1 593	1 328	2 027	2 224	3 046	11 878	18 082	11 999	4 370	11 400
Clothes dryer	45 588	1 415	812	765	992	1 236	2 103	8 518	14 923	10 683	4 141	12 300
Dishwasher	31 469	648	332	327	483	621	868	4 758	10 256	9 059	4 117	13 800
Home food freezer	22 117	1 161	411	544	779	661	968	3 993	6 420	5 021	2 159	12 000
Owned second home	3 843	112	138	89	66	134	222	1 004	545	1 004	676	13 600
With air conditioning	41 485	2 892	1 919	2 286	2 057	2 381	2 889	12 158	18 074	12 694	4 135	11 200
Room unit(s)	37 572	2 356	1 655	1 902	1 721	1 893	2 296	9 158	10 867	4 831	893	9 300
Central system	23 913	536	264	384	336	488	593	3 000	7 207	7 863	3 242	14 400
Automobiles available:												
1	30 201	2 640	2 015	2 206	1 997	2 270	2 320	7 242	6 521	2 515	475	7 700
2	32 883	537	352	488	607	753	1 239	6 681	11 380	8 241	2 605	12 500
3 or more	6 619	47	38	62	75	154	51	765	1 973	2 361	1 093	15 600
Renter occupied housing units	38 041	6 660	3 231	3 294	3 358	3 039	3 088	7 289	5 489	2 048	545	5 800
ROOMS												
1 room	1 325	421	137	172	101	86	100	166	94	43	5	3 600
2 rooms	2 620	738	292	298	332	195	191	333	175	66	-	3 900
3 rooms	9 482	2 158	918	1 000	1 001	758	802	1 482	931	345	87	4 700
4 rooms	11 430	1 974	851	1 075	986	1 043	1 072	2 074	1 628	598	129	5 800
5 rooms	8 213	906	745	436	704	635	704	2 053	1 512	454	152	7 100
6 rooms or more	4 971	463	288	313	234	322	307	1 181	1 149	542	172	8 400
PERSONS												
1 person	11 916	3 832	1 239	1 311	1 210	887	924	1 445	638	359	71	3 700
2 persons	11 436	1 939	1 014	1 035	862	943	2 206	2 206	1 977	730	323	6 500
3 and 4 persons	10 344	1 054	631	683	818	922	888	2 530	2 005	689	124	7 200
5 persons	2 191	196	152	113	150	225	139	594	492	168	22	7 600
6 persons or more	2 154	191	270	173	145	143	194	514	357	162	5	6 800
Units with roomers, boarders, or lodgers	862	256	103	66	143	44	63	122	43	12	10	4 000
BEDROOMS												
None	1 784	418	251	193	212	222	209	195	-	64	20	4 100
1	14 401	3 331	1 316	1 612	1 458	1 333	1 374	1 998	1 350	487	142	4 600
2	14 130	2 456	1 047	962	1 122	1 088	1 427	2 643	2 215	882	288	6 300
3 or more	7 847	571	636	437	317	681	465	1 847	1 871	809	213	8 300
YEAR STRUCTURE BUILT												
1969 to March 1970	2 901	657	256	275	185	164	247	472	409	201	35	5 500
1960 to 1968	9 869	1 005	572	692	765	672	871	1 946	1 966	1 013	367	7 600
1950 to 1959	6 346	629	382	386	415	474	600	1 692	1 260	424	84	7 500
1949 or earlier	18 925	4 369	2 021	1 941	1 993	1 729	1 370	3 179	1 854	410	59	4 600
YEAR MOVED INTO UNIT												
1969 to March 1970	22 549	3 551	1 888	1 926	2 030	1 903	1 857	4 577	3 542	1 031	244	6 000
1968	5 048	624	395	367	430	345	440	1 098	886	359	104	6 800
1960 to 1967	8 068	1 616	746	729	721	518	469	1 528	1 018	546	177	5 400
1959 or earlier	2 388	825	223	273	186	175	185	307	124	90	-	3 500
GROSS RENT AS PERCENTAGE OF INCOME												
<i>Specified renter occupied¹</i>	37 515	6 517	3 184	3 268	3 336	2 999	3 063	7 156	5 435	2 022	535	5 800
Less than 15 percent	7 944	-	23	44	260	379	550	2 298	2 580	1 336	474	10 800
15 to 19 percent	7 077	11	46	381	555	762	758	2 203	1 893	423	45	8 400
20 to 24 percent	4 945	27	270	555	664	604	623	1 501	602	99	-	6 600
25 to 34 percent	5 806	269	821	1 040	767	1 031	854	1 48	148	36	-	4 700
35 percent or more	9 624	5 141	1 866	1 134	756	390	213	85	32	7	-	2000-
Not computed	2 119	1 069	158	114	70	97	65	229	180	121	16	2 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	11 962	1 010	621	628	802	963	1 016	2 632	2 751	1 165	374	8 100
Clothes dryer	7 476	536	234	388	415	509	550	1 578	1 871	1 021	374	9 100
Dishwasher	9 946	768	370	610	510	796	1 026	1 665	2 258	1 526	417	8 600
Home food freezer	3 340	318	341	110	209	332	190	763	707	190	180	7 700
Owned second home	1 018	204	71	71	19	25	-	135	247	139	107	9 600
With air conditioning	23 388	2 724	1 390	1 687	1 868	1 725	1 970	5 131	4 565	1 825	503	7 200
Room unit(s)	13 852	1 997	1 149	1 301	1 180	1 176	1 176	3 088	2 344	557	112	6 300
Central system	9 536	727	442	538	567	794	545	2 043	2 221	1 268	391	8 700
Automobiles available:												
1	20 557	2 688	1 715	1 858	2 166	1 959	1 919	4 657	2 637	783	175	5 900
2	8 909	428	351	482	482	607	688	2 201	2 459	1 016	322	9 100
3 or more	974	52	45	19	43	55	89	241	262	147	21	9 300

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

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

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

Tulsa	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	74 785	74 035	41 836	29 257	2 541	401	750	543	170	20	17
PERSONS											
1 person	9 581	9 298	9 254	44	--	--	283	278	5	--	--
2 persons	23 729	23 481	22 986	479	--	16	248	208	40	--	--
3 persons	14 014	13 932	7 620	6 307	5	--	82	48	34	--	--
4 persons	14 169	14 095	1 464	12 583	28	20	74	--	62	8	4
5 persons	7 715	7 669	512	6 782	333	42	46	9	25	7	5
6 persons or more	5 577	5 560	--	3 062	2 175	323	17	--	4	5	8
Median	2.8	2.8	2.0	4.1	6.5	7.5+	1.9	1.5	3.6	...	...
Units with roomers, boarders, or lodgers	765	735	402	278	50	5	30	18	7	--	5
YEAR STRUCTURE BUILT											
1969 to March 1970	1 906	1 901	941	924	29	7	5	--	5	--	--
1965 to 1968	8 573	8 553	3 785	4 570	183	15	20	13	7	--	--
1960 to 1964	8 534	8 511	3 839	4 283	346	43	23	11	12	--	--
1950 to 1959	27 592	27 417	13 421	12 579	1 245	172	175	88	71	11	5
1940 to 1949	12 258	12 083	7 843	3 764	384	92	175	116	45	14	--
1939 or earlier	15 913	15 566	11 943	3 249	289	85	347	283	47	--	17
INCOME IN 1969											
Less than \$2,000	5 406	5 141	4 414	667	35	25	265	235	30	--	--
\$2,000 to \$2,999	3 243	3 178	2 586	458	98	36	65	52	13	--	--
\$3,000 to \$3,999	3 187	3 088	2 477	495	106	10	99	61	25	--	13
\$4,000 to \$4,999	3 135	3 084	2 261	717	97	9	51	34	10	7	--
\$5,000 to \$5,999	3 331	3 295	2 066	960	235	34	36	20	11	5	--
\$6,000 to \$6,999	3 880	3 852	2 495	1 220	126	11	28	15	9	--	4
\$7,000 to \$9,999	15 035	14 950	7 314	6 749	744	143	85	49	32	4	--
\$10,000 to \$14,999	20 128	20 065	8 678	10 643	682	62	63	39	20	4	--
\$15,000 to \$24,999	13 155	13 107	6 630	6 051	368	58	48	28	20	--	--
\$25,000 or more	4 285	4 275	2 915	1 297	50	13	10	10	--	--	--
Median	\$10 000	\$10 100	\$8 900	\$11 600	\$9 300	\$8 600	\$3 500	\$2 700	\$5 600	...	...
VALUE-INCOME RATIO											
<i>Specified owner occupied?</i>											
Less than 1.5	70 270	69 694	39 176	27 721	2 432	365	576	409	148	7	12
1.5 to 1.9	33 010	32 776	15 674	15 256	1 590	256	234	128	87	7	12
2.0 to 2.4	14 425	14 334	7 429	6 436	440	29	91	66	25	--	--
2.5 to 2.9	7 730	7 691	4 396	3 112	169	14	39	30	9	--	--
3.0 to 3.9	4 107	4 030	2 764	1 154	82	30	77	77	--	--	--
4.0 or more	3 769	3 693	2 864	755	63	11	76	59	17	--	--
Not computed	6 728	6 673	5 648	922	83	20	55	45	10	--	--
	501	497	401	86	5	5	4	4	--	--	--
HEATING EQUIPMENT											
Steam or hot water	485	485	381	92	12	--	--	--	--	--	--
Warm-air furnace	42 681	42 553	21 343	19 771	1 293	146	128	70	54	4	--
Built-in electric units	492	492	258	205	29	--	--	--	--	--	--
Floor, wall, or pipeless furnace	23 267	23 154	14 984	7 171	870	129	113	88	25	--	--
Other means	7 855	7 346	4 865	2 018	337	126	509	385	91	16	17
None	5	5	5	--	--	--	--	--	--	--	--
Renter occupied housing units	38 041	37 040	18 519	15 956	2 069	496	1 001	514	399	44	44
PERSONS											
1 person	11 916	11 291	10 305	986	--	--	625	414	211	--	--
2 persons	11 436	11 267	7 260	3 907	--	100	169	79	80	--	10
3 persons	6 239	6 122	895	5 097	121	9	117	21	81	15	--
4 persons	4 105	4 064	49	3 748	256	11	41	--	22	10	9
5 persons	2 191	2 180	10	1 677	418	75	11	--	6	5	5
6 persons or more	2 154	2 116	--	541	1 274	301	38	--	5	13	20
Median	2.1	2.1	1.4	3.1	5.9	6.7	1.3	1.1	1.4	...	...
Units with roomers, boarders, or lodgers	862	852	335	453	54	10	10	--	10	--	--
YEAR STRUCTURE BUILT											
1969 to March 1970	2 868	2 854	1 301	1 298	221	34	14	--	14	--	--
1965 to 1968	5 938	5 915	2 873	2 798	193	51	23	10	7	6	--
1960 to 1964	3 819	3 799	2 085	1 594	103	15	20	20	--	--	--
1950 to 1959	6 454	6 376	2 566	3 238	494	78	78	20	41	13	4
1940 to 1949	6 215	6 066	2 829	2 685	419	133	149	108	18	23	--
1939 or earlier	12 759	11 989	6 729	4 338	702	220	770	372	337	12	49
INCOME IN 1969											
Less than \$2,000	6 660	6 283	3 991	2 040	191	61	377	227	136	14	--
\$2,000 to \$2,999	3 231	3 082	1 621	1 134	287	40	149	87	51	5	6
\$3,000 to \$3,999	3 294	3 208	1 726	1 220	174	45	86	29	42	5	10
\$4,000 to \$4,999	3 358	3 255	1 757	1 220	226	52	103	56	37	10	--
\$5,000 to \$5,999	3 039	2 987	1 430	1 302	200	55	52	22	21	4	5
\$6,000 to \$6,999	3 088	3 014	1 503	1 262	184	65	74	38	26	--	10
\$7,000 to \$9,999	7 289	7 159	2 956	3 630	497	76	130	41	70	6	13
\$10,000 to \$14,999	5 489	5 464	2 159	3 019	218	68	25	14	11	--	--
\$15,000 to \$24,999	2 048	2 043	1 011	906	92	34	--	--	5	--	--
\$25,000 or more	545	545	365	180	--	--	--	--	--	--	--
Median	\$5 800	\$5 900	\$5 100	\$6 800	\$5 800	\$5 900	\$2 800	\$2 300	\$3 300	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
<i>Specified renter occupied?</i>											
Less than 10 percent	37 515	36 539	18 282	15 757	2 014	486	976	502	394	36	44
10 to 14 percent	2 221	2 115	921	977	140	77	106	21	67	--	18
15 to 19 percent	5 723	5 593	2 474	2 757	288	74	130	68	52	--	10
20 to 24 percent	7 077	6 975	3 085	3 342	477	71	102	38	55	5	4
25 to 34 percent	4 945	4 846	2 167	2 343	256	80	99	56	37	6	6
35 percent or more	5 806	5 633	2 772	2 367	416	78	173	103	59	5	6
Not computed	9 624	9 346	5 600	3 291	382	73	278	161	107	10	16
	2 119	2 031	1 263	680	55	33	88	55	17	--	--
HEATING EQUIPMENT											
Steam or hot water	1 635	1 569	909	630	15	15	66	6	55	--	5
Warm-air furnace	12 691	12 660	5 878	6 000	668	114	31	11	20	--	--
Built-in electric units	2 451	2 417	1 322	1 021	46	28	34	18	16	--	--
Floor, wall, or pipeless furnace	10 329	10 242	5 004	4 516	619	103	87	49	29	--	9
Other means	10 899	10 120	5 379	3 784	721	236	779	426	279	44	30
None	36	32	27	5	--	--	4	4	--	--	--

