

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

MEMPHIS, TENN. - ARK.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-130



1970 CENSUS OF HOUSING

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

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ACKNOWLEDGMENTS—Many persons participated in the various activities of the 1970 census. Primary direction of the program was performed by **Conrad Taeuber**, Associate Director for Demographic Fields, assisted by **David L. Kaplan**, 1970 Census Coordinator, and in conjunction with **Paul R. Squires**, Associate Director for Data Collection and Processing, and **Joseph Waksberg**, Acting Associate Director for Statistical Standards and Methodology.

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The procedures for sample selection, sample weighting, and computation of sampling variances were developed in the Statistical Methods Division, under the supervision of **Morton Boisen**, Acting Chief, and **Robert H. Hanson** and **Walter M. Perkins**, Assistant Division Chiefs, assisted by **William T. Alsbrooks**, **Peter A. Bounpane**, **Barbara A. Boyes**, and **Carlton W. Pruden**.

Geographic plans and procedures were developed in the Geography Division under the supervision of **William T. Fay**, then Chief, and **Robert C. Klova** and **Gerald J. Post**, Assistant Division Chiefs.

Data collection activities were administered by the Field Division, **Richard C. Burt**,

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The manual processing and microfilming of the questionnaires and the review of tabulation controls were performed in the Data Preparation Division (formerly Jeffersonville Census Operations Division), under the direction of **Robert L. Hagan**, then Chief, with the assistance of **Rex L. Pullin**. **William L. Pangburn** supervised the microfilming operation. **Dan N. Harding**, assisted by **Nora H. Shouse**, was responsible for the tabulation review work, in which **Peter J. Fronczek** also made important contributions.

FOSDIC and computer processing were performed in the Computer Services Division under the supervision of **James R. Pepal**, Chief, and **E. Richard Bourdon** and **James W. Shores**, Assistant Division Chiefs. Development of the FOSDIC equipment was directed by **William M. Gaines**, Assistant

Division Chief, and **McRae Anderson**. Development of the automatic microfilming equipment was directed by **Anthony A. Berlinsky**.

Publications planning, editing, composition, and printing procurement were performed in the Publications Services Division, under the direction of **Raymond J. Koski**, Acting Chief, by **Milton S. Andersen**, **Gerald A. Mann**, and **Wayne H. Massey**.

Important contributions were made by **Robert B. Voight** and **Sherry J. Courtland** in the planning and coordination of the 1970 census program; by **Lucille D. Catterton** in the planning of the tabular materials; and by **John W. H. Spencer**, **Sof Dolleck**, and **M. Douglas Fahey** in the systems design and operations for processing the census data.

SUGGESTED CITATION

U.S. Bureau of the Census
Census of Housing: 1970
**METROPOLITAN HOUSING
CHARACTERISTICS**
Final Report HC(2)-130
Memphis, Tenn.-Ark. SMSA
U.S. Government Printing Office
Washington, D.C. 1972

For sale by the
Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402, or any
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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	—	—	—	g ¹	9	9	—	—	—	9
UTILIZATION CHARACTERISTICS										
Number of rooms	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons)	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
PLUMBING CHARACTERISTICS										
Plumbing facilities	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
STRUCTURAL CHARACTERISTICS										
Units in structure	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure	—	2, 12*	—	—	—	—	—	—	—	—
EQUIPMENT AND APPLIANCES										
Heating equipment	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer	—	—	3, 13*	—	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS										
Value	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent as percentage of income by income	—	2	—	—	—	—	—	—	—	—
Sales price asked	—	—	—	10 ¹	—	—	—	—	9	—
Rent asked	—	—	—	10 ¹	—	10	—	—	9	—
Inclusion of utilities in rent	—	—	—	—	—	—	—	—	—	10
HOUSEHOLD CHARACTERISTICS										
Household composition by age of head	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

¹Vacant units tabulated by plumbing facilities only.

INTRODUCTION

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GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

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

Memphis, Tenn.-Ark.

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 130.]

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MAP

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

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NOTE

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

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

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

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	119 224	4 863	7 655	14 632	19 298	18 186	24 168	11 859	11 017	5 008	2 538	14 300
ROOMS												
1 and 2 rooms	493	168	74	63	81	52	28	10	6	7	4	7 700
3 rooms	2 202	932	574	314	129	69	39	15	24	15	7	5 700
4 rooms	11 146	1 779	2 790	3 459	1 917	579	381	143	45	39	14	8 200
5 rooms	33 427	1 072	2 429	6 543	9 108	6 961	5 913	966	287	83	65	11 800
6 rooms	35 824	619	1 279	3 193	5 969	7 563	10 799	4 083	1 748	438	133	14 800
7 rooms	22 224	211	338	798	1 615	2 244	5 232	5 004	5 268	1 176	338	20 700
8 rooms or more	13 908	82	171	262	479	718	1 716	1 614	3 639	3 250	1 977	30 300
Median	5.8	4.2	4.7	5.0	5.3	5.7	6.0	6.6	7.1	7.5+	7.5+	...
PERSONS												
1 person	10 679	1 183	1 390	1 860	1 921	1 520	1 587	538	420	152	108	11 200
2 persons	32 640	1 467	2 481	4 701	5 755	4 803	6 077	2 988	2 622	1 099	647	13 500
3 persons	23 615	605	1 099	2 603	3 722	4 066	5 180	2 668	2 224	1 058	390	14 800
4 persons	23 615	428	760	2 057	3 365	3 795	5 769	3 042	2 772	1 059	568	16 100
5 persons	14 167	301	485	1 302	2 077	1 960	3 218	1 544	1 857	969	454	16 300
6 persons or more	14 508	879	1 440	2 109	2 458	2 042	2 337	1 079	1 122	671	371	13 000
Median	3.2	2.4	2.5	3.2	3.0	3.2	3.4	3.4	3.6	3.7	3.7	...
Units with roomers, boarders, or lodgers	2 396	225	317	534	431	302	349	110	71	35	22	10 700
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	116 356	3 409	7 085	14 344	19 110	18 057	24 061	11 810	10 976	4 970	2 534	14 500
0.50 or less	60 018	1 656	3 616	7 019	9 069	8 761	11 733	6 360	6 417	3 465	1 922	15 000
0.51 to 1.00	48 417	1 121	2 104	5 531	8 252	8 129	11 454	5 253	4 493	1 477	603	14 700
1.01 to 1.50	3 977	6 052	1 395	1 418	1 418	1 746	173	173	62	11	5	10 600
1.51 or more	1 869	235	489	399	371	198	128	24	4	17	4	8 800
Lacking some or all plumbing facilities	2 868	1 454	570	288	188	129	187	49	41	38	4	5 000
0.50 or less	1 339	663	294	141	72	84	26	30	10	9	4	5 100
0.51 to 1.00	837	437	127	66	84	24	77	6	10	6	—	5000-
1.01 to 1.50	341	145	87	50	21	11	4	13	5	5	—	5 700-
1.51 or more	351	209	62	31	11	10	—	—	10	18	—	5000-
BEDROOMS												
None and 1	3 188	1 029	654	686	385	213	177	24	20	—	—	7 200
2	36 063	2 194	4 680	8 288	8 901	5 253	4 435	1 428	549	211	124	10 800
3	63 854	1 246	2 326	4 930	8 914	11 265	17 436	8 112	7 043	1 891	691	15 800
4 or more	15 887	285	465	764	1 038	1 116	2 237	1 926	3 479	2 930	1 647	25 300
YEAR STRUCTURE BUILT												
1969 to March 1970	3 149	19	64	87	96	209	713	447	889	386	239	24 300
1965 to 1968	14 208	95	127	210	336	1 091	4 102	2 997	3 343	1 379	528	21 900
1960 to 1964	17 824	229	279	851	1 826	2 853	4 933	2 959	2 433	1 089	372	17 600
1950 to 1959	43 952	905	1 919	5 905	8 979	8 425	9 283	3 592	2 877	1 385	682	13 800
1940 to 1949	19 836	1 456	2 359	3 952	4 292	3 091	2 544	878	664	333	267	11 300
1939 or earlier	20 255	2 159	2 907	3 627	3 769	2 517	2 593	986	811	436	450	11 000
COMPLETE BATHROOMS												
1 and 1 1/2	81 026	3 306	6 619	13 728	17 821	16 200	17 299	4 235	1 341	324	153	12 400
2 and 2 1/2	31 327	90	251	564	1 211	1 843	6 512	7 523	9 086	3 430	817	23 500
3 or more	3 841	13	28	50	24	41	123	188	537	1 227	1 610	46 200
None or also used by another household	3 146	1 441	588	334	285	168	154	77	50	43	6	5 600
HOUSEHOLD COMPOSITION												
Two-or-more-person households	108 545	3 680	6 265	12 772	17 377	16 666	22 581	11 321	10 597	4 856	2 430	14 600
Male head, wife present, no nonrelatives	93 456	2 388	4 557	10 225	14 665	14 614	20 118	10 329	9 852	4 480	2 228	15 100
Under 25 years	2 170	29	68	280	390	468	600	235	74	15	11	14 200
25 to 34 years	17 228	122	269	1 362	2 474	3 190	4 867	2 357	1 823	574	190	16 100
35 to 44 years	23 306	314	718	1 987	3 381	3 577	5 297	2 991	2 930	1 494	617	16 400
45 to 64 years	40 174	1 060	2 378	4 842	6 543	5 806	7 864	3 997	4 392	2 088	1 204	14 800
65 years and over	10 578	863	1 124	1 754	1 877	1 573	1 490	749	633	309	206	12 100
Other male head	3 347	247	338	541	592	484	541	205	227	106	66	12 300
Under 65 years	2 572	117	223	413	466	382	483	173	176	82	57	12 900
65 years and over	775	130	115	128	102	58	32	51	24	24	9	10 300
Female head	11 742	1 045	1 370	2 006	2 120	1 568	1 922	787	518	270	136	11 700
Under 65 years	8 869	711	1 300	1 567	1 649	1 215	1 519	592	416	222	78	11 900
65 years and over	2 873	334	470	439	471	353	403	195	102	48	58	11 000
One-person households	10 679	1 183	1 390	1 860	1 921	1 520	1 587	538	420	152	108	11 200
Under 65 years	5 410	461	534	888	1 040	909	871	303	265	88	51	12 000
65 years and over	5 269	722	856	972	881	611	716	235	155	64	57	10 200
INCOME IN 1969												
Less than \$2,000	10 653	1 881	1 955	2 143	1 655	1 038	973	369	339	193	107	9 200
\$2,000 to \$2,999	4 631	640	765	1 015	743	513	560	223	98	43	31	9 700
\$3,000 to \$3,999	4 788	630	630	956	943	732	618	201	109	64	26	10 800
\$4,000 to \$4,999	5 078	349	638	1 060	1 116	679	728	255	142	71	40	11 100
\$5,000 to \$5,999	5 811	303	654	1 183	1 214	924	901	312	215	73	32	11 600
\$6,000 to \$6,999	6 337	254	617	1 236	1 374	1 121	1 114	299	237	60	25	11 900
\$7,000 to \$9,999	22 904	603	1 245	3 515	5 159	4 500	4 922	1 685	918	241	117	13 000
\$10,000 to \$14,999	33 494	263	876	2 675	5 394	6 263	9 091	4 612	3 448	695	177	15 600
\$15,000 to \$24,999	19 177	51	257	776	1 573	2 179	4 757	3 229	4 068	1 816	471	20 000
\$25,000 or more	6 351	10	18	73	127	237	504	674	1 443	1 752	1 513	35 800
Median	\$9 900	\$2 900	\$4 700	\$6 800	\$8 500	\$9 700	\$11 200	\$12 800	\$15 000	\$20 900	\$31 500	...
YEAR MOVED INTO UNIT												
1969 to March 1970	13 044	197	320	1 144	1 625	1 793	2 955	1 719	2 031	787	473	17 300
1968	9 650	104	261	694	1 326	1 364	2 231	1 397	1 406	612	255	17 100
1967	8 201	122	284	747	1 078	1 131	2 004	1 034	1 170	450	181	16 800
1965 and 1966	15 511	291	521	1 518	2 201	2 426	3 450	2 042	1 878	934	250	16 000
1960 to 1964	24 562	741	1 224	2 827	3 533	4 089	5 698	2 730	2 218	996	506	14 900
1950 to 1959	32 039	1 495	2 569	4 922	6 405	5 285	5 656	2 302	1 790	951	664	12 800
1949 or earlier	16 333	1 900	2 307	2 824	3 173	2 164	2 094	799	521	294	257	10 900
HEATING EQUIPMENT												
Steam or hot water	6 014	104	192	365	1 133	1 086	1 324	569	536	351	354	15 400
Warm-air furnace	64 072	261	536	2 075	6 512	10 122	18 126	10 158	9 842	4 428	2 012	18 300
Built-in electric units	2 817	72	263	372	524	481	511	251	205	66	72	13 400
Floor, wall, or pipeless furnace												

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$89	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	92 439	9 607	6 545	9 856	9 710	17 535	12 184	12 722	7 209	2 396	278	4 397	89
ROOMS													
1 room	2 125	892	212	208	164	242	100	143	19	-	-	145	55
2 rooms	5 399	1 932	712	744	487	502	423	306	71	7	7	208	59
3 rooms	25 352	3 360	3 673	5 697	3 734	3 854	2 425	1 354	540	78	7	430	69
4 rooms	33 865	2 354	1 402	2 272	3 916	8 447	4 919	6 467	2 475	542	34	1 037	95
5 rooms	16 245	808	390	689	965	3 180	2 879	2 748	2 413	643	51	1 279	110
6 rooms	6 466	186	121	214	349	926	1 041	1 234	1 197	524	65	609	122
7 rooms	2 071	54	35	20	68	255	289	335	402	291	40	282	136
8 rooms or more	916	21	-	12	27	129	108	135	92	111	74	207	133
Median	3.9	3.1	3.1	3.2	3.6	4.0	4.1	4.2	4.7	5.2	6.1	4.6	...
PERSONS													
1 person	21 788	4 046	2 262	2 659	2 073	3 441	2 455	2 323	1 155	322	34	1 018	77
2 persons	25 330	2 083	1 569	2 547	2 343	4 767	3 600	4 579	2 153	614	93	982	95
3 persons	15 636	903	725	1 437	1 629	3 184	2 306	2 690	1 572	452	51	687	97
4 persons	10 930	774	610	989	1 073	2 143	1 478	1 690	1 153	420	32	568	96
5 persons	7 078	590	408	681	818	1 395	1 010	719	670	344	45	398	91
6 persons or more	11 677	1 211	971	1 543	1 774	2 605	1 335	721	506	244	23	744	80
Median	2.5	1.9	2.1	2.4	2.8	2.7	2.5	2.4	2.7	3.1	2.7	2.8	...
Units with roomers, boarders, or lodgers	2 882	243	213	336	303	553	386	473	264	51	-	60	89
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	85 563	6 563	5 543	9 249	9 374	17 109	12 041	12 629	7 179	2 391	265	3 220	91
0.50 or less	35 837	2 803	2 214	3 171	3 169	6 525	5 199	6 526	3 416	1 131	171	1 512	98
0.51 to 1.00	35 105	2 444	1 945	3 462	3 527	7 070	5 355	5 304	3 375	1 136	88	1 399	95
1.01 to 1.50	8 384	922	602	1 166	1 341	2 182	941	603	312	96	6	213	80
1.51 or more	6 237	394	782	1 450	1 337	1 332	546	196	76	28	-	96	73
Lacking some or all plumbing facilities	6 876	3 044	1 002	607	336	426	143	93	30	5	13	1 177	50-
0.50 or less	2 216	1 091	363	132	84	128	41	24	5	-	6	322	50-
0.51 to 1.00	2 566	1 293	284	237	114	139	31	47	25	-	7	409	50-
1.01 to 1.50	747	220	121	74	40	41	42	14	5	-	-	190	55
1.51 or more	1 347	440	234	164	98	118	29	8	-	-	-	256	55
BEDROOMS													
None	2 795	1 060	366	424	194	232	241	89	-	-	-	189	57
1	29 206	4 510	3 556	5 717	4 664	4 838	3 094	1 625	607	42	-	553	71
2	44 942	2 749	1 917	3 106	4 443	10 706	6 489	8 483	4 159	853	94	1 943	97
3 or more	15 759	1 139	504	539	915	2 127	2 013	2 358	2 602	1 370	158	2 034	116
YEAR STRUCTURE BUILT													
1969 to March 1970	3 679	330	76	77	106	297	230	903	1 065	517	36	42	143
1965 to 1968	12 349	319	173	228	344	1 357	1 935	4 425	2 409	767	115	277	131
1960 to 1964	12 005	398	392	755	907	2 173	2 400	2 571	1 479	512	46	372	110
1950 to 1959	20 902	1 544	1 361	2 474	2 472	4 558	3 423	2 375	1 267	398	29	1 001	89
1940 to 1949	18 530	2 297	1 740	2 718	2 557	4 238	2 187	1 204	437	79	9	1 064	78
1939 or earlier	24 974	4 719	2 803	3 604	3 324	4 912	2 009	1 244	552	123	43	1 641	72
ELEVATOR IN STRUCTURE													
4 floors or more	2 978	128	163	132	40	349	500	575	513	334	76	168	125
With elevator	2 895	108	140	110	22	349	500	575	513	334	76	168	127
Walk-up	83	20	23	22	18	-	-	-	-	-	-	-	...
1 to 3 floors	89 724	9 330	6 180	9 654	10 176	17 554	11 337	11 980	6 855	1 931	176	4 551	87
COMPLETE BATHROOMS													
1 and 1/2	79 306	6 246	5 486	8 908	8 880	16 633	11 934	12 119	5 682	999	26	2 393	90
2 or more	5 056	78	36	77	97	247	237	527	1 398	1 416	254	689	182
None or also used by another household	7 978	3 206	1 137	858	528	587	178	135	51	8	11	1 279	51
INCOME IN 1969													
Less than \$2,000	19 792	5 612	2 502	2 933	2 181	2 495	1 134	1 065	470	129	34	1 237	64
\$2,000 to \$2,999	8 069	1 322	951	1 231	1 115	1 458	623	600	259	40	-	470	73
\$3,000 to \$3,999	8 910	1 050	938	1 394	1 302	1 671	1 092	782	314	37	-	330	77
\$4,000 to \$4,999	8 435	536	640	1 129	1 187	2 080	1 110	1 021	327	41	5	359	84
\$5,000 to \$5,999	7 977	391	485	947	1 055	1 951	1 211	1 094	373	48	7	415	89
\$6,000 to \$6,999	7 355	272	308	666	783	1 840	1 305	1 279	539	73	-	290	96
\$7,000 to \$9,999	16 216	308	474	1 097	1 401	3 678	3 308	3 286	1 731	295	20	618	105
\$10,000 to \$14,999	11 192	97	199	414	553	1 861	1 894	2 696	2 083	852	39	504	124
\$15,000 to \$24,999	3 665	19	33	39	76	407	443	797	974	673	54	150	148
\$25,000 or more	828	-	15	6	57	94	64	102	139	208	119	24	173
Median	\$5 200	\$2 000-	\$2 800	\$3 500	\$4 200	\$5 500	\$6 700	\$7 500	\$9 300	\$13 100	\$21 300	\$4 400	...
YEAR MOVED INTO UNIT													
1969 to March 1970	39 863	2 366	1 899	2 939	3 463	7 200	6 654	7 695	4 837	1 545	171	1 094	105
1968	13 357	1 010	766	1 193	1 469	2 690	2 146	2 108	1 032	343	35	565	94
1967	7 869	773	540	849	821	1 818	1 065	1 102	381	168	44	308	88
1965 and 1966	10 901	1 385	976	1 570	1 228	2 447	1 188	964	490	157	15	481	80
1960 to 1964	10 581	1 840	1 116	1 809	1 472	1 936	758	586	291	171	20	582	72
1950 to 1959	7 037	1 446	1 048	1 184	814	1 039	434	248	70	32	-	722	66
1949 or earlier	2 732	710	314	299	238	337	104	78	30	7	6	609	61
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	6 843	1 103	728	931	832	1 620	688	487	288	138	28	...	78
10 to 14 percent	15 801	1 422	1 006	1 823	1 844	3 750	2 498	2 090	1 013	307	48	...	89
15 to 19 percent	16 364	1 218	893	1 512	1 652	3 327	2 801	2 748	1 581	580	52	...	97
20 to 24 percent	12 133	1 064	659	1 090	1 168	2 429	1 727	2 116	1 302	542	36	...	97
25 to 34 percent	12 759	1 557	882	1 156	1 289	2 210	1 805	2 181	1 280	365	34	...	93
35 percent or more	21 984	2 778	2 168	2 981	2 594	3 852	2 524	2 936	1 666	426	59	...	82
Not computed	6 555	465	209	363	331	347	141	164	79	38	21	4 397	71
AIR CONDITIONING													
Room unit(s)	33 506	1 089	1 267	2 833	3 594	10 006	6 239	4 051	2 274	425	45	1 683	94
Central system	19 798	74	32	101	220	893	3 600	7 629	4 449	1 932	235	613	138
None	39 036	8 367	5 340	6 909	5 691	6 568	2 510	1 101	408	66	11	2 065	67