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

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

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

Tulsa	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	74 785	70	255	1 280	8 802	24 568	24 478	9 082	6 250	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	73 671	69	194	1 114	8 709	24 118	24 120	9 022	6 325	5.6
PERSONS										
1 person	9 581	49	138	682	2 327	3 358	2 194	578	255	5.0
2 persons	23 729	16	82	437	3 401	8 566	7 398	2 482	1 347	5.4
3 persons	14 014	--	5	84	1 527	4 730	5 099	1 724	845	5.6
4 persons	14 169	--	24	36	944	4 388	5 198	2 115	1 464	5.8
5 persons	7 715	5	6	36	340	2 124	2 805	1 255	1 144	6.0
6 persons or more	5 577	--	--	5	263	1 402	1 784	928	1 195	6.1
Median	2.8	...	1.4	1.4	2.1	2.6	3.0	3.4	4.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	74 035	65	213	1 135	8 590	24 453	24 325	9 028	6 226	5.6
0.50 or less	41 836	--	100	595	5 568	11 850	14 571	4 744	4 408	5.7
0.51 to 1.00	29 257	44	82	476	2 434	11 201	9 090	4 187	1 745	5.3
1.01 to 1.50	2 541	--	5	28	491	1 242	621	79	75	5.5
1.51 or more	401	21	26	36	97	160	43	18	--	5.1
Lacking some or all plumbing facilities	750	5	42	145	212	115	153	54	24	4.6
0.50 or less	543	--	38	87	160	74	120	40	24	4.4
0.51 to 1.00	170	5	--	45	37	41	28	14	--	4.4
1.01 to 1.50	20	--	--	8	7	--	5	--	--	4.4
1.51 or more	17	--	4	5	8	--	--	--	--	...
BEDROOMS										
None and 1	2 553	47	233	1 001	882	281	109	--	--	3.5
2	23 163	--	--	262	7 130	11 031	4 027	569	144	4.9
3	41 862	--	--	--	237	13 868	19 613	6 493	1 651	5.8
4 or more	7 337	--	--	--	--	76	1 021	2 005	4 235	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	1 912	5	6	41	349	601	412	248	250	5.4
1960 to 1968	17 034	17	45	192	964	4 234	6 069	3 027	2 486	6.0
1950 to 1959	27 521	--	72	199	2 537	10 317	10 348	2 754	1 294	5.6
1949 or earlier	28 318	48	132	848	4 952	9 416	7 649	3 053	2 220	5.4
COMPLETE BATHROOMS										
1 and 1 1/2	53 670	63	188	1 066	8 483	22 293	16 960	3 649	968	5.3
2 or more	20 127	13	19	69	246	1 871	7 167	5 385	5 357	6.6
None or also used by another household	979	--	60	172	275	147	217	85	23	4.4
VALUE-INCOME RATIO										
Specified owner occupied ¹	70 270	36	104	758	7 095	23 485	23 914	8 825	6 051	5.7
Less than 1.5	33 010	21	34	271	3 778	12 094	11 168	3 388	2 256	5.5
1.5 to 1.9	14 425	5	20	63	891	4 395	5 448	2 080	1 523	5.8
2.0 to 2.9	11 837	5	39	139	912	3 248	4 065	2 079	1 350	5.9
3.0 or more	10 497	5	11	265	1 439	3 571	3 100	1 214	892	5.5
Not computed	501	--	--	20	75	177	135	64	30	5.4
Renter occupied housing units	38 041	1 325	2 620	9 482	11 430	8 213	3 701	887	383	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	36 091	713	2 294	9 159	11 020	8 117	3 680	848	260	4.0
PERSONS										
1 person	11 916	1 197	1 911	4 669	2 801	1 028	245	28	37	3.1
2 persons	11 436	110	540	3 447	4 113	2 252	730	183	61	3.9
3 persons	6 239	9	136	979	2 485	1 714	692	164	60	4.3
4 persons	4 105	4	16	266	1 378	1 462	779	151	49	4.6
5 persons	2 191	5	5	70	424	896	565	169	55	5.2
6 persons or more	2 154	--	12	51	229	859	690	192	121	5.4
Median	2.1	1.1	1.2	1.5	2.2	3.0	3.7	4.0	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	37 040	1 100	2 397	9 177	11 279	8 155	3 690	859	383	4.0
0.50 or less	18 519	--	1 723	4 503	6 827	3 234	1 663	352	217	3.9
0.51 to 1.00	15 954	986	530	4 317	3 809	4 071	1 628	455	160	4.1
1.01 to 1.50	2 069	--	121	254	518	777	357	40	--	4.7
1.51 or more	496	114	23	101	125	73	42	12	6	3.6
Lacking some or all plumbing facilities	1 001	225	223	305	151	58	11	28	23	3.7
0.50 or less	514	--	188	166	87	46	4	2	--	2.9
0.51 to 1.00	399	211	10	109	54	3	7	5	--	1.4
1.01 to 1.50	44	--	15	10	10	9	--	--	--	...
1.51 or more	44	14	10	20	--	--	--	--	--	...
BEDROOMS										
None	1 784	1 092	381	311	--	--	--	--	--	1.3
1	14 401	--	2 201	8 102	3 838	221	39	--	--	3.1
2	14 130	--	--	630	7 995	4 727	657	101	20	4.3
3 or more	7 847	--	--	--	159	3 138	3 013	795	742	5.7
YEAR STRUCTURE BUILT										
1969 to March 1970	2 901	90	110	814	1 182	528	137	35	5	3.9
1960 to 1968	9 869	169	628	3 313	3 183	1 740	628	144	64	3.8
1950 to 1959	6 346	78	287	982	1 671	1 978	1 080	192	78	4.6
1949 or earlier	18 925	988	1 595	4 373	5 394	3 967	1 856	516	236	4.0
COMPLETE BATHROOMS										
1 and 1 1/2	34 393	1 034	2 337	9 183	10 496	7 454	3 148	603	138	3.9
2 or more	2 253	14	13	42	581	684	547	250	122	5.2
None or also used by another household	1 407	331	311	417	206	85	32	25	--	2.6
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	37 515	1 325	2 599	9 411	11 271	8 058	3 611	866	374	4.0
Less than 10 percent	2 221	226	212	496	616	405	217	49	--	3.8
10 to 14 percent	5 723	159	424	1 223	1 815	1 282	584	170	66	4.1
15 to 19 percent	7 077	184	317	1 625	2 099	1 871	740	169	72	4.2
20 to 24 percent	4 945	113	264	1 214	1 512	1 109	563	101	69	4.1
25 to 34 percent	5 806	164	469	1 530	1 653	1 265	543	145	37	3.9
35 percent or more	9 624	333	763	2 946	3 040	1 662	692	131	57	3.8
Not computed	2 119	146	150	377	536	464	272	101	73	4.2

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

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

Table B-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]

Tulsa	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	74 785	71 606	1 486	1 693	38 041	17 565	3 853	4 049	3 052	3 100	6 180	242
ROOMS												
1 room	70	36	28	6	1 325	286	30	51	76	137	741	4
2 rooms	255	120	54	81	2 620	1 177	222	313	273	450	720	25
3 rooms	1 280	815	244	221	9 482	2 312	1 198	1 140	1 205	1 300	2 247	80
4 rooms	8 802	7 237	557	1 008	11 430	4 353	1 448	1 787	954	980	1 792	116
5 rooms	24 568	23 928	334	306	8 213	5 628	755	626	455	190	546	13
6 rooms	24 478	24 281	143	54	3 701	3 250	147	104	76	32	92	4
7 rooms	9 082	9 028	37	17	887	776	44	21	5	11	26	—
8 rooms or more	6 250	6 161	89	—	383	343	9	7	8	—	16	—
Median	5.6	5.7	4.2	4.0	4.0	4.7	3.8	3.8	3.5	3.2	3.2	3.6
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	74 035	70 981	1 371	1 683	37 040	17 285	3 706	3 939	2 858	2 941	6 069	242
0.50 or less	41 836	39 896	1 035	905	18 519	7 455	2 118	2 029	1 486	1 774	3 528	129
0.51 to 1.00	29 257	28 203	318	736	15 956	8 060	1 408	1 674	1 252	1 106	2 356	100
1.01 to 1.50	2 541	2 500	9	32	2 069	1 470	133	199	96	43	123	5
1.51 or more	401	382	9	10	496	300	47	37	24	18	62	8
Lacking some or all plumbing facilities	750	625	115	10	1 001	280	147	110	194	159	111	—
0.50 or less	543	446	97	10	514	143	89	63	119	77	33	—
0.51 to 1.00	170	152	13	5	399	91	41	42	75	62	88	—
1.01 to 1.50	20	15	—	5	44	29	5	5	—	5	—	—
1.51 or more	17	12	5	—	44	17	12	—	—	15	—	—
BEDROOMS												
None	86	45	21	20	1 784	285	39	150	103	187	1 020	—
1	2 467	1 708	532	227	14 401	3 585	2 068	1 847	1 498	2 006	3 313	84
2	23 143	21 338	665	1 160	14 130	7 664	1 223	1 721	1 990	463	1 724	215
3	41 862	41 509	210	143	6 884	5 754	284	265	230	124	205	22
4 or more	7 337	7 318	19	—	963	775	—	21	45	27	70	25
YEAR STRUCTURE BUILT												
1969 to March 1970	1 912	1 382	53	477	2 901	383	130	518	566	467	828	9
1965 to 1968	8 387	7 541	116	730	5 963	841	356	960	651	829	2 240	86
1960 to 1964	8 647	8 303	90	254	3 906	1 088	219	409	412	458	1 235	85
1950 to 1959	27 521	27 194	127	200	6 346	4 588	402	384	165	297	462	48
1940 to 1949	12 436	12 183	238	15	6 172	4 095	775	605	235	220	242	—
1939 or earlier	15 882	15 003	862	17	12 753	6 570	1 971	1 173	1 023	829	1 173	14
INCOME IN 1969												
Less than \$2,000	5 406	4 916	380	110	6 660	2 885	801	812	610	508	993	51
\$2,000 to \$2,999	3 243	2 933	221	89	3 231	1 457	365	379	347	249	429	5
\$3,000 to \$3,999	3 187	2 927	174	86	3 294	1 272	376	464	331	346	465	40
\$4,000 to \$4,999	3 135	2 944	84	107	3 358	1 418	423	413	276	315	496	17
\$5,000 to \$5,999	3 331	3 104	91	136	3 039	1 456	306	330	230	261	439	17
\$6,000 to \$6,999	3 880	3 716	64	100	3 088	1 292	276	298	206	219	326	36
\$7,000 to \$9,999	15 035	14 237	230	568	7 289	3 868	657	648	561	498	1 019	38
\$10,000 to \$14,999	20 128	19 599	149	380	5 489	2 886	424	454	317	405	963	38
\$15,000 to \$24,999	13 155	12 967	88	100	2 048	852	159	154	117	153	573	38
\$25,000 or more	4 285	4 263	5	17	545	179	66	55	44	39	162	—
Median	\$10 000	\$10 300	\$3 800	\$8 200	\$5 800	\$6 200	\$4 900	\$4 900	\$4 900	\$5 500	\$6 400	\$5 500
YEAR MOVED INTO UNIT												
1969 to March 1970	9 097	8 123	271	703	22 549	9 220	2 154	2 710	2 272	2 148	3 886	159
1968	7 044	6 596	60	388	5 048	2 562	571	422	273	314	880	26
1967	5 318	5 055	82	181	2 528	1 291	196	256	169	150	450	16
1965 and 1966	10 266	9 857	197	212	2 910	1 626	339	218	158	171	391	7
1960 to 1964	15 020	14 642	216	162	2 630	1 589	343	261	205	150	282	—
1950 to 1959	17 727	17 407	229	91	1 545	808	224	136	76	109	185	7
1949 or earlier	10 304	9 862	435	7	843	492	107	60	21	68	95	—
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	37 515	17 039	3 853	4 049	3 052	3 100	6 180	242
Less than \$50	...	...	...	...	1 977	716	224	319	223	175	298	22
\$50 to \$59	...	...	...	...	2 273	981	327	295	252	152	258	8
\$60 to \$69	...	...	...	...	3 426	1 441	530	401	382	240	418	14
\$70 to \$79	...	...	...	...	3 161	1 570	467	349	219	215	327	14
\$80 to \$99	...	...	...	...	5 800	2 963	943	675	403	366	387	63
\$100 to \$119	...	...	...	...	4 888	2 597	443	524	516	304	458	46
\$120 to \$149	...	...	...	...	6 046	2 866	203	520	532	831	1 265	29
\$150 to \$199	...	...	...	...	6 009	2 098	312	721	307	691	1 855	25
\$200 to \$299	...	...	...	...	2 053	776	275	148	176	66	606	6
\$300 or more	...	...	...	...	477	179	50	62	4	—	182	—
No cash rent	...	...	...	...	1 405	1 052	79	35	38	60	126	15
Median	...	...	...	...	\$106	\$102	\$86	\$99	\$101	\$122	\$141	\$97
HEATING EQUIPMENT												
Steam or hot water	485	445	40	—	1 635	87	37	49	147	312	997	6
Warm-air furnace	42 681	40 843	357	1 481	12 691	4 280	805	1 531	1 200	1 276	3 421	178
Built-in electric units	492	441	30	21	2 451	382	62	432	202	311	1 062	—
Floor, wall, or pipeless furnace	23 267	22 660	532	75	10 329	6 943	1 461	792	478	361	291	3
Other means	7 855	7 217	527	111	10 899	5 847	1 483	1 245	1 025	835	409	55
None	5	—	—	5	36	26	5	—	—	5	—	—
AIR CONDITIONING												
Room unit(s)	37 572	36 054	747	771	13 852	7 103	1 319	1 348	1 250	1 184	1 512	136
Central system	23 913	23 134	263	516	9 536	1 668	658	1 235	944	1 257	3 743	31
None	13 291	12 354	480	457	14 665	8 617	1 957	1 480	980	669	914	48
AUTOMOBILES AVAILABLE												
1	30 201	28 488	792	921	20 557	9 020	2 091	2 255	1 886	1 783	3 353	169
2	32 883	31 893	284	706	8 909	4 868	736	739	543	657	1 340	26
3 or more	6 619	6 509	49	61	974	602	52	43	43	59	163	12
None	5 073	4 652	365	56	7 613	2 898	1 055	1 026	702	611	1 313	8

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

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

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

Tulsa	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	74 785	9 581	23 729	14 014	14 169	7 715	3 338	1 518	721	2.8
BEDROOMS										
None and 1	2 553	1 288	964	259	18	-	24	-	-	1.5
2	23 163	5 294	11 042	3 818	1 988	724	185	112	-	2.1
3	41 862	2 603	10 654	9 238	10 748	5 281	1 942	972	424	3.3
4 or more	7 337	249	940	966	1 662	1 823	1 022	432	243	4.4
YEAR STRUCTURE BUILT										
1969 to March 1970	1 912	121	558	384	515	257	63	9	5	3.2
1965 to 1968	8 387	341	1 701	1 998	2 407	1 269	460	153	58	3.6
1960 to 1964	8 647	321	2 002	1 773	2 387	1 163	441	243	117	3.6
1950 to 1959	27 521	2 347	7 867	5 583	6 046	3 359	1 352	658	309	3.1
1940 to 1949	12 436	2 310	4 890	2 174	1 482	962	343	178	97	2.3
1939 or earlier	15 882	4 141	6 711	2 102	1 332	705	479	277	135	2.1
UNITS IN STRUCTURE										
1	71 606	8 491	22 582	13 546	13 849	7 617	3 320	1 487	714	2.8
2 or more	1 486	742	444	108	110	60	14	8	7	1.5
Mobile home or trailer	1 693	348	703	360	210	38	4	23	-	2.2
COMPLETE BATHROOMS										
1 and 1 1/2	53 670	8 348	17 947	10 076	8 990	4 816	1 935	1 092	466	2.6
2 and 2 1/2	18 077	848	4 929	3 425	4 616	2 547	1 222	319	171	3.5
3 or more	2 050	144	490	311	411	306	189	98	101	3.7
None or also used by another household	979	302	348	125	108	74	5	17	-	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	65 204	...	23 729	14 014	14 169	7 715	3 338	1 518	721	3.1
Male head, wife present, no nonrelatives	58 201	...	20 247	12 376	13 249	7 161	3 143	1 364	661	3.2
Under 25 years	1 502	...	508	551	348	55	27	9	4	2.9
25 to 34 years	11 458	...	1 263	2 772	4 327	2 092	663	254	87	3.9
35 to 44 years	13 783	...	1 150	2 156	4 501	3 194	1 720	685	377	4.3
45 to 64 years	24 093	...	11 007	6 142	3 901	1 736	720	399	188	2.7
65 years and over	7 365	...	6 319	755	172	84	13	17	5	2.1
Other male head	1 578	...	763	308	232	154	51	42	28	2.8
Under 65 years	1 281	...	574	247	189	154	51	38	28	2.6
65 years and over	297	...	189	61	43	-	4	-	-	2.3
Female head	5 425	...	2 719	1 330	688	400	144	112	32	2.5
Under 65 years	4 138	...	1 793	1 113	597	365	139	104	27	2.7
65 years and over	1 287	...	926	217	91	35	5	8	5	2.2
One-person households	9 581	9 581	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	70 270	8 303	22 099	13 336	13 630	7 519	3 244	1 451	688	2.9
Less than 1.5	33 010	1 238	10 326	7 471	7 059	3 877	1 770	846	423	3.2
1.5 to 1.9	14 425	918	4 163	2 929	3 384	1 826	784	305	116	3.2
2.0 to 2.4	7 730	882	2 421	1 322	1 685	867	350	144	59	2.9
2.5 to 2.9	4 107	765	1 441	612	625	442	138	54	30	2.4
3.0 to 3.9	3 769	1 056	1 521	425	353	255	100	43	16	2.0
4.0 or more	6 728	3 212	2 096	516	479	235	92	59	39	1.6
Not computed	501	232	131	61	45	17	10	-	5	1.6
Renter occupied housing units	38 041	11 916	11 436	6 239	4 105	2 191	1 055	753	346	2.1
BEDROOMS										
None	1 784	1 550	214	-	-	-	20	-	-	1.1
1	14 401	7 535	5 070	1 268	314	77	65	45	27	1.5
2	14 130	2 779	4 986	3 537	1 893	602	229	104	-	2.4
3 or more	7 847	355	1 068	1 284	1 744	1 539	898	663	296	4.2
YEAR STRUCTURE BUILT										
1969 to March 1970	2 901	753	1 049	422	357	121	46	91	62	2.2
1965 to 1968	5 963	1 715	2 223	1 057	555	252	68	58	35	2.1
1960 to 1964	3 906	1 322	1 359	612	321	170	99	5	18	2.0
1950 to 1959	6 346	1 119	1 632	1 251	1 150	669	275	181	69	2.8
1940 to 1949	6 172	1 570	1 713	1 212	800	489	220	120	48	2.4
1939 or earlier	12 753	5 437	3 460	1 685	922	490	347	298	114	1.8
UNITS IN STRUCTURE										
1	17 565	3 276	4 595	3 386	2 843	1 736	862	600	267	2.8
2	3 853	1 299	1 304	705	363	97	48	23	14	2.0
3 and 4	4 049	1 361	1 276	815	346	133	52	38	28	2.0
5 to 9	3 052	1 207	1 025	434	168	122	32	43	21	1.8
10 to 19	3 100	1 507	1 075	319	125	39	19	16	-	1.5
20 or more	6 180	3 213	2 024	545	252	64	37	33	12	1.0
Mobile home or trailer	242	53	137	35	8	-	-	-	-	2.5
COMPLETE BATHROOMS										
1 and 1 1/2	34 393	10 741	10 398	5 714	3 753	1 906	901	677	303	2.1
2 or more	2 253	248	847	427	348	210	67	28	78	2.6
None or also used by another household	1 407	869	250	180	35	13	33	20	7	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	26 125	...	11 436	6 239	4 105	2 191	1 055	753	346	2.8
Male head, wife present, no nonrelatives	18 934	...	7 895	4 671	3 128	1 713	785	488	254	2.5
Under 25 years	4 685	...	2 416	1 564	558	111	25	6	5	3.4
25 to 34 years	6 302	...	1 669	1 668	1 475	909	300	192	89	4.0
35 to 44 years	2 765	...	583	513	558	435	359	212	105	2.4
45 to 64 years	3 895	...	2 156	779	490	241	96	78	55	2.1
65 years and over	1 287	...	1 071	147	47	17	5	-	-	2.1
Other male head	1 443	...	940	264	154	37	35	9	4	2.3
Under 65 years	1 357	...	859	259	154	37	35	9	4	2.3
65 years and over	86	...	81	-	-	-	-	-	-	...
Female head	5 748	...	2 601	1 304	823	441	235	256	88	2.7
Under 65 years	5 247	...	2 198	1 249	799	427	235	251	88	2.8
65 years and over	501	...	403	55	24	14	-	5	-	2.1
One-person households	11 916	11 916	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	37 515	11 797	11 308	6 152	4 031	2 140	1 023	703	341	2.1
Less than 10 percent	2 221	797	855	322	220	87	51	48	59	2.1
10 to 14 percent	5 723	1 199	2 001	1 076	729	359	219	84	56	2.3
15 to 19 percent	7 077	1 553	2 291	1 314	1 010	460	237	169	43	2.4
20 to 24 percent	4 945	1 308	1 349	949	698	336	139	104	62	2.4
25 to 34 percent	5 806	1 853	1 671	986	502	416	189	138	51	2.1
35 percent or more	9 624	4 342	2 635	1 246	628	401	161	150	61	1.7
Not computed	2 119	963	506	259	244	101	27	10	9	1.7