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

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

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

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	129 947	12 733	5 351	5 515	5 837	6 598	7 151	24 929	35 284	19 934	6 615	9 600
ROOMS												
1 and 2 rooms	746	319	67	59	64	29	34	84	54	16	20	2 800
3 rooms	3 478	1 441	411	279	242	254	178	327	273	61	12	2 700
4 rooms	13 943	3 064	1 199	1 184	1 141	1 175	1 087	2 771	1 848	374	100	5 300
5 rooms	36 262	3 742	1 775	1 955	2 098	2 316	2 626	8 717	9 573	3 121	339	8 200
6 rooms	37 530	2 538	1 258	1 253	1 477	1 754	2 107	8 186	12 540	5 563	854	10 100
7 rooms or more	37 988	1 629	641	785	815	1 070	1 119	4 844	10 996	10 799	5 290	13 700
PERSONS												
1 person	12 977	5 842	1 536	1 184	798	892	549	1 150	659	248	119	2 400
2 persons	35 914	3 884	2 125	2 128	2 319	2 342	2 428	6 677	8 280	4 171	1 560	8 200
3 and 4 persons	50 429	1 911	1 103	1 319	1 563	2 033	2 406	10 769	16 802	9 672	2 851	11 200
5 persons	14 897	422	186	242	377	516	665	2 980	5 041	3 310	1 158	12 000
6 persons or more	15 730	674	401	642	780	815	1 103	3 353	4 502	2 533	927	10 100
Units with roomers, boarders, or lodgers	2 887	973	263	253	262	171	159	424	198	148	36	3 800
BEDROOMS												
Less than 3	45 537	8 575	3 583	2 819	3 103	2 790	3 849	8 696	8 551	2 823	748	6 500
3	67 120	3 448	1 794	2 078	2 321	2 440	3 064	13 498	23 830	11 828	2 819	11 000
4 or more	17 273	747	277	421	366	458	680	2 181	4 011	5 048	3 084	14 400
YEAR STRUCTURE BUILT												
1969 to March 1970	3 781	174	111	94	148	196	236	658	1 126	739	299	11 200
1960 to 1968	34 545	1 313	503	715	840	1 202	1 516	6 583	12 060	7 408	2 405	11 900
1950 to 1959	45 974	2 835	1 465	1 956	1 956	2 285	2 454	9 772	13 670	7 613	2 288	10 200
1949 or earlier	45 647	8 411	3 272	3 070	2 893	2 915	2 945	7 916	8 428	4 174	1 623	6 800
YEAR MOVED INTO UNIT												
1969 to March 1970	14 619	913	417	554	654	792	1 123	3 224	4 135	2 088	719	9 700
1968	10 658	601	229	260	313	536	551	2 257	3 551	1 789	571	10 800
1960 to 1967	51 592	3 332	1 334	1 845	2 029	2 465	2 611	10 458	15 500	9 045	2 973	10 600
1959 or earlier	53 074	7 926	3 299	2 865	2 845	3 093	2 735	9 122	11 837	6 985	2 367	8 200
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	104 313	5 816	3 306	3 363	3 945	4 165	5 738	20 460	32 752	18 401	6 367	10 800
Clothes dryer	57 050	1 993	918	972	1 056	1 117	1 117	9 551	20 206	13 739	5 508	12 700
Dishwasher	35 002	1 014	424	445	585	606	1 114	4 094	10 908	10 644	5 168	14 200
Home food freezer	51 635	3 405	1 795	1 926	1 773	1 811	1 811	2 813	8 964	8 588	3 417	10 800
Owned second home	4 452	252	114	83	141	163	180	504	1 302	869	844	13 000
With air conditioning	112 591	6 911	3 508	4 114	4 498	5 388	5 843	22 747	33 512	19 494	6 576	10 500
Room unit(s)	75 853	5 799	3 030	3 482	3 841	4 399	4 958	17 981	21 815	9 035	1 513	9 100
Central system	36 738	1 112	478	632	657	989	885	4 766	11 697	10 459	5 063	13 800
Automobiles available:												
1	53 248	5 109	2 775	3 287	3 511	4 445	4 240	13 402	12 285	3 581	613	7 700
2	53 936	1 188	597	828	1 133	1 487	2 006	9 855	19 726	12 778	4 338	12 500
3 or more	8 887	131	96	73	107	137	134	803	2 412	3 358	1 636	16 600
Renter occupied housing units	96 835	21 348	8 619	9 397	8 740	8 248	7 606	16 720	11 525	3 783	849	5 000
ROOMS												
1 room	2 147	851	312	236	170	114	107	223	86	22	26	2 700
2 rooms	5 636	2 596	602	622	411	357	334	444	190	60	26	2 400
3 rooms	26 292	8 319	3 252	3 140	2 743	2 146	1 699	3 238	1 345	319	91	3 500
4 rooms	35 629	6 315	2 917	3 455	3 614	3 484	3 153	6 867	4 398	1 233	193	5 400
5 rooms	16 950	2 159	1 051	1 293	1 207	1 429	1 667	3 794	3 094	1 000	256	6 800
6 rooms or more	10 181	1 108	485	651	595	724	646	2 154	2 412	1 149	257	8 200
PERSONS												
1 person	22 437	9 654	2 415	2 216	1 754	1 388	1 222	2 208	1 043	381	156	2 600
2 persons	26 226	4 827	2 617	2 513	2 470	2 320	1 909	4 579	3 427	1 287	277	5 300
3 and 4 persons	27 818	3 566	1 972	2 355	2 521	2 678	2 660	5 989	4 436	1 361	280	6 300
5 persons	7 503	1 098	518	693	4 772	636	657	1 642	1 152	375	60	6 200
6 persons or more	12 851	2 203	1 097	1 620	1 323	1 226	1 158	2 302	1 467	379	76	5 100
Units with roomers, boarders, or lodgers	2 994	1 244	259	365	355	191	126	290	118	41	5	3 000
BEDROOMS												
None	2 811	1 133	356	408	219	104	123	235	208	25	-	2 800
1	29 936	9 361	3 578	3 354	3 017	2 755	2 057	3 785	1 389	529	111	3 600
2	47 143	8 477	3 785	4 044	4 830	4 162	3 888	9 076	6 541	1 932	408	5 600
3 or more	16 962	2 269	935	1 304	858	1 323	1 499	3 527	3 648	1 318	281	7 200
YEAR STRUCTURE BUILT												
1969 to March 1970	3 784	474	276	225	296	301	198	708	852	394	60	7 500
1960 to 1968	24 868	2 803	1 692	1 823	2 127	2 177	2 381	5 429	4 353	1 684	399	6 800
1950 to 1959	21 734	4 071	1 623	2 287	1 943	1 990	1 894	4 299	2 738	1 699	190	5 500
1949 or earlier	46 449	14 000	5 028	5 062	4 374	3 780	3 133	6 284	3 582	1 006	200	3 800
YEAR MOVED INTO UNIT												
1969 to March 1970	41 101	7 186	3 448	3 867	3 897	3 549	3 670	7 944	5 378	1 792	370	5 600
1968	13 938	2 372	956	1 300	1 228	1 402	1 151	2 695	2 131	577	126	5 800
1960 to 1967	31 052	7 583	3 156	3 136	2 788	2 493	2 312	4 926	3 259	1 089	310	4 600
1959 or earlier	10 748	4 241	992	1 184	828	751	511	1 237	695	252	57	3 100
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	92 439	19 792	8 069	8 910	8 435	7 977	7 355	16 216	11 192	3 665	828	5 100
Less than 15 percent	22 644	55	221	638	744	1 449	1 833	7 041	6 954	2 948	761	9 700
15 to 19 percent	16 364	292	502	968	1 849	2 269	2 372	4 943	2 645	497	27	7 000
20 to 24 percent	12 133	616	651	1 831	2 188	1 801	1 588	2 502	879	66	11	5 400
25 to 34 percent	12 759	1 551	2 102	2 853	2 262	1 687	1 103	1 002	195	4	-	4 000
35 percent or more	21 984	13 883	4 123	2 290	1 033	356	169	110	15	-	-	2000-
Not computed	6 555	3 395	470	330	359	415	290	618	504	150	24	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	33 192	3 703	1 658	2 525	2 458	3 008	3 198	7 900	6 332	1 861	549	7 000
Clothes dryer	10 319	799	333	365	496	850	946	2 502	2 671	1 064	293	8 600
Dishwasher	14 543	810	496	667	859	1 069	1 154	3 247	3 886	1 975	380	9 000
Home food freezer	12 896	2 177	936	1 134	1 093	1 171	892	2 555	2 189	650	99	5 900
Owned second home	2 187	197	75	125	148	186	86	299	762	224	85	9 800
With air conditioning	54 544	6 025	3 375	4 197	4 642	4 931	5 130	12 326	9 671	3 461	786	6 800
Room unit(s)	34 459	4 508	2 305	3 192	3 345	3 448	3 337	7 604	5 058	1 420	242	6 100
Central system	20 085	1 517	1 070	1 005	1 297	1 483	1 793	4 722	4 613	2 041	544	8 200
Automobiles available:												