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

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

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

Tulsa	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$89	\$90 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	4 406	676	671	947	547	837	343	208	43	25	5		104	44
ROOMS														
1 room	61	36	—	—	7	—	—	—	—	5	—	—	13	—
2 rooms	121	52	28	27	—	5	—	5	—	4	—	—	—	33
3 rooms	1 015	313	220	246	89	71	37	11	11	9	—	—	19	38
4 rooms	1 310	155	328	234	150	288	100	34	11	—	—	—	10	67
5 rooms	1 236	89	69	310	187	320	79	96	22	11	—	5	46	77
6 rooms	573	26	26	108	66	117	100	50	6	—	—	—	14	84
7 rooms	82	5	—	3	30	30	14	—	—	—	—	—	—	—
8 rooms or more	68	—	—	19	18	6	13	12	—	—	—	—	—	—
Median	4.3	3.3	3.8	4.4	4.6	4.7	4.9	5.1	—	—	—	—	4.7	—
PERSONS														
1 person	1 151	333	212	202	148	96	49	48	4	16	—	—	43	60
2 persons	846	148	150	174	88	182	48	15	5	—	—	—	36	65
3 persons	750	70	140	141	87	167	88	31	12	9	—	5	—	73
4 persons	634	79	116	139	93	95	59	22	11	—	—	—	20	68
5 persons	372	23	27	108	57	95	15	29	11	—	—	—	5	74
6 persons or more	653	23	26	183	74	200	84	63	—	—	—	—	—	82
Median	2.8	1.5	2.3	3.2	2.9	3.3	3.3	4.0	—	—	—	—	1.8	—
Units with roomers, boarders, or lodgers	109	10	19	35	16	24	—	5	—	—	—	—	—	67
PLUMBING FACILITIES BY PERSONS PER ROOM														
With all plumbing facilities	4 237	593	638	922	542	832	339	208	43	20	5	—	95	84
0.50 or less	1 688	301	315	315	215	279	117	63	15	11	—	—	57	66
0.51 to 1.00	1 844	261	260	402	255	347	149	103	23	9	5	—	30	70
1.01 to 1.50	593	21	56	189	46	177	73	26	5	—	—	—	—	73
1.51 or more	112	10	7	16	26	29	—	16	—	—	—	—	8	77
Lacking some or all plumbing facilities	169	63	33	25	5	5	4	—	—	5	—	—	9	58
0.50 or less	82	41	22	6	—	5	4	—	—	—	—	—	4	—
0.51 to 1.00	77	42	11	14	5	—	—	—	—	5	—	—	—	—
1.01 to 1.50	10	—	—	5	—	—	—	—	—	—	—	—	—	5
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS														
None	81	39	—	19	—	—	—	—	—	—	—	—	—	23
1	1 197	322	287	249	150	108	—	46	15	—	—	—	—	20
2	1 937	181	309	307	235	525	208	82	41	—	—	—	—	49
3 or more	1 270	76	26	311	282	278	176	121	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	692	249	219	183	32	—	4	5	—	—	—	—	—	54
1965 to 1968	429	57	66	139	21	29	96	10	11	—	—	—	—	61
1960 to 1964	159	—	6	31	29	49	—	27	12	5	—	—	—	83
1950 to 1959	555	28	21	98	67	164	67	74	20	5	5	—	6	87
1940 to 1949	967	98	149	155	169	204	81	48	—	6	—	—	57	73
1939 or earlier	1 604	244	210	341	229	391	95	44	—	9	—	—	41	79
ELEVATOR IN STRUCTURE														
4 floors or more	22	—	22	—	—	—	—	—	—	—	—	—	—	—
With elevator	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Walk-up	22	—	22	—	—	—	—	—	—	—	—	—	—	—
1 to 3 floors	4 463	618	600	886	667	911	384	249	56	—	—	—	92	—
COMPLETE BATHROOMS														
1 and 1/2	4 106	582	631	915	505	799	321	200	39	22	—	—	8	64
2 or more	61	—	—	24	11	11	15	—	—	—	—	—	—	—
None or also used by another household	206	98	46	22	—	8	—	—	—	11	—	—	—	21
INCOME IN 1969														
Less than \$2,000	1 659	413	312	375	179	222	65	44	—	11	—	—	—	34
\$2,000 to \$2,999	810	132	101	219	127	160	32	19	11	5	—	—	—	4
\$3,000 to \$3,999	504	60	91	107	71	97	29	16	11	—	—	—	—	22
\$4,000 to \$4,999	298	23	34	72	54	72	24	10	—	—	—	—	—	9
\$5,000 to \$5,999	300	10	41	48	44	98	27	6	6	—	—	—	—	15
\$6,000 to \$6,999	238	13	—	44	18	66	57	24	—	5	—	—	—	11
\$7,000 to \$9,999	430	25	56	67	33	112	72	41	11	4	—	—	—	9
\$10,000 to \$14,999	151	—	36	10	21	4	32	48	—	—	—	—	—	—
\$15,000 to \$24,999	5	—	—	—	—	—	5	—	—	—	—	—	—	—
\$25,000 or more	11	—	—	5	—	6	—	—	—	—	—	—	—	—
Median	\$2 700	\$2 000	\$2 200	\$2 400	\$2 700	\$3 400	\$5 800	\$6 400	—	—	—	—	\$3 600	—
YEAR MOVED INTO UNIT														
1969 to March 1970	2 505	395	452	567	238	487	186	124	23	20	—	—	—	13
1968	540	42	41	138	68	128	67	36	7	5	—	—	—	—
1967	329	63	19	45	57	67	43	26	9	—	—	—	—	—
1965 and 1966	246	29	55	30	44	59	16	—	—	—	—	—	—	13
1960 to 1964	339	59	68	89	35	40	17	14	—	—	—	—	—	17
1950 to 1959	271	43	42	85	54	29	7	—	—	—	—	—	—	11
1949 or earlier	143	49	—	7	20	8	—	—	—	8	—	—	—	51
GROSS RENT AS PERCENTAGE OF INCOME														
Less than 10 percent	218	38	92	48	21	10	9	—	—	—	—	—	—	—
10 to 14 percent	406	50	52	108	47	87	36	26	—	—	—	—	—	—
15 to 19 percent	521	63	78	92	53	119	73	43	—	—	—	—	—	—
20 to 24 percent	547	91	80	71	109	69	36	—	—	—	—	—	—	—
25 to 34 percent	672	149	57	181	74	135	40	19	17	—	—	—	—	—
35 percent or more	1 772	250	255	395	268	353	111	84	26	25	—	—	5	—
Not computed	270	35	46	43	13	24	5	—	—	—	—	—	—	104
AIR CONDITIONING														
Room unit(s)	669	64	74	113	87	120	49	95	6	5	—	—	—	56
Central system	221	48	11	16	16	8	85	11	17	9	—	—	—	—
None	3 483	568	592	832	413	690	202	94	16	19	—	—	8	49

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

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

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

Tulsa	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	5 852	1 124	647	530	520	515	393	1 027	830	244	22	5 200
ROOMS												
1 and 2 rooms	45	11	20	-	-	9	-	5	-	-	-	...
3 rooms	236	141	26	5	15	9	9	23	4	4	-	2000-
4 rooms	1 030	283	145	108	76	94	67	157	90	10	-	3 800
5 rooms	2 375	438	262	250	227	234	153	426	280	105	-	5 000
6 rooms	1 488	170	154	141	133	102	115	270	321	75	7	6 400
7 rooms or more	678	81	40	26	69	67	49	146	135	50	15	7 100
PERSONS												
1 person	1 058	638	159	80	42	29	29	76	5	-	-	2000-
2 persons	1 727	244	250	236	212	154	122	268	194	47	-	4 600
3 and 4 persons	1 624	156	155	81	159	175	156	329	318	86	9	6 600
5 persons	522	49	17	39	41	38	42	127	103	56	10	7 800
6 persons or more	921	37	66	94	66	119	44	227	210	55	3	7 500
Units with roomers, boarders, or lodgers	154	46	42	11	24	11	15	-	5	-	-	2 700
BEDROOMS												
Less than 3	3 111	659	352	207	448	260	291	568	211	91	24	4 800
3	2 765	299	261	155	191	298	149	678	586	148	-	7 100
4 or more	220	19	23	-	43	-	-	24	87	24	-	...
YEAR STRUCTURE BUILT												
1969 to March 1970	19	5	-	-	-	-	5	-	9	-	-	...
1960 to 1968	537	46	47	30	60	41	21	134	103	50	5	7 500
1950 to 1959	1 889	172	161	158	151	163	144	447	371	117	5	7 000
1949 or earlier	3 407	901	439	342	309	311	223	446	347	77	12	4 100
YEAR MOVED INTO UNIT												
1969 to March 1970	636	68	26	82	79	42	36	169	123	11	-	6 600
1968	440	61	20	18	39	44	59	113	66	20	-	6 600
1960 to 1967	2 218	293	241	193	156	225	160	444	370	129	7	6 000
1959 or earlier	2 589	746	382	299	184	203	146	254	286	69	20	3 600
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	2 467	228	57	156	188	275	197	723	471	148	24	7 500
Clothes dryer	1 406	150	17	42	94	127	114	422	336	104	-	8 100
Dishwasher	549	26	-	-	37	83	21	216	125	41	-	8 500
Home food freezer	1 438	185	101	42	157	96	79	326	278	174	-	7 500
Owned second home	142	48	-	-	-	-	20	17	57	-	-	6 600
With air conditioning	2 946	329	276	262	210	256	242	597	549	203	22	6 400
Room unit(s)	2 648	329	253	224	204	238	221	536	475	153	15	6 300
Central system	298	-	23	38	6	18	21	61	74	50	7	9 100
Automobiles available:												
1	2 863	411	318	331	306	366	217	522	305	75	12	5 200
2	1 467	75	59	86	92	101	134	355	443	115	7	8 600
3 or more	187	-	-	13	37	12	-	26	52	39	8	10 500
Renter occupied housing units	4 514	1 708	834	515	304	300	243	435	159	5	11	2 700
ROOMS												
1 room	61	27	9	9	-	-	4	12	-	-	-	...
2 rooms	126	82	4	14	3	7	-	16	-	-	-	2000-
3 rooms	1 019	517	191	83	94	35	35	48	11	-	5	2 000
4 rooms	1 356	495	199	161	86	128	91	132	53	5	6	2 900
5 rooms	1 254	396	320	123	75	87	64	134	55	-	-	2 700
6 rooms or more	698	191	111	125	46	43	49	93	40	-	-	3 400
PERSONS												
1 person	1 166	729	177	97	48	39	15	56	5	-	-	2000-
2 persons	859	324	173	91	60	43	42	81	34	5	6	2 600
3 and 4 persons	1 421	419	226	163	134	143	114	159	58	-	5	3 400
5 persons	381	115	71	42	25	40	22	46	20	-	-	3 100
6 persons or more	687	121	187	122	37	35	50	93	42	-	-	3 300
Units with roomers, boarders, or lodgers	112	70	8	11	13	6	-	4	-	-	-	2000-
BEDROOMS												
None	81	81	-	-	-	-	-	-	-	-	-	...
1	1 197	677	154	63	54	64	42	120	-	-	-	2000-
2	1 972	818	319	176	192	128	130	111	60	20	18	2 500
3 or more	1 320	288	372	174	59	197	82	100	48	-	-	3 000
YEAR STRUCTURE BUILT												
1969 to March 1970	724	316	135	105	35	45	14	52	22	-	-	2 300
1960 to 1968	597	167	128	75	34	48	47	44	43	5	6	3 000
1950 to 1959	561	139	98	83	33	50	49	84	25	-	-	3 500
1949 or earlier	2 632	1 086	473	252	202	157	133	255	69	-	5	2 500
YEAR MOVED INTO UNIT												
1969 to March 1970	2 542	929	456	330	180	144	125	282	96	-	-	2 800
1968	572	148	130	56	37	42	73	42	44	-	-	3 100
1960 to 1967	947	321	217	119	59	42	23	119	47	-	-	2 700
1959 or earlier	428	240	40	55	18	45	19	11	-	-	-	2000-
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	4 406	1 659	810	504	298	300	238	430	151	5	11	2 700
Less than 15 percent	624	-	6	16	29	81	71	276	129	5	11	8 200
15 to 19 percent	521	4	10	109	97	90	79	110	22	-	-	5 500
20 to 24 percent	547	5	141	130	96	91	64	20	-	-	-	4 000
25 to 34 percent	672	130	262	181	62	18	8	11	-	-	-	2 800
35 percent or more	1 772	1 320	387	46	5	5	5	4	-	-	-	2000-
Not computed	270	200	4	22	9	15	11	9	-	-	-	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	735	186	152	99	41	93	46	74	44	-	-	3 300
Clothes dryer	272	23	18	75	-	20	18	74	44	-	-	...
Dishwasher	46	-	-	-	-	-	-	46	-	-	-	...
Home food freezer	453	89	115	62	103	24	-	33	27	-	-	3 400
Owned second home	63	20	25	-	-	-	-	-	-	-	18	...
With air conditioning	929	287	115	81	51	92	83	137	83	-	-	3 800
Room unit(s)	697	228	88	61	39	73	62	90	56	-	-	3 500
Central system	232	59	27	20	12	19	21	47	27	-	-	4 800
Automobiles available:												
1	1 953	514	374	190	186	161	149	287	92	-	-	3 500
2	373	68	38	8	14	53	43	87	62	-	-	6 100
3 or more	11	-	-	4	-	-	-	7	-	-	-	...

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

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

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

Tulsa	With all plumbing facilities					Lacking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	5 852	5 595	2 958	1 939	553	145	257	162	82	5
PERSONS										
1 person	1 058	958	958	-	-	-	100	95	5	-
2 persons	1 727	1 646	1 611	35	-	-	81	58	23	-
3 persons	929	900	346	549	5	10	29	9	20	-
4 persons	695	670	33	609	18	10	25	-	25	-
5 persons	522	517	10	461	27	19	5	-	5	-
6 persons or more	921	904	-	285	503	116	17	-	4	5
Median	2.7	2.7	1.8	4.1	6.7	7.5+	1.9	1.4	...	...
Units with roomers, boarders, or lodgers	154	142	97	30	10	5	12	5	7	-
YEAR STRUCTURE BUILT										
1969 to March 1970	13	8	-	8	-	-	5	-	5	-
1965 to 1968	154	147	51	90	6	-	7	-	7	-
1960 to 1964	408	392	121	148	107	16	16	4	12	-
1950 to 1959	1 924	1 882	775	777	244	86	42	18	24	-
1940 to 1949	1 784	1 696	970	568	127	31	88	51	31	6
1939 or earlier	1 600	1 500	1 041	342	94	23	100	76	13	-
INCOME IN 1969										
Less than \$2,000	1 124	1 006	778	192	11	25	118	93	25	-
\$2,000 to \$2,999	647	616	415	123	51	21	37	24	13	-
\$3,000 to \$3,999	530	496	321	115	50	10	34	21	5	-
\$4,000 to \$4,999	520	505	294	161	41	9	15	10	5	-
\$5,000 to \$5,999	515	505	201	200	86	18	10	-	5	5
\$6,000 to \$6,999	393	384	192	162	30	9	9	9	9	-
\$7,000 to \$9,999	1 027	1 006	378	424	158	46	21	9	12	-
\$10,000 to \$14,999	830	821	301	416	95	9	9	5	4	-
\$15,000 to \$24,999	244	240	73	129	31	7	4	-	4	-
\$25,000 or more	22	22	5	17	-	-	-	-	-	-
Median	\$5 200	\$5 400	\$3 900	\$7 100	\$7 100	\$5 400	\$2 300	\$2000-	...	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	5 557	5 348	2 806	1 864	533	145	209	135	66	-
Less than 1.5	2 494	2 422	943	1 102	303	74	72	24	40	-
1.5 to 1.9	821	785	376	289	100	20	36	26	10	-
2.0 to 2.4	510	510	302	147	56	5	-	-	-	-
2.5 to 2.9	369	332	212	78	22	20	37	37	-	-
3.0 to 3.9	440	395	307	62	15	11	45	39	6	-
4.0 or more	856	837	627	168	32	10	19	9	10	-
Not computed	67	67	39	18	5	5	-	-	-	-
HEATING EQUIPMENT										
Steam or hot water	21	21	10	5	6	-	-	-	-	-
Warm-air furnace	1 210	1 193	400	600	164	29	17	-	17	-
Built-in electric units	73	73	34	33	6	-	-	-	-	-
Floor, wall, or pipeless furnace	2 437	2 433	1 304	845	232	52	4	-	4	-
Other means	2 111	1 875	1 210	456	145	64	236	162	61	5
None	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	4 514	4 345	1 716	1 893	619	117	169	82	77	10
PERSONS										
1 person	1 166	1 072	1 051	21	-	-	94	67	27	-
2 persons	859	822	576	233	-	13	37	11	26	-
3 persons	755	732	77	650	5	-	23	4	19	-
4 persons	666	656	12	564	80	-	10	-	5	5
5 persons	381	381	-	304	67	10	-	-	-	-
6 persons or more	687	682	-	121	467	94	5	-	-	5
Median	2.8	2.9	1.3	3.6	6.6	7.4	1.4	...	...	...
Units with roomers, boarders, or lodgers	112	107	39	47	16	5	5	-	5	-
YEAR STRUCTURE BUILT										
1969 to March 1970	707	707	187	378	122	20	-	-	-	-
1965 to 1968	443	437	71	268	91	7	6	-	-	6
1960 to 1964	132	132	62	35	28	7	-	-	-	-
1950 to 1959	560	553	179	266	104	4	7	-	7	-
1940 to 1949	1 053	992	447	384	131	30	61	49	5	7
1939 or earlier	1 594	1 495	774	479	187	55	99	41	58	-
INCOME IN 1969										
Less than \$2,000	1 708	1 612	866	612	110	24	96	59	37	-
\$2,000 to \$2,999	834	809	288	320	182	19	25	10	10	5
\$3,000 to \$3,999	515	501	157	219	103	22	14	9	5	-
\$4,000 to \$4,999	304	299	99	127	73	-	5	-	-	5
\$5,000 to \$5,999	300	295	78	175	34	8	5	-	5	-
\$6,000 to \$6,999	243	243	48	147	30	18	-	-	-	-
\$7,000 to \$9,999	435	415	133	187	77	18	20	-	20	-
\$10,000 to \$14,999	159	155	36	101	10	8	4	4	-	-
\$15,000 to \$24,999	5	5	5	-	-	-	-	-	-	-
\$25,000 or more	11	11	6	5	-	-	-	-	-	-
Median	\$2 700	\$2 700	\$2 000	\$3 100	\$3 200	\$3 700	\$2000-	...	...	...
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	4 406	4 237	1 688	1 844	593	112	169	82	77	10
Less than 10 percent	218	199	64	99	28	8	19	4	15	-
10 to 14 percent	406	390	126	215	37	12	16	6	10	-
15 to 19 percent	521	516	154	237	107	18	5	-	5	-
20 to 24 percent	547	538	153	293	69	23	9	4	5	-
25 to 34 percent	672	646	213	271	158	4	26	15	6	5
35 percent or more	1 772	1 693	855	628	176	34	79	43	36	-
Not computed	270	255	123	101	18	13	15	10	-	5
HEATING EQUIPMENT										
Steam or hot water	67	67	54	3	10	-	-	-	-	-
Warm-air furnace	1 222	1 222	243	708	239	32	-	-	-	-
Built-in electric units	164	164	45	92	23	4	-	-	-	-
Floor, wall, or pipeless furnace	880	880	360	397	111	12	-	-	-	-
Other means	2 167	2 002	1 004	693	236	69	165	78	77	10
None	14	10	10	-	-	-	4	4	-	-