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

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

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	129 947	126 314	65 510	51 924	6 713	2 167	3 633	1 742	1 065	398	421
PERSONS											
1 person	12 977	11 956	11 918	38	-	-	1 021	1 002	19	-	-
2 persons	35 914	34 972	33 726	1 198	-	48	942	661	272	-	9
3 persons	25 461	25 053	15 199	9 801	43	10	408	76	323	9	10
4 persons	24 968	24 672	3 405	20 949	256	62	296	3	270	13	22
5 persons	14 897	14 717	1 262	12 560	752	143	180	-	104	54	367
6 persons or more	15 730	14 944	-	7 378	5 662	1 904	786	-	77	322	7.5+
Median	3.1	3.1	2.1	4.2	6.6	7.5+	2.3	1.4	3.2	6.7	4
Units with roomers, boarders, or lodgers	2 887	2 734	1 350	1 156	159	69	153	41	84	24	4
YEAR STRUCTURE BUILT											
1969 to March 1970	3 650	3 635	1 640	1 729	193	73	15	-	15	-	-
1965 to 1968	15 587	15 484	6 701	8 189	502	92	103	48	35	6	14
1960 to 1964	18 892	18 711	8 382	9 351	834	144	181	49	61	57	14
1950 to 1959	46 180	45 274	20 928	20 613	2 873	860	906	328	288	139	151
1940 to 1949	21 720	20 653	12 212	6 633	1 307	501	1 067	527	343	75	122
1939 or earlier	23 914	22 570	15 305	5 680	1 076	509	1 344	806	322	99	117
INCOME IN 1969											
Less than \$2,000	12 733	11 013	8 579	1 930	313	191	1 720	1 161	420	86	53
\$2,000 to \$2,999	5 351	4 936	3 578	1 057	187	114	415	174	116	38	87
\$3,000 to \$3,999	5 515	5 262	3 414	1 329	327	192	257	97	87	24	45
\$4,000 to \$4,999	5 837	5 580	3 285	1 665	453	177	257	70	69	76	42
\$5,000 to \$5,999	6 598	6 413	3 638	2 120	489	166	185	67	65	27	28
\$6,000 to \$6,999	7 151	6 954	3 543	2 596	583	232	197	60	65	27	45
\$7,000 to \$9,999	24 929	24 637	10 666	11 564	1 892	515	292	45	103	61	83
\$10,000 to \$14,999	35 284	35 038	14 905	18 023	1 696	414	246	52	109	50	35
\$15,000 to \$24,999	19 934	19 899	9 598	9 477	667	157	35	16	19	-	-
\$25,000 or more	6 615	6 582	4 304	2 163	106	9	33	-	14	9	10
Median	\$9 600	\$9 800	\$8 900	\$11 000	\$8 600	\$7 100	\$2 200	\$2000-	\$3 000	\$4 700	\$4 700
VALUE-INCOME RATIO											
Specified owner occupied ¹	119 224	116 356	60 018	48 417	6 052	1 869	2 868	1 339	837	341	351
Less than 1.5	53 074	52 149	21 866	25 294	3 843	1 146	925	217	321	180	207
1.5 to 1.9	23 350	23 047	11 315	10 527	943	262	303	101	108	37	57
2.0 to 2.4	12 779	12 583	6 708	5 306	401	168	196	97	67	21	11
2.5 to 2.9	7 396	7 205	4 282	2 615	241	67	191	95	45	32	19
3.0 to 3.9	7 273	6 961	4 675	1 973	239	74	312	213	66	14	19
4.0 or more	13 877	13 062	10 166	2 405	345	146	815	513	212	52	38
Not computed	1 475	1 349	1 006	297	40	6	126	103	18	5	-
HEATING EQUIPMENT											
Steam or hot water	6 940	6 837	5 238	1 296	221	82	103	46	47	-	10
Warm-air furnace	47 508	47 332	33 312	31 188	2 398	434	176	78	73	15	10
Built-in electric units	3 407	3 357	1 477	1 535	258	87	50	9	20	12	9
Floor, wall, or pipeless furnace	32 306	32 044	16 961	12 107	2 211	765	262	172	49	30	11
Other means	19 717	16 713	8 514	5 781	1 625	793	3 004	1 423	857	341	383
None	69	31	8	17	-	6	38	14	19	-	5
Renter occupied housing units	96 835	87 911	36 639	36 086	8 739	6 447	8 924	2 798	3 161	1 097	1 864
PERSONS											
1 person	22 437	19 532	18 546	986	-	-	2 905	2 049	836	-	-
2 persons	26 226	24 448	16 223	8 130	-	95	1 778	701	995	-	82
3 persons	16 241	15 364	1 640	13 480	208	36	877	23	712	118	24
4 persons	11 577	10 840	1 955	8 730	1 788	127	737	5	423	224	85
5 persons	7 503	6 911	35	3 424	2 250	1 202	592	-	105	274	213
6 persons or more	12 851	10 816	-	1 336	4 493	4 987	2 035	-	90	481	1 464
Median	2.5	2.5	1.5	3.2	5.5	7.0	2.4	1.2	2.2	5.3	7.2
Units with roomers, boarders, or lodgers	2 994	2 709	1 009	1 335	213	152	285	45	117	31	92
YEAR STRUCTURE BUILT											
1969 to March 1970	3 669	3 608	1 636	1 664	236	72	61	33	20	8	-
1965 to 1968	12 465	12 347	6 348	5 064	700	235	118	34	49	27	8
1960 to 1964	12 320	12 029	5 394	4 959	1 106	570	291	74	133	33	51
1950 to 1959	21 622	20 358	6 674	9 484	2 377	1 823	1 264	311	380	241	332
1940 to 1949	19 643	17 365	6 586	6 911	2 138	1 730	2 278	711	757	300	510
1939 or earlier	27 120	22 228	10 263	7 602	2 234	2 129	4 892	1 587	1 847	474	984
INCOME IN 1969											
Less than \$2,000	21 348	16 951	9 419	4 895	1 430	1 207	4 397	2 016	1 419	357	605
\$2,000 to \$2,999	8 619	7 294	3 266	2 762	640	626	1 325	306	505	194	320
\$3,000 to \$3,999	9 397	8 399	3 268	3 176	1 072	883	998	189	450	122	237
\$4,000 to \$4,999	8 740	8 113	3 117	3 201	983	812	627	80	228	89	230
\$5,000 to \$5,999	8 248	7 721	2 905	3 269	812	735	527	74	198	129	126
\$6,000 to \$6,999	7 606	7 314	2 537	3 359	815	603	292	36	99	63	94
\$7,000 to \$9,999	16 720	16 224	5 561	7 896	1 715	1 052	496	53	202	67	174
\$10,000 to \$14,999	11 525	11 284	4 353	5 480	1 031	420	241	44	47	68	82
\$15,000 to \$24,999	3 783	3 768	1 745	1 752	194	77	15	-	7	8	-
\$25,000 or more	849	843	468	296	47	32	6	-	6	-	-
Median	\$5 000	\$5 400	\$4 800	\$6 200	\$5 300	\$4 600	\$2 000	\$2000-	\$2 300	\$3 000	\$3 000
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	92 439	85 363	35 837	35 105	8 384	6 237	6 876	2 216	2 566	747	1 347
Less than 10 percent	6 843	6 272	1 982	2 661	904	725	571	75	247	79	170
10 to 14 percent	15 801	14 923	5 091	6 884	1 713	1 235	878	193	385	112	188
15 to 19 percent	16 364	15 687	5 476	7 394	1 768	1 049	677	141	312	80	144
20 to 24 percent	12 133	11 694	4 729	4 913	1 202	850	439	112	172	61	94
25 to 34 percent	12 759	11 989	5 206	5 094	968	721	770	296	304	77	93
35 percent or more	21 984	19 836	10 917	6 070	1 457	1 392	2 148	1 007	658	137	346
Not computed	6 555	5 162	2 436	2 089	372	265	1 393	392	488	201	312
HEATING EQUIPMENT											
Steam or hot water	7 370	6 922	4 241	2 062	323	296	448	97	340	-	11
Warm-air furnace	28 253	27 909	13 580	12 416	1 518	395	344	107	183	5	49
Built-in electric units	7 475	7 349	3 015	3 207	696	431	126	25	53	31	17
Floor, wall, or pipeless furnace	21 315	20 952	7 495	9 084	2 521	1 852	323	131	118	59	55
Other means	32 071	24 695	8 283	9 292	3 663	3 457	7 376	2 373	2 381	952	1 670
None	351	84	25	25	18	16	267	65	86	50	66

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	129 947	159	587	3 478	13 943	36 262	37 530	23 259	14 729	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	125 716	161	352	2 704	12 434	35 750	36 601	22 972	14 742	5.8
PERSONS										
1 person	12 977	57	257	1 178	2 690	4 405	2 789	959	642	5.0
2 persons	35 914	57	184	1 284	4 987	11 501	10 110	5 349	2 438	5.5
3 persons	25 461	10	52	407	2 613	7 104	7 723	5 160	2 392	5.8
4 persons	24 968	20	52	269	1 451	6 404	7 777	5 587	3 408	6.1
5 persons	14 897	11	15	139	806	3 446	4 390	3 206	2 884	6.2
6 persons or more	15 730	4	25	201	1 394	3 402	4 741	2 998	2 965	6.1
Median	3.1	1.9	1.7	1.9	2.4	2.8	3.3	3.5	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	126 314	131	342	2 833	12 686	35 494	37 084	23 106	14 638	5.8
0.50 or less	65 510	-	104	901	7 012	15 519	20 459	11 408	10 107	6.0
0.51 to 1.00	51 924	38	122	1 418	3 808	16 723	14 265	11 176	4 374	5.8
1.01 to 1.50	6 713	-	43	256	1 183	2 604	2 035	446	146	5.2
1.51 or more	2 167	93	73	258	683	648	325	76	11	4.5
Lacking some or all plumbing facilities	3 633	28	245	645	1 257	768	446	153	91	4.2
0.50 or less	1 742	-	153	277	667	387	163	60	35	4.2
0.51 to 1.00	1 065	19	64	273	256	231	120	66	36	4.2
1.01 to 1.50	398	-	9	13	118	91	126	21	20	5.1
1.51 or more	428	9	19	82	216	59	37	6	-	4.0
BEDROOMS										
None and 1	4 799	123	554	2 111	7 139	522	266	18	66	3.3
2	40 738	-	-	1 545	11 861	17 200	8 393	1 391	348	4.9
3	67 120	-	-	-	1 155	17 433	27 779	17 496	3 257	6.0
4 or more	17 273	-	-	-	-	147	1 979	4 307	10 840	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	3 781	5	-	78	316	826	854	797	905	6.3
1960 to 1968	34 545	24	54	431	1 774	7 472	10 086	8 979	5 725	6.2
1950 to 1959	45 974	26	173	703	4 809	14 623	14 966	7 482	3 192	5.7
1949 or earlier	45 647	104	360	2 266	7 044	13 341	11 624	6 001	4 907	5.5
COMPLETE BATHROOMS										
1 and 1 1/2	88 934	128	317	2 498	12 118	33 297	28 055	9 659	2 862	5.4
2 or more	36 991	33	41	237	354	2 506	8 579	13 354	11 887	7.0
None or also used by another household	4 018	26	241	672	1 353	858	560	207	101	4.3
VALUE-INCOME RATIO										
Specified owner occupied ¹	119 224	93	400	2 202	11 146	33 427	35 824	22 224	13 908	5.8
Less than 1.5	53 074	36	142	705	5 160	16 541	16 496	8 952	5 042	5.7
1.5 to 1.9	23 350	10	35	305	1 421	5 935	7 613	5 093	2 938	6.0
2.0 to 2.9	20 175	20	27	283	1 502	4 493	5 745	4 676	3 429	6.2
3.0 or more	21 150	22	176	776	2 782	6 048	5 618	3 310	2 418	5.6
Not computed	1 475	5	20	133	281	410	352	193	81	5.2
Renter occupied housing units	96 835	2 147	5 636	26 292	35 629	16 950	6 878	2 275	1 028	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	85 816	699	3 681	23 222	32 720	15 975	6 346	2 244	929	4.0
PERSONS										
1 person	22 437	1 822	3 489	9 259	5 705	1 476	454	154	78	3.1
2 persons	26 226	177	1 324	7 801	11 249	4 055	1 148	352	120	3.8
3 persons	16 241	60	326	3 369	7 326	3 497	1 164	362	137	4.1
4 persons	11 577	30	182	2 012	4 688	2 868	1 226	371	200	4.3
5 persons	7 503	22	133	1 260	2 524	2 027	999	378	160	4.4
6 persons or more	12 851	36	182	2 591	4 137	3 027	1 887	658	333	4.4
Median	2.5	1.1	1.3	2.0	2.6	3.3	4.0	4.2	4.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	87 911	1 164	4 060	23 767	32 969	16 184	6 569	2 210	988	4.0
0.50 or less	36 639	-	2 506	8 564	16 141	5 341	2 700	841	546	3.9
0.51 to 1.00	36 086	986	1 022	10 213	11 311	8 193	2 771	1 175	415	4.0
1.01 to 1.50	8 739	-	208	1 788	3 496	1 979	924	121	23	4.1
1.51 or more	6 447	178	324	3 202	1 821	671	174	73	4	3.3
Lacking some or all plumbing facilities	8 924	983	1 576	2 525	2 660	1 821	766	309	65	4.0
0.50 or less	2 798	-	983	695	813	190	66	27	24	3.1
0.51 to 1.00	3 161	836	302	957	703	199	119	34	11	3.0
1.01 to 1.50	1 097	-	118	224	469	181	96	4	5	3.9
1.51 or more	1 868	147	173	649	675	196	28	-	-	3.4
BEDROOMS										
None	2 811	2 173	451	187	-	-	-	-	-	1.1
1	29 936	-	5 211	20 590	3 790	242	65	-	38	3.0
2	47 143	-	-	4 763	30 845	9 512	1 571	362	90	4.1
3 or more	16 962	-	-	-	1 118	7 434	5 410	1 984	1 016	5.5
YEAR STRUCTURE BUILT										
1969 to March 1970	3 784	18	47	464	1 972	1 018	188	52	25	4.2
1960 to 1968	24 868	313	749	5 295	12 546	3 947	1 408	427	183	4.0
1950 to 1959	21 734	313	763	5 843	7 289	4 654	2 072	612	188	4.0
1949 or earlier	46 449	1 503	4 077	14 690	13 822	7 331	3 210	1 184	632	3.7
COMPLETE BATHROOMS										
1 and 1 1/2	81 568	1 067	3 812	23 264	32 087	14 372	5 171	1 453	342	3.9
2 or more	5 235	41	63	154	729	1 657	1 196	791	604	5.5
None or also used by another household	10 036	989	1 757	3 028	2 944	838	366	62	52	3.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	92 439	2 125	5 399	25 352	33 865	16 245	6 466	2 071	916	3.9
Less than 10 percent	6 843	259	393	1 925	2 288	1 276	432	178	92	3.9
10 to 14 percent	15 801	286	732	3 621	6 377	3 090	1 226	300	169	4.0
15 to 19 percent	16 364	213	701	3 799	6 503	3 209	1 289	514	136	4.0
20 to 24 percent	12 133	169	441	3 147	4 859	2 252	933	254	78	4.0
25 to 34 percent	12 759	289	776	3 690	4 837	2 004	892	193	78	3.8
35 percent or more	21 984	636	1 930	7 748	7 343	2 848	1 010	322	147	3.6
Not computed	6 555	273	426	1 422	1 658	1 566	684	310	216	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-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