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

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

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

Tulsa	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	5 852	5	40	236	1 030	2 375	1 488	526	152	5.2
PERSONS	5 524	—	42	146	960	2 283	1 422	506	165	5.2
1 person	1 058	—	—	—	—	—	—	—	—	—
2 persons	1 727	5	19	132	370	342	136	54	—	4.5
3 persons	929	—	—	58	329	839	351	124	26	5.1
4 persons	695	—	5	10	171	388	300	45	10	5.2
5 persons	522	—	10	18	68	263	217	86	33	5.5
6 persons or more	921	—	6	13	27	222	157	78	19	5.5
Median	2.7	...	...	1.4	1.9	2.5	3.4	4.0	4.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	5 595	—	30	167	964	2 317	1 458	512	147	5.2
0.50 or less	2 958	—	9	91	658	1 144	769	213	74	5.1
0.51 to 1.00	1 939	—	—	40	222	852	487	284	54	5.3
1.01 to 1.50	553	—	5	18	62	240	194	15	19	4.7
1.51 or more	145	—	16	18	22	81	8	—	—	5.3
Lacking some or all plumbing facilities	257	5	16	69	66	58	30	14	5	4.2
0.50 or less	162	—	10	41	41	37	18	10	5	4.2
0.51 to 1.00	82	5	—	28	17	21	7	4	—	...
1.01 to 1.50	5	—	—	—	—	—	—	—	—	...
1.51 or more	8	—	—	—	8	—	5	—	—	...
BEDROOMS										
None and 1	539	26	17	251	125	96	24	—	—	3.4
2	2 572	—	—	32	750	1 181	455	111	—	4.9
3	2 765	—	—	—	51	1 193	1 112	385	43	5.6
4 or more	220	—	—	—	—	—	53	81	86	...
YEAR STRUCTURE BUILT										
1969 to March 1970	19	—	—	—	—	5	—	14	—	...
1960 to 1968	537	—	6	—	—	—	—	—	—	...
1950 to 1959	1 889	—	10	5	38	262	160	43	23	5.3
1949 or earlier	3 407	5	24	193	701	1 224	844	325	91	5.1
COMPLETE BATHROOMS										
1 and 1 1/2	5 276	—	42	152	954	2 279	1 349	444	56	5.2
2 or more	301	—	—	—	20	31	73	68	109	6.9
None or also used by another household	306	—	9	74	93	69	44	17	—	4.3
VALUE-INCOME RATIO										
Specified owner occupied¹	5 557	5	36	210	937	2 304	1 440	482	143	5.2
Less than 1.5	2 494	—	15	50	404	989	716	251	69	5.3
1.5 to 1.9	821	5	9	31	110	359	199	74	34	5.2
2.0 to 2.9	879	—	6	41	120	349	281	67	15	5.3
3.0 or more	1 296	—	6	84	289	558	244	90	25	5.0
Not computed	67	—	—	4	14	49	—	—	—	...
Renter occupied housing units Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 514	61	126	1 019	1 356	1 254	537	87	74	4.3
PERSONS	4 211	15	76	921	1 303	1 206	556	92	42	4.3
1 person	1 166	48	99	538	271	165	41	—	4	3.3
2 persons	859	13	22	237	354	169	54	—	10	3.9
3 persons	755	—	5	149	322	198	66	15	—	4.2
4 persons	666	—	—	85	296	201	59	13	12	4.3
5 persons	381	—	—	10	67	240	45	10	9	5.0
6 persons or more	687	—	—	—	46	281	272	49	39	5.6
Median	2.8	...	1.1	1.4	2.7	4.0	5.6	...	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	4 345	34	94	949	1 330	1 244	533	87	74	4.3
0.50 or less	1 716	—	72	508	609	329	157	15	26	4.0
0.51 to 1.00	1 893	21	17	351	608	639	164	51	42	4.4
1.01 to 1.50	619	—	5	80	67	267	191	9	—	5.1
1.51 or more	117	13	—	10	46	9	21	—	—	4.3
Lacking some or all plumbing facilities	169	27	32	70	24	10	4	12	6	2.9
0.50 or less	82	—	27	30	16	5	—	—	—	...
0.51 to 1.00	77	27	5	35	10	—	—	—	—	...
1.01 to 1.50	10	—	—	5	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None	81	62	—	19	—	—	—	—	—	...
1	1 197	—	96	796	285	20	—	—	—	3.1
2	1 972	—	—	187	1 048	613	101	23	—	4.3
3 or more	1 320	—	—	—	17	630	426	85	162	5.5
YEAR STRUCTURE BUILT										
1969 to March 1970	724	—	6	102	319	209	75	13	—	4.3
1960 to 1968	597	—	5	85	202	224	62	11	8	4.5
1950 to 1959	561	—	11	112	167	179	82	10	—	4.4
1949 or earlier	2 632	61	104	720	668	642	318	53	66	4.1
COMPLETE BATHROOMS										
1 and 1 1/2	4 222	20	94	935	1 319	1 201	544	82	27	4.3
2 or more	61	—	—	7	4	5	20	10	15	...
None or also used by another household	206	36	39	86	31	14	—	—	—	2.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	4 406	61	121	1 015	1 310	1 236	513	82	68	4.3
Less than 10 percent	218	9	11	33	82	35	39	9	—	4.2
10 to 14 percent	406	12	7	74	155	96	38	12	12	4.2
15 to 19 percent	521	—	7	111	194	149	32	15	13	4.2
20 to 24 percent	547	—	9	106	167	164	84	5	12	4.4
25 to 34 percent	672	6	22	164	174	191	88	24	3	4.3
35 percent or more	1 772	21	54	454	478	515	209	17	24	4.2
Not computed	270	13	11	73	60	86	23	—	4	4.1

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

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

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

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

Tulsa	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	5 852	5 695	130	27	4 514	2 674	433	555	386	139	318	9
ROOMS												
1 room	5	5	-	-	61	17	4	-	15	16	9	-
2 rooms	40	36	4	-	126	44	10	29	16	21	6	-
3 rooms	236	214	17	5	1 019	487	214	156	58	26	78	-
4 rooms	1 030	959	71	-	1 356	722	122	232	151	31	93	-
5 rooms	2 375	2 355	20	-	1 254	857	68	84	111	29	105	-
6 rooms	1 488	1 458	8	22	537	418	11	49	31	16	12	-
7 rooms	526	520	6	-	87	63	4	5	-	-	11	-
8 rooms or more	152	148	4	-	74	66	-	-	4	-	4	-
Median	5.2	5.2	4.1	...	4.3	4.6	3.4	3.9	4.2	3.7	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	5 595	5 471	107	17	4 345	2 588	392	550	360	128	318	9
0.50 or less	2 958	2 874	72	12	1 716	1 042	215	206	104	67	77	5
0.51 to 1.00	1 939	1 909	30	-	1 893	1 081	136	258	210	41	167	-
1.01 to 1.50	553	543	5	5	619	394	-	41	68	39	15	-
1.51 or more	145	145	-	-	117	71	-	18	7	5	12	-
Lacking some or all plumbing facilities	257	224	23	10	169	86	41	5	26	11	-	-
0.50 or less	162	146	16	-	82	46	20	5	11	-	-	-
0.51 to 1.00	82	70	7	5	77	30	21	-	15	11	-	-
1.01 to 1.50	5	-	-	5	10	10	-	-	-	-	-	-
1.51 or more	8	8	-	-	-	-	-	-	-	-	-	-
BEDROOMS												
None	26	26	-	-	81	19	-	-	-	39	23	-
1	513	426	87	-	1 197	645	229	107	-	106	110	-
2	2 572	2 555	17	-	1 972	1 257	135	282	123	34	122	19
3	2 765	2 765	-	-	1 038	654	28	139	126	42	49	-
4 or more	220	220	-	-	282	158	-	-	24	27	48	23
YEAR STRUCTURE BUILT												
1969 to March 1970	19	19	-	-	724	105	14	270	197	56	82	-
1965 to 1968	132	127	5	-	435	73	6	71	99	28	154	4
1960 to 1964	405	394	-	11	162	90	12	29	11	5	10	5
1950 to 1959	1 889	1 851	27	11	561	430	46	43	9	23	10	-
1940 to 1949	1 737	1 701	31	5	992	751	111	58	27	-	45	-
1939 or earlier	1 670	1 603	67	-	1 640	1 225	244	84	43	27	17	-
INCOME IN 1969												
Less than \$2,000	1 124	1 087	32	5	1 708	977	159	230	127	71	139	5
\$2,000 to \$2,999	647	604	37	6	834	484	97	92	86	14	61	-
\$3,000 to \$3,999	530	511	19	-	515	275	43	97	64	24	12	-
\$4,000 to \$4,999	520	515	5	-	304	201	40	32	4	-	27	-
\$5,000 to \$5,999	515	510	-	5	300	189	25	37	13	11	25	-
\$6,000 to \$6,999	393	378	15	-	243	172	9	23	14	4	21	-
\$7,000 to \$9,999	1 027	1 007	15	5	435	269	54	31	42	15	20	4
\$10,000 to \$14,999	830	817	7	6	159	102	-	13	31	-	13	-
\$15,000 to \$24,999	244	244	-	-	5	-	-	-	5	-	-	-
\$25,000 or more	22	22	-	-	11	5	6	-	-	-	-	-
Median	\$5 200	\$5 300	\$2 900	...	\$2 700	\$2 700	\$2 600	\$2 500	\$2 800	\$2 000	\$2 300	...
YEAR MOVED INTO UNIT												
1969 to March 1970	636	615	14	7	2 542	1 127	265	441	411	81	217	-
1968	440	440	-	-	572	399	41	45	-	22	65	-
1967	328	309	19	-	348	285	23	18	15	-	7	-
1965 and 1966	692	667	17	8	253	212	21	13	-	7	-	-
1960 to 1964	1 198	1 175	23	-	346	269	63	8	6	-	-	-
1950 to 1959	1 446	1 399	24	23	275	211	31	22	-	-	11	-
1949 or earlier	1 143	1 110	33	-	153	123	19	-	-	7	4	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	4 406	2 566	433	555	386	139	318	9
Less than \$50	...	...	...	...	676	279	47	189	73	45	43	-
\$50 to \$59	...	...	...	...	671	256	91	105	113	24	82	-
\$60 to \$69	...	...	...	...	947	464	109	141	109	34	90	-
\$70 to \$79	...	...	...	...	547	373	73	42	26	3	26	-
\$80 to \$99	...	...	...	...	837	648	99	46	11	-	28	-
\$100 to \$119	...	...	...	...	343	258	6	5	13	11	15	-
\$120 to \$149	...	...	...	...	208	158	-	21	31	13	20	-
\$150 to \$199	...	...	...	...	43	28	-	6	5	4	5	-
\$200 to \$299	...	...	...	...	25	15	-	-	5	-	9	-
\$300 or more	...	...	...	...	5	5	-	-	-	-	5	-
No cash rent	...	...	...	...	104	82	8	-	-	-	5	-
Median	...	...	...	...	\$68	\$77	\$67	\$58	\$61	\$59	\$63	...
HEATING EQUIPMENT												
Steam or hot water	21	21	-	-	67	23	15	11	-	13	5	-
Warm-air furnace	1 210	1 194	5	11	1 222	331	22	339	270	62	194	4
Built-in electric units	73	67	6	-	164	65	-	8	35	9	47	-
Floor, wall, or pipeless furnace	2 437	2 390	47	-	880	611	128	54	21	30	36	-
Other means	2 111	2 023	72	16	2 167	1 630	268	143	60	25	36	5
None	-	-	-	-	14	14	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	2 648	2 615	33	-	697	449	78	59	21	42	48	-
Central system	298	298	-	-	232	76	-	45	44	11	56	-
None	2 937	2 802	97	38	3 560	2 101	385	443	367	64	200	-
AUTOMOBILES AVAILABLE												
1	2 863	2 776	65	22	1 953	1 162	181	237	175	53	145	-
2	1 467	1 446	15	6	373	243	36	19	54	6	15	-
3 or more	187	187	-	-	11	7	-	-	-	-	4	-
None	1 366	1 306	31	10	2 152	1 214	246	291	203	58	140	-