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

The SMSA

	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	129 947	123 492	4 086	2 369	96 835	40 290	14 801	8 944	11 514	10 420	10 238	628
ROOMS												
1 room	159	97	41	21	2 147	315	140	173	228	390	901	—
2 rooms	587	428	92	67	5 636	1 676	775	633	531	822	1 150	49
3 rooms	4 478	2 380	731	367	26 292	8 702	6 340	2 602	2 531	2 975	2 905	237
4 rooms	13 943	11 678	1 125	1 140	35 629	11 644	4 760	3 660	6 306	4 884	4 148	227
5 rooms	36 262	34 568	1 027	667	16 950	9 691	2 124	1 514	1 473	1 145	894	109
6 rooms	37 530	36 939	525	66	6 878	5 536	446	267	331	131	167	—
7 rooms	23 259	22 946	276	37	2 275	1 862	157	70	81	46	59	—
8 rooms or more	14 729	14 456	269	4	1 028	864	59	25	33	27	14	6
Median	5.8	5.8	4.6	4.1	3.9	4.3	3.5	3.8	3.9	3.7	3.5	3.6
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	126 314	120 196	3 788	2 330	87 911	34 187	14 028	8 439	11 105	9 788	9 750	614
0.50 or less	65 510	62 064	2 477	969	36 639	11 840	5 378	3 652	5 099	4 520	5 966	184
0.51 to 1.00	51 924	49 780	1 033	1 111	36 086	15 112	5 707	3 532	4 334	3 775	3 301	325
1.01 to 1.50	6 713	6 323	190	200	8 739	4 193	1 403	669	1 091	1 042	261	80
1.51 or more	2 167	2 029	88	50	6 447	3 042	1 540	586	581	451	222	25
Lacking some or all plumbing facilities	3 633	3 296	298	39	8 924	6 103	773	505	409	632	488	14
0.50 or less	1 742	1 553	181	8	2 798	1 902	291	170	135	172	128	—
0.51 to 1.00	1 065	952	89	24	3 161	1 828	279	185	206	347	310	6
1.01 to 1.50	398	386	12	—	1 097	914	56	48	13	47	19	—
1.51 or more	428	405	16	7	1 868	1 459	147	102	55	66	31	8
BEDROOMS												
None	143	86	57	—	2 811	426	370	194	456	524	841	—
1	4 656	3 316	1 186	154	29 936	9 065	6 614	3 150	3 183	3 864	3 978	82
2	40 738	37 449	1 851	1 438	47 143	18 489	6 758	4 859	6 853	5 133	4 584	467
3	67 120	65 737	700	683	14 489	10 690	857	835	1 063	657	301	86
4 or more	17 273	16 873	386	14	2 473	1 834	142	62	267	112	40	16
YEAR STRUCTURE BUILT												
1969 to March 1970	3 781	3 273	44	464	3 784	705	282	683	819	640	599	56
1965 to 1968	15 652	14 489	167	996	12 561	2 240	824	1 284	3 477	2 228	2 350	158
1960 to 1964	18 893	18 218	161	514	12 307	3 354	1 045	786	1 904	1 985	3 015	218
1950 to 1959	45 974	45 124	604	246	21 734	11 210	3 852	1 721	1 868	1 514	1 427	142
1940 to 1949	21 783	20 758	934	91	19 687	10 205	4 209	1 645	1 331	1 576	689	32
1939 or earlier	23 864	21 630	2 176	58	26 762	12 576	4 589	2 825	2 115	2 477	2 158	22
INCOME IN 1969												
Less than \$2,000	12 733	11 438	1 079	216	21 348	9 484	3 302	1 969	2 423	2 407	1 658	105
\$2,000 to \$2,999	5 351	4 860	363	128	8 619	3 498	1 518	719	980	1 055	803	46
\$3,000 to \$3,999	5 515	5 059	322	134	9 397	3 549	1 730	960	1 036	1 202	834	86
\$4,000 to \$4,999	5 837	5 336	323	178	8 740	3 239	1 491	937	1 074	1 010	930	59
\$5,000 to \$5,999	6 598	6 085	282	231	8 248	3 249	1 438	854	971	878	786	72
\$6,000 to \$6,999	7 151	6 596	310	245	7 606	3 039	1 151	624	994	843	884	71
\$7,000 to \$9,999	24 929	23 747	552	630	16 720	7 051	2 469	1 453	1 942	1 674	2 025	106
\$10,000 to \$14,999	35 284	34 276	521	487	11 525	5 213	1 335	960	1 561	978	1 416	62
\$15,000 to \$24,999	19 934	19 568	266	100	3 783	1 639	263	392	484	293	691	21
\$25,000 or more	6 615	6 527	68	20	849	329	104	76	49	80	211	—
Median	\$9 600	\$9 800	\$4 900	\$7 300	\$5 000	\$5 100	\$4 600	\$4 900	\$5 300	\$4 500	\$6 100	\$5 300
YEAR MOVED INTO UNIT												
1969 to March 1970	14 619	13 382	426	811	41 101	14 614	6 016	4 339	5 722	4 888	5 054	468
1968	10 658	9 949	272	437	13 938	5 661	2 304	1 310	1 853	1 354	1 423	33
1967	8 754	8 423	146	185	8 312	3 730	1 426	660	886	748	828	34
1965 and 1966	16 697	15 846	455	396	11 452	5 155	1 722	915	1 114	1 236	1 284	26
1960 to 1964	26 141	25 230	589	322	11 288	5 260	1 948	793	1 083	1 098	1 087	19
1950 to 1959	33 150	32 137	875	138	7 127	3 486	1 013	649	625	819	503	32
1949 or earlier	19 924	18 582	1 291	51	3 621	2 267	458	201	246	257	185	7
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	92 439	35 894	14 801	8 944	11 514	10 420	10 238	628
Less than \$50 .....	...	...	...	...	9 607	2 894	997	913	1 842	2 206	694	61
\$50 to \$59 .....	...	...	...	...	6 545	2 717	1 440	696	681	677	291	43
\$60 to \$69 .....	...	...	...	...	9 856	3 881	2 607	1 118	878	871	484	17
\$70 to \$79 .....	...	...	...	...	9 710	3 748	2 572	1 063	846	897	546	38
\$80 to \$99 .....	...	...	...	...	17 535	6 602	3 619	2 044	1 817	1 596	1 773	84
\$100 to \$119 .....	...	...	...	...	12 184	4 783	1 847	820	1 419	1 450	1 805	60
\$120 to \$149 .....	...	...	...	...	12 722	3 873	796	954	2 658	1 736	2 453	252
\$150 to \$199 .....	...	...	...	...	7 209	2 885	446	945	938	719	1 260	16
\$200 to \$299 .....	...	...	...	...	2 396	996	150	166	287	196	601	—
\$300 or more .....	...	...	...	...	278	113	23	5	11	—	126	—
No cash rent .....	...	...	...	...	4 397	3 402	304	220	137	72	205	57
Median .....	...	...	...	...	\$89	\$88	\$79	\$85	\$95	\$86	\$114	\$114
HEATING EQUIPMENT												
Steam or hot water	6 940	6 224	706	10	7 370	1 327	822	1 213	1 143	1 179	1 675	11
Warm-air furnace	67 508	65 291	728	1 489	28 253	8 147	2 326	2 871	5 236	3 831	5 564	278
Built-in electric units	3 407	3 155	148	104	7 475	2 112	882	889	1 344	1 147	1 073	28
Floor, wall, or pipeless furnace	32 306	30 721	1 356	229	21 315	10 262	5 418	1 473	1 667	1 561	909	25
Other means	19 717	18 035	1 145	537	32 071	18 174	5 318	2 475	2 124	2 687	1 007	286
None	69	66	3	—	351	268	35	23	—	15	10	—
AIR CONDITIONING												
Room unit(s)	75 853	71 830	2 585	1 438	34 459	15 463	6 544	3 062	3 000	2 859	3 159	372
Central system	36 738	36 018	283	437	20 085	3 421	870	1 928	4 692	3 527	5 579	68
None	17 352	15 701	1 186	465	42 295	21 289	7 473	3 877	3 837	4 014	1 626	179
AUTOMOBILES AVAILABLE												
1	53 248	49 832	2 033	1 383	46 007	18 106	6 901	4 433	5 439	4 881	5 811	436
2	53 936	52 479	752	705	14 913	7 301	1 608	1 172	2 051	1 071	1 649	61
3 or more	8 887	8 709	84	94	1 442	795	127	141	110	148	121	—
None	13 872	12 529	1 185	158	34 477	13 971	6 251	3 121	3 929	4 300	2 783	122

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

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

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

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	129 947	2 561	18 326	24 461	42 778	11 968	2 882	909	9 803	3 282	6 584	6 393
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	126 314	2 532	18 227	24 193	42 009	11 422	2 808	825	9 345	2 997	6 274	5 682
0.50 or less	65 510	1 213	4 959	5 841	23 522	8 849	1 470	592	5 052	2 094	6 262	5 656
0.51 to 1.00	51 924	1 180	11 945	15 291	15 780	2 247	1 111	170	3 411	751	12	26
1.01 to 1.50	6 713	125	1 134	2 295	2 004	235	161	46	613	100	—	—
1.51 or more	2 167	14	189	766	703	91	66	17	269	52	—	—
Lacking some or all plumbing facilities	3 633	29	99	268	769	546	74	84	458	285	310	711
0.50 or less	1 742	—	16	25	162	256	27	24	70	160	306	696
0.51 to 1.00	1 065	29	50	51	333	214	18	49	212	90	4	15
1.01 to 1.50	398	—	26	87	127	40	14	6	72	24	—	—
1.51 or more	428	—	7	105	147	36	15	5	104	9	—	—
UNITS IN STRUCTURE												
1	123 492	2 219	17 548	23 980	41 527	11 262	2 697	831	9 172	3 030	5 677	5 549
2 or more	4 086	41	217	170	760	584	142	78	525	242	592	733
Mobile home or trailer	2 369	301	561	311	491	120	43	—	106	10	315	111
INCOME IN 1969												
Less than \$2,000	12 733	144	243	367	1 151	1 847	168	245	1 699	1 027	2 046	3 796
\$2,000 to \$2,999	5 351	73	118	210	695	1 353	94	87	760	425	575	961
\$3,000 to \$3,999	5 515	127	193	380	1 005	1 235	118	62	1 019	192	734	450
\$4,000 to \$4,999	5 837	173	388	469	1 429	1 115	159	102	986	218	532	266
\$5,000 to \$5,999	6 598	195	551	630	1 832	1 118	254	63	853	210	642	250
\$6,000 to \$6,999	7 151	270	1 050	948	2 216	787	284	60	798	189	402	147
\$7,000 to \$9,999	24 929	741	5 326	5 065	7 885	1 798	663	133	1 781	387	884	266
\$10,000 to \$14,999	35 284	685	7 546	9 119	13 334	4 299	633	116	1 357	406	523	136
\$15,000 to \$24,999	19 934	118	2 394	5 562	9 739	849	370	33	463	158	174	84
\$25,000 or more	6 615	35	517	1 711	3 492	437	139	8	87	70	82	37
Median	\$9 600	\$8 200	\$10 900	\$12 300	\$11 900	\$5 400	\$8 600	\$4 600	\$5 500	\$4 000	\$3 900	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied¹	119 224	2 170	17 228	23 306	40 174	10 578	2 572	775	8 849	2 873	5 410	5 269
Less than 1.5	53 074	788	7 450	12 356	23 424	3 010	1 243	253	2 625	745	879	301
1.5 to 1.9	23 350	537	4 735	5 518	7 659	1 662	482	81	1 350	304	738	284
2.0 to 2.4	12 779	296	2 570	2 620	3 685	1 224	263	71	1 000	250	584	216
2.5 to 2.9	7 396	165	1 137	1 193	1 810	1 052	145	96	802	244	438	314
3.0 to 3.9	7 273	171	754	707	1 523	1 339	166	64	906	327	642	674
4.0 or more	13 877	183	551	880	1 921	2 141	224	188	1 873	954	1 797	3 165
Not computed	1 475	30	31	32	152	150	49	22	313	49	332	315
Renter occupied housing units	96 835	10 934	16 455	7 835	11 219	4 628	4 002	707	16 608	2 010	14 954	7 483
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	87 911	10 618	15 794	7 186	9 886	3 803	3 623	521	15 230	1 718	13 336	6 196
0.50 or less	36 639	3 441	3 004	806	3 204	1 519	1 519	213	3 420	737	12 648	5 898
0.51 to 1.00	36 086	6 325	9 223	3 739	4 630	1 740	1 581	274	6 840	748	688	298
1.01 to 1.50	8 739	573	2 332	1 500	1 109	194	307	25	2 567	132	—	—
1.51 or more	6 447	279	1 235	1 141	943	120	216	9	2 403	101	—	—
Lacking some or all plumbing facilities	8 924	316	641	649	1 333	825	379	186	1 378	292	1 618	1 287
0.50 or less	2 798	17	26	21	155	270	36	29	70	105	1 070	999
0.51 to 1.00	3 161	114	176	152	568	391	157	100	514	153	548	288
1.01 to 1.50	1 097	38	160	145	232	86	83	28	302	23	—	—
1.51 or more	1 868	147	299	331	378	78	103	29	492	11	—	—
UNITS IN STRUCTURE												
1	40 290	3 222	7 526	4 857	6 525	2 545	1 633	370	6 578	984	3 553	2 497
2 to 4	23 745	3 213	4 040	1 451	2 371	1 089	875	181	4 390	433	3 813	1 889
5 to 19	21 934	3 168	3 591	1 144	1 522	693	1 048	99	4 471	402	4 060	1 736
20 or more	10 238	1 170	1 110	348	745	291	412	57	1 089	181	3 500	1 335
Mobile home or trailer	628	161	188	35	56	10	34	—	80	10	28	26
GROSS RENT												
Specified renter occupied²	92 439	10 733	15 775	7 361	10 252	4 272	3 812	636	15 913	1 897	14 591	7 197
Less than \$50	9 607	213	359	321	652	772	184	140	2 611	329	2 012	2 034
\$50 to \$59	6 545	338	454	373	705	370	232	113	1 483	215	1 376	886
\$60 to \$69	9 856	806	1 107	763	1 113	578	394	105	2 076	255	1 716	943
\$70 to \$79	9 710	904	1 426	725	1 190	554	452	78	2 047	261	1 449	624
\$80 to \$99	17 535	2 674	3 124	1 354	1 981	805	705	95	3 057	299	2 568	873
\$100 to \$119	12 184	2 368	2 637	943	1 160	295	550	21	1 628	127	2 059	396
\$120 to \$149	12 722	2 381	2 963	1 087	1 174	256	661	21	1 714	142	1 913	410
\$150 to \$199	7 209	687	2 245	845	909	179	379	4	733	73	926	229
\$200 to \$299	2 396	56	615	423	537	81	96	19	225	22	214	108
\$300 or more	278	—	24	40	133	30	—	6	11	—	6	28
No cash rent	4 397	306	821	487	698	372	159	34	328	174	352	666
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied²	92 439	10 733	15 775	7 361	10 252	4 272	3 812	636	15 913	1 897	14 591	7 197
Less than \$5,000	45 206	3 891	2 682	1 800	3 318	2 937	1 815	478	11 450	1 395	8 955	6 485
Less than 20 percent	5 269	367	431	376	675	389	207	67	1 448	166	827	316
20 to 24 percent	5 286	500	559	303	514	370	201	71	1 310	71	979	408
25 to 34 percent	8 768	1 097	608	415	671	635	271	85	2 273	184	1 584	945
35 percent or more	21 329	1 674	875	514	1 057	1 234	938	203	5 462	818	4 665	3 889
Not computed	4 554	253	209	192	401	309	198	52	957	156	900	927
\$5,000 to \$9,999	31 548	5 358	8 139	3 193	3 660	889	1 429	104	3 668	323	4 344	441
Less than 20 percent	19 907	3 205	5 022	2 142	2 726	606	849	84	2 169	221	2 637	246
20 to 24 percent	5 891	1 238	1 517	486	502	349	268	10	677	33	934	77
25 to 34 percent	3 792	687	959	311	212	34	229	6	638	36	629	51
35 percent or more	6 325	1 077	1 308	511	76	21	25	—	119	7	72	19
Not computed	1 323	121	503	203	144	79	28	4	65	26	890	142
\$10,000 to \$14,999	11 192	1 342	3 744	1 673	1 980	263	399	42	616	101	890	142
Less than 20 percent	9 599	1 264	3 225	1 350	1 671	202	350	29	532	70	777	109
20 to 24 percent	8 759	6	329	162	132	15	32	13	34	11	86	15
25 percent or more	210	—	68	25	25	12	6	—	26	10	22	10
Not computed	504	22	122	136	152	34	11	—	4			