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

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

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

Tulsa	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
	Owner occupied housing units	5 852	173	696	817	1 194	612	114	80	846	262	548	510
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	5 395	169	696	817	1 155	592	104	68	815	221	506	452
0.50 or less	2 958	49	121	159	619	475	56	54	308	159	506	452
0.51 to 1.00	1 939	106	453	377	417	110	24	14	376	62	-	-
1.01 to 1.50	553	14	103	227	101	7	11	-	90	-	-	-
1.51 or more	145	-	19	54	18	13	10	12	41	-	-	-
Lacking some or all plumbing facilities	257	4	-	-	39	20	10	12	31	41	42	58
0.50 or less	162	-	-	-	19	16	5	-	8	19	37	58
0.51 to 1.00	82	4	-	-	15	4	5	12	23	14	5	-
1.01 to 1.50	5	-	-	-	5	-	-	-	-	-	-	-
1.51 or more	8	-	-	-	-	-	-	-	-	8	-	-
UNITS IN STRUCTURE												
1	5 695	167	680	812	1 189	602	110	73	820	252	533	457
2 or more	130	-	16	-	-	4	4	7	21	10	15	53
Mobile home or trailer	27	6	-	5	5	6	-	-	5	-	-	-
INCOME IN 1969												
Less than \$2,000	1 124	10	10	20	29	97	13	17	221	69	252	386
\$2,000 to \$2,999	647	6	3	19	47	158	13	21	151	70	74	85
\$3,000 to \$3,999	530	18	22	20	104	105	4	9	144	24	65	15
\$4,000 to \$4,999	520	9	31	66	108	95	20	23	101	25	32	10
\$5,000 to \$5,999	515	23	69	137	58	114	13	4	68	10	25	4
\$6,000 to \$6,999	393	36	58	58	123	18	5	-	39	27	24	5
\$7,000 to \$9,999	1 027	39	268	238	259	23	33	-	76	15	76	-
\$10,000 to \$14,999	830	28	205	205	251	49	13	6	46	22	-	5
\$15,000 to \$24,999	244	4	30	45	146	19	-	-	-	-	-	-
\$25,000 or more	22	-	-	9	13	-	-	-	-	-	-	-
Median	\$5 200	\$6 600	\$8 700	\$8 100	\$7 800	\$3 500	\$5 500	...	\$3 400	\$2 900	\$2 300	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	5 557	155	671	803	1 154	576	110	73	806	237	527	445
Less than 1.5	2 494	74	459	503	759	180	69	23	230	101	92	4
1.5 to 1.9	821	27	141	167	132	102	8	8	114	24	82	14
2.0 to 2.4	510	23	28	69	116	73	5	9	91	21	42	33
2.5 to 2.9	369	-	23	15	41	52	11	5	79	34	40	69
3.0 to 3.9	440	20	15	15	61	54	5	-	95	16	61	98
4.0 or more	856	11	-	25	40	115	10	28	191	33	195	208
Not computed	67	-	5	9	5	-	-	-	6	8	15	19
Renter occupied housing units	4 514	323	348	218	247	149	145	19	1 811	88	805	361
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	4 345	313	338	218	242	139	131	14	1 796	82	744	328
0.50 or less	1 716	65	25	27	105	90	75	9	241	28	723	328
0.51 to 1.00	1 893	198	220	102	97	44	35	5	1 126	45	21	-
1.01 to 1.50	619	45	77	69	40	5	12	-	362	9	-	-
1.51 or more	117	5	16	20	-	-	9	-	67	-	-	-
Lacking some or all plumbing facilities	169	10	10	-	5	10	14	5	15	6	61	33
0.50 or less	82	-	-	-	-	-	9	-	6	-	40	27
0.51 to 1.00	77	10	10	-	5	10	-	5	4	6	21	6
1.01 to 1.50	10	-	-	-	-	-	5	-	5	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	2 674	128	231	189	214	127	80	19	1 001	60	379	246
2 to 4	988	109	53	20	28	22	29	-	382	11	267	67
5 to 19	525	58	55	9	-	-	29	-	244	5	104	21
20 or more	318	28	9	-	-	-	7	-	180	12	55	27
Mobile home or trailer	9	-	-	-	5	-	-	-	4	-	-	-
GROSS RENT												
Specified renter occupied ²	4 406	323	348	202	242	139	145	19	1 749	88	801	350
Less than \$50	676	20	5	16	21	16	19	5	231	10	220	113
\$50 to \$59	671	61	46	10	24	7	33	-	255	23	141	71
\$60 to \$69	947	32	49	27	46	38	9	5	500	39	140	62
\$70 to \$79	547	33	27	15	26	36	5	9	237	11	117	31
\$80 to \$99	837	91	93	81	72	24	47	-	328	5	70	26
\$100 to \$119	343	53	49	23	39	-	18	-	112	-	43	6
\$120 to \$149	208	22	59	19	4	5	5	-	46	-	38	10
\$150 to \$199	43	6	11	6	-	-	-	-	16	-	4	-
\$200 to \$299	25	5	4	-	-	-	-	-	5	-	10	6
\$300 or more	5	-	-	-	-	-	-	-	-	-	-	-
No cash rent	104	-	5	5	10	13	9	-	19	-	18	25
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	4 406	323	348	202	242	139	145	19	1 749	88	801	350
Less than \$5,000	3 271	168	102	73	107	121	68	19	1 499	78	686	350
Less than 20 percent	271	9	28	4	6	3	19	5	95	9	87	9
20 to 24 percent	372	51	15	20	20	39	-	-	178	-	40	9
25 to 34 percent	635	24	25	28	37	23	16	-	342	-	104	36
35 percent or more	1 758	84	34	21	39	47	24	14	783	63	389	260
Not computed	235	-	-	-	5	9	9	-	101	6	66	39
\$5,000 to \$9,999	968	128	209	107	115	18	45	-	226	10	110	-
Less than 20 percent	707	88	136	87	96	9	35	-	168	10	78	-
20 to 24 percent	175	24	50	15	9	5	10	-	46	-	16	-
25 to 34 percent	37	11	14	-	-	-	-	-	6	-	6	-
35 percent or more	14	5	4	-	-	-	-	-	-	-	5	-
Not computed	35	-	5	5	10	4	-	-	6	-	5	-
\$10,000 to \$14,999	151	22	32	22	20	-	26	-	24	-	5	-
Less than 20 percent	151	22	32	22	20	-	26	-	24	-	5	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	-	-	-	-	-	-	-	-	-	-	-	-
\$15,000 or more	16	5	5	-	-	-	6	-	-	-	-	-
Less than 20 percent	16	5	5	-	-	-	6	-	-	-	-	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	-	-	-	-	-	-	-	-	-	-	-	-

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

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

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

Tulsa	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	5 852	1 058	1 727	929	695	522	381	340	200	2.7
BEDROOMS										
None and 1	539	349	112	36	18	-	24	-	-	1.3
2	2 572	546	1 104	420	243	154	74	31	-	2.2
3	2 765	141	704	359	438	351	333	298	141	3.9
4 or more	220	-	19	42	57	-	24	78	-	...
YEAR STRUCTURE BUILT										
1969 to March 1970	19	-	5	5	5	-	4	-	-	...
1965 to 1968	132	12	30	41	25	10	5	9	-	3.1
1960 to 1964	405	17	115	69	57	51	50	32	14	3.5
1950 to 1959	1 889	230	413	332	272	230	180	120	112	3.4
1940 to 1949	1 737	344	537	287	184	188	71	89	37	2.5
1939 or earlier	1 670	455	627	195	152	43	71	90	37	2.1
UNITS IN STRUCTURE										
1	5 695	990	1 696	904	684	513	378	330	200	2.7
2 or more	130	68	20	19	11	9	3	-	-	1.5
Mobile home or trailer	27	-	11	6	-	-	-	10	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	5 276	965	1 508	858	643	461	338	319	184	2.7
2 and 2 1/2	261	14	37	38	26	70	24	10	42	4.7
3 or more	40	6	14	7	-	13	-	-	-	...
None or also used by another household	306	102	109	34	33	6	5	17	-	2.6
HOUSEHOLD COMPOSITION										
Two-or-more-person households	4 794	-	1 727	929	695	522	381	340	200	3.1
Male head, wife present, no nonrelatives	3 492	-	1 205	630	518	402	329	238	170	3.4
Under 25 years	173	-	24	56	55	21	4	9	4	3.6
25 to 34 years	696	-	74	140	182	117	115	38	30	4.2
35 to 44 years	817	-	130	99	138	111	138	100	101	4.9
45 to 64 years	1 194	-	528	231	119	130	72	79	35	2.8
65 years and over	612	-	449	104	24	23	-	12	-	2.2
Other male head	194	-	86	50	34	5	4	7	8	2.7
Under 65 years	114	-	56	14	20	5	4	7	8	2.6
65 years and over	80	-	30	36	14	-	-	-	-	...
Female head	1 108	-	436	249	143	115	48	95	22	3.6
Under 65 years	846	-	281	188	116	109	43	87	22	3.3
65 years and over	262	-	155	61	27	6	5	8	-	2.3
One-person households	1 058	1 058	-	-	-	-	-	-	-	1.8
VALUE-INCOME RATIO										
Specified owner-occupied ¹	5 557	972	1 638	876	677	508	374	312	200	2.7
Less than 1.5	2 494	96	657	502	412	309	226	184	108	3.5
1.5 to 1.9	821	96	272	133	117	62	52	51	38	2.8
2.0 to 2.4	510	75	191	59	56	48	29	33	19	2.4
2.5 to 2.9	369	109	124	38	21	28	20	14	15	2.7
3.0 to 3.9	440	159	170	46	10	19	24	5	5	1.9
4.0 or more	854	403	219	98	49	36	16	25	10	1.4
Not computed	67	34	5	-	12	6	5	-	5	...
Renter occupied housing units	4 514	1 166	859	755	666	381	221	343	123	2.1
BEDROOMS										
None	81	43	38	-	-	-	-	-	-	1.4
1	1 197	649	236	246	66	-	-	-	-	2.3
2	1 972	592	310	401	441	183	-	45	-	2.9
3 or more	1 320	40	21	178	146	235	324	275	101	5.0
YEAR STRUCTURE BUILT										
1969 to March 1970	724	84	109	151	183	62	25	66	44	3.4
1965 to 1968	435	34	81	66	73	80	31	47	23	4.3
1960 to 1964	162	43	28	22	13	21	5	5	5	3.2
1950 to 1959	561	98	87	140	94	46	24	64	8	3.5
1940 to 1949	992	324	173	171	115	91	50	59	9	2.5
1939 or earlier	1 640	583	381	205	188	81	66	102	34	2.7
UNITS IN STRUCTURE										
1	2 674	625	505	430	411	225	164	242	72	3.0
2	433	163	118	94	27	6	5	11	9	2.0
3 and 4	555	171	82	108	99	31	15	27	22	3.5
5 to 9	386	68	87	61	52	77	17	20	4	3.1
10 to 19	139	57	31	18	12	11	-	10	-	1.9
20 or more	318	82	31	44	65	31	20	33	12	3.6
Mobile home or trailer	9	-	5	-	-	-	-	-	4	...
COMPLETE BATHROOMS										
1 and 1 1/2	4 222	1 004	891	710	603	340	202	346	126	2.8
2 or more	61	-	5	7	12	-	-	15	22	...
None or also used by another household	206	105	55	28	12	-	6	-	-	1.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 348	-	859	755	666	381	221	343	123	1.4
Male head, wife present, no nonrelatives	1 285	-	386	322	199	134	57	129	58	3.3
Under 25 years	323	-	88	122	61	36	5	6	5	3.1
25 to 34 years	348	-	20	113	68	55	22	50	20	4.1
35 to 44 years	218	-	45	36	22	33	13	54	15	4.7
45 to 64 years	247	-	108	43	37	5	17	19	18	2.9
65 years and over	149	-	125	8	11	5	-	-	-	2.1
Other male head	164	-	103	38	19	-	-	4	-	2.2
Under 65 years	145	-	89	33	19	-	-	4	-	2.2
65 years and over	19	-	19	5	-	-	-	-	-	...
Female head	1 899	-	370	395	448	247	164	210	65	3.9
Under 65 years	1 811	-	315	390	434	233	164	210	65	4.0
65 years and over	88	-	55	5	14	-	-	-	-	...
One-person households	1 166	1 166	-	-	-	-	-	-	-	1.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	4 406	1 151	846	750	634	372	215	315	123	1.4
Less than 10 percent	218	25	67	31	30	20	14	9	22	1.6
10 to 14 percent	406	70	68	114	52	43	27	23	9	3.1
15 to 19 percent	521	81	89	95	125	33	26	59	13	3.3
20 to 24 percent	547	65	117	139	90	55	20	41	20	3.2
25 to 34 percent	672	146	107	119	81	79	45	86	9	3.2
35 percent or more	1 772	654	347	221	209	129	78	93	41	2.2
Not computed	270	110	51	31	47	13	5	4	9	2.2

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

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

Appendix A.—AREA CLASSIFICATIONS

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

USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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

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

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

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

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

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

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

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p> <input type="radio"/> One <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer </p> <p><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p> <input type="radio"/> Yes — What is the number? _____ Phone number <input type="radio"/> No </p> <p>H2. Do you enter your living quarters—</p> <p> <input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters? </p> <p>H3. Do you have complete kitchen facilities? <i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p> <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No complete kitchen facilities for this household </p> <p>H4. How many rooms do you have in your living quarters? <i>Do not count bathtubs, porches, balconies, foyers, halls, or half-rooms.</i></p> <p> <input type="radio"/> 1 room <input type="radio"/> 6 rooms <input type="radio"/> 2 rooms <input type="radio"/> 7 rooms <input type="radio"/> 3 rooms <input type="radio"/> 8 rooms <input type="radio"/> 4 rooms <input type="radio"/> 9 rooms or more <input type="radio"/> 5 rooms </p> <p>H5. Is there hot and cold piped water in this building?</p> <p> <input type="radio"/> Yes, hot and cold piped water in this building <input type="radio"/> No, only cold piped water in this building <input type="radio"/> No piped water in this building </p> <p>H6. Do you have a flush toilet?</p> <p> <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No flush toilet </p> <p>H7. Do you have a bathtub or shower?</p> <p> <input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No bathtub or shower </p> <p>H8. Is there a basement in this building?</p> <p> <input type="radio"/> Yes <input type="radio"/> No, built on a concrete slab <input type="radio"/> No, built in another way (include mobile homes and trailers) </p>	<p>H9. Are your living quarters—</p> <p> <input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i> <input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent? </p> <p>H10a. Is this building a one-family house?</p> <p> <input type="radio"/> Yes, a one-family house <input type="radio"/> No, a building for 2 or more families or a mobile home or trailer </p> <p>b. If "Yes"—is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p> <input type="radio"/> Yes, 10 acres or more <input type="radio"/> Yes, commercial establishment or medical office <input type="radio"/> No, none of the above </p> <p>H11. <i>If you live in a one-family house which you own or are buying—</i> What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p> <input type="radio"/> Less than \$5,000 <input type="radio"/> \$5,000 to \$7,499 <input type="radio"/> \$7,500 to \$9,999 <input type="radio"/> \$10,000 to \$12,499 <input type="radio"/> \$12,500 to \$14,999 <input type="radio"/> \$15,000 to \$17,499 <input type="radio"/> \$17,500 to \$19,999 <input type="radio"/> \$20,000 to \$24,999 <input type="radio"/> \$25,000 to \$34,999 <input type="radio"/> \$35,000 to \$49,999 <input type="radio"/> \$50,000 or more </p> <p style="font-size: small; 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>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p> <input type="radio"/> Less than \$30 <input type="radio"/> \$30 to \$39 <input type="radio"/> \$40 to \$49 <input type="radio"/> \$50 to \$59 <input type="radio"/> \$60 to \$69 <input type="radio"/> \$70 to \$79 <input type="radio"/> \$80 to \$89 <input type="radio"/> \$90 to \$99 <input type="radio"/> \$100 to \$119 <input type="radio"/> \$120 to \$149 <input type="radio"/> \$150 to \$199 <input type="radio"/> \$200 to \$249 <input type="radio"/> \$250 to \$299 <input type="radio"/> \$300 or more </p> <p>b. If rent is not paid by the month— What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____ (Nearest dollar) (Week, half-month, year, etc.)</p>	<p style="text-align: center; font-weight: bold;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">a4. Block number</th> <th style="width: 50%; text-align: center;">a5. Serial number</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">0 0 0 0 0</td><td style="text-align: center;">0 0 0 0 0</td></tr> <tr><td style="text-align: center;">1 0 0 0 1</td><td style="text-align: center;">0 0 0 0 1</td></tr> <tr><td style="text-align: center;">2 0 0 0 2</td><td style="text-align: center;">0 0 0 0 2</td></tr> <tr><td style="text-align: center;">3 0 0 0 3</td><td style="text-align: center;">0 0 0 0 3</td></tr> <tr><td style="text-align: center;">4 0 0 0 4</td><td style="text-align: center;">0 0 0 0 4</td></tr> <tr><td style="text-align: center;">5 0 0 0 5</td><td style="text-align: center;">0 0 0 0 5</td></tr> <tr><td style="text-align: center;">6 0 0 0 6</td><td style="text-align: center;">0 0 0 0 6</td></tr> <tr><td style="text-align: center;">7 0 0 0 7</td><td style="text-align: center;">0 0 0 0 7</td></tr> <tr><td style="text-align: center;">8 0 0 0 8</td><td style="text-align: center;">0 0 0 0 8</td></tr> <tr><td style="text-align: center;">9 0 0 0 9</td><td style="text-align: center;">0 0 0 0 9</td></tr> </tbody> </table> <p>B. Type of unit or quarters</p> <p>Occupied</p> <p> <input type="radio"/> First form <input type="radio"/> Continuation </p> <p>Vacant</p> <p> <input type="radio"/> Regular <input type="radio"/> Usual residence elsewhere <input type="radio"/> Group quarters </p> <p> <input type="radio"/> First form <input type="radio"/> Continuation </p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p> <p>C. Vacancy status</p> <p>Year round—</p> <p> <input type="radio"/> For rent <input type="radio"/> For sale only <input type="radio"/> Rented or sold, not occupied <input type="radio"/> Held for occasional use <input type="radio"/> Other vacant </p> <p> <input type="radio"/> Seasonal <input type="radio"/> Migratory </p> <p>D. Months vacant</p> <p> <input type="radio"/> Less than 1 month <input type="radio"/> 1 up to 2 months <input type="radio"/> 2 up to 6 months <input type="radio"/> 6 up to 12 months <input type="radio"/> 1 year up to 2 years <input type="radio"/> 2 years or more </p> <p>C/O <input type="radio"/> <input type="radio"/></p>	a4. Block number	a5. Serial number	0 0 0 0 0	0 0 0 0 0	1 0 0 0 1	0 0 0 0 1	2 0 0 0 2	0 0 0 0 2	3 0 0 0 3	0 0 0 0 3	4 0 0 0 4	0 0 0 0 4	5 0 0 0 5	0 0 0 0 5	6 0 0 0 6	0 0 0 0 6	7 0 0 0 7	0 0 0 0 7	8 0 0 0 8	0 0 0 0 8	9 0 0 0 9	0 0 0 0 9
a4. Block number	a5. Serial number																							
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APPENDIX B—Continued

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

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

15 and 5 percent

15 percent

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

H13. Answer question H13 if you pay rent for your living quarters.
In addition to the rent entered in H12, do you also pay for—

a. Electricity?
 Yes, average monthly cost is \$ _____ .00
Average monthly cost
 No, included in rent
 No, electricity not used

b. Gas?
 Yes, average monthly cost is \$ _____ .00
Average monthly cost
 No, included in rent
 No, gas not used

c. Water?
 Yes, yearly cost is \$ _____ .00
Yearly cost
 No, included in rent or no charge

d. Oil, coal, kerosene, wood, etc.?
 Yes, yearly cost is \$ _____ .00
Yearly cost
 No, included in rent
 No, these fuels not used

H14. How are your living quarters heated?
Fill one circle for the kind of heat you use most.

Steam or hot water system
 Central warm air furnace with ducts to the individual rooms, or central heat pump
 Built-in electric units (*permanently installed in wall, ceiling, or baseboard*)
 Floor, wall, or pipeless furnace
 Room heaters with flue or vent, burning gas, oil, or kerosene
 Room heaters without flue or vent, burning gas, oil, or kerosene (*not portable*)
 Fireplaces, stoves, or portable room heaters of any kind
 In some other way—*Describe* _____
 None, unit has no heating equipment

H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.

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

H16. Which best describes this building?
Include all apartments, flats, etc., even if vacant.

A one-family house detached from any other house
 A one-family house attached to one or more houses
 A building for 2 families
 A building for 3 or 4 families
 A building for 5 to 9 families
 A building for 10 to 19 families
 A building for 20 to 49 families
 A building for 50 or more families
 A mobile home or trailer
 Other—
Describe _____

H17. Is this building—

On a city or suburban lot?—*Skip to H24*
 On a place of less than 10 acres?
 On a place of 10 acres or more?

H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—

Less than \$50 (or None) \$2,500 to \$4,999
 \$50 to \$249 \$5,000 to \$9,999
 \$250 to \$2,499 \$10,000 or more

H24a. How many stories (floors) are in this building?

1 to 3 stories
 4 to 6 stories
 7 to 12 stories
 13 stories or more

b. If 4 or more stories—
 Is there a passenger elevator in this building?
 Yes No

H25a. Which fuel is used most for cooking?

Gas { From underground pipes serving the neighborhood.
 Bottled, tank, or LP.

Coal or coke
 Wood
 Electricity
 Fuel oil, kerosene, etc.
 Other fuel
 No fuel used

b. Which fuel is used most for house heating?

Gas { From underground pipes serving the neighborhood.
 Bottled, tank, or LP.

Coal or coke
 Wood
 Electricity
 Fuel oil, kerosene, etc.
 Other fuel
 No fuel used

c. Which fuel is used most for water heating?

Gas { From underground pipes serving the neighborhood.
 Bottled, tank, or LP.

Coal or coke
 Wood
 Electricity
 Fuel oil, kerosene, etc.
 Other fuel
 No fuel used

H26. How many bedrooms do you have?
Count rooms used mainly for sleeping even if used also for other purposes.

No bedroom 3 bedrooms
 1 bedroom 4 bedrooms
 2 bedrooms 5 bedrooms or more

H27a. Do you have a clothes washing machine?

Yes, automatic or semi-automatic
 Yes, wringer or separate spinner
 No

b. Do you have a clothes dryer?

Yes, electrically heated
 Yes, gas heated
 No

c. Do you have a dishwasher (*built-in or portable*)?
 Yes No

d. Do you have a home food freezer which is separate from your refrigerator?
 Yes No

H28a. Do you have a television set? *Count only sets in working order.*

Yes, one set
 Yes, two or more sets
 No

b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?
 Yes No

H29. Do you have a battery-operated radio?
Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.

Yes, one or more No

H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?
 Yes No

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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EDITING OF UNACCEPTABLE DATA	App-14
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SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

	<i>Male Head With Own Children Under 18</i>
1	1-person household
2	2-person household
3	3-person household
.	.
6	6-or-more-person household
	<i>Male Head Without Own Children Under 18</i>
7-12	1-person to 6-or-more-person households
	<i>Female Head</i>
13-18	1-person to 6-or-more-person households

STAGE II

	<i>Owner Occupied</i>
19	Negro
20	Not Negro
	<i>Renter Occupied</i>
21	Negro
22	Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

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

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

■ Series HC(1)-A.

GENERAL HOUSING CHARACTERISTICS

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

■ Series HC(1)-B.

DETAILED HOUSING CHARACTERISTICS

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

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III. BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

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

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I. CHARACTERISTICS OF THE POPULATION

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

■ Series PC(1)-A.

NUMBER OF INHABITANTS.

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

■ Series PC(1)-B.

GENERAL POPULATION CHARACTERISTICS

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

■ Series PC(1)-C.

GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume II.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

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

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

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

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

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

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

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

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Social and Economic Statistics Administration
BUREAU OF THE CENSUS
Washington, D.C. 20233

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1, 11, 19	VALUE
2, 12, 20	GROSS RENT
3, 13, 21	INCOME IN 1969
4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
5, 15, 23	ROOMS
6, 16, 24	UNITS IN STRUCTURE
7, 17, 25	HOUSEHOLD COMPOSITION
8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED