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	129 947	12 977	35 914	25 461	24 968	14 897	7 546	4 782	3 402	3.1
BEDROOMS										
None and 1	4 799	2 104	1 707	232	344	172	86	74	80	1.7
2	40 738	7 627	17 154	7 738	4 182	1 870	866	778	523	2.2
3	67 120	2 965	15 297	14 844	16 753	9 262	4 229	2 324	1 446	3.5
4 or more	17 273	478	2 222	2 127	3 344	3 530	2 634	1 684	1 254	4.6
YEAR STRUCTURE BUILT										
1969 to March 1970	3 781	156	623	893	915	686	281	136	91	3.7
1965 to 1968	15 652	513	2 679	3 492	4 592	2 506	1 125	552	193	3.7
1960 to 1964	18 893	846	4 032	3 898	4 705	2 980	1 445	583	404	3.6
1950 to 1959	45 974	3 157	12 342	9 435	9 515	5 659	2 845	1 854	1 167	3.3
1940 to 1949	21 783	3 085	7 421	4 151	2 925	1 675	950	872	704	2.6
1939 or earlier	23 864	5 220	8 817	3 592	2 316	1 391	900	785	843	2.3
UNITS IN STRUCTURE										
1	123 492	11 226	33 809	24 381	24 179	14 585	7 374	4 634	3 304	3.2
2 or more	4 086	1 325	1 400	573	388	147	71	96	86	2.0
Mobile home or trailer	2 369	426	705	507	401	165	101	52	12	2.6
COMPLETE BATHROOMS										
1 and 1 1/2	88 934	10 156	26 214	17 512	15 832	8 895	4 713	3 221	2 391	3.0
2 and 2 1/2	32 699	1 529	7 670	6 895	8 121	4 823	2 123	1 041	497	3.5
3 or more	4 292	161	813	701	905	925	505	194	88	4.0
None or also used by another household	4 018	1 066	1 125	466	297	208	153	282	421	2.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	116 970	...	35 914	25 461	24 968	14 897	7 546	4 782	3 402	3.4
Male head, wife present, no nonrelatives	100 094	...	28 338	21 532	22 788	13 674	6 700	4 138	2 924	3.5
Under 25 years	2 561	...	815	1 011	480	118	80	39	18	3.0
25 to 34 years	18 326	...	1 768	4 211	6 701	3 450	1 317	648	231	4.0
35 to 44 years	24 461	...	1 887	3 618	7 088	5 666	3 020	1 866	1 316	4.4
45 to 64 years	42 778	...	15 531	10 525	7 825	4 168	2 092	1 435	1 202	3.1
65 years and over	11 968	...	8 337	2 167	694	272	191	150	157	2.2
Other male head	3 791	...	1 694	872	464	289	195	162	115	2.7
Under 65 years	2 882	...	1 152	682	393	268	170	140	77	2.9
65 years and over	909	...	542	190	71	21	25	22	38	2.3
Female head	13 085	...	5 882	3 057	1 716	934	651	482	363	2.7
Under 65 years	9 803	...	3 827	2 458	1 426	796	565	416	315	2.9
65 years and over	3 282	...	2 055	599	290	138	86	66	48	2.3
One-person households	12 977	12 977	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	119 224	10 679	32 640	23 615	23 615	14 167	7 088	4 349	3 071	3.2
Less than 1.5	53 074	1 180	12 964	11 715	11 877	7 319	3 786	2 382	1 851	3.6
1.5 to 1.9	23 350	1 022	6 260	4 907	5 226	3 178	1 406	872	479	3.4
2.0 to 2.4	12 779	800	3 542	2 645	2 789	1 519	854	333	297	3.3
2.5 to 2.9	7 396	752	2 297	1 334	1 366	825	440	252	130	3.0
3.0 to 3.9	7 273	1 316	2 591	1 209	1 034	573	217	228	105	2.4
4.0 or more	13 877	4 962	4 597	1 668	1 190	674	343	255	188	1.9
Not computed	1 475	647	389	137	133	79	42	27	21	1.7
Renter occupied housing units	96 835	22 437	26 226	16 241	11 577	7 503	4 798	4 440	3 613	2.5
BEDROOMS										
None	2 811	2 113	383	156	37	58	-	64	-	1.2
1	29 936	12 996	8 960	3 246	2 091	936	719	592	396	1.7
2	47 143	6 521	14 511	11 085	6 424	3 625	2 022	1 826	1 129	2.7
3 or more	16 962	547	1 994	2 266	3 319	2 910	2 143	2 027	1 756	4.6
YEAR STRUCTURE BUILT										
1969 to March 1970	3 784	544	1 290	877	615	212	127	78	41	2.6
1965 to 1968	12 561	2 458	4 654	2 724	1 448	660	277	179	161	2.3
1960 to 1964	12 307	2 770	3 934	2 109	1 392	848	515	452	287	2.4
1950 to 1959	21 734	3 633	5 045	4 154	3 316	2 213	1 264	1 204	905	3.0
1940 to 1949	19 687	4 264	4 578	3 232	2 565	1 835	1 143	1 188	882	2.8
1939 or earlier	26 762	8 768	6 725	3 145	2 241	1 735	1 472	1 339	1 337	2.2
UNITS IN STRUCTURE										
1	40 290	6 050	8 953	6 912	5 968	4 327	2 956	2 704	2 420	3.2
2	14 801	3 464	4 278	2 602	1 644	1 088	671	589	465	2.4
3 and 4	8 944	2 238	2 748	1 591	1 034	519	312	321	181	2.3
5 to 9	11 514	2 796	3 513	2 169	1 300	620	361	443	312	2.3
10 to 19	10 420	3 000	3 319	1 602	1 041	623	371	271	193	2.2
20 or more	10 238	4 835	3 160	1 251	481	259	119	91	42	1.6
Mobile home or trailer	628	54	255	114	109	67	8	21	-	2.5
COMPLETE BATHROOMS										
1 and 1 1/2	81 568	18 691	23 178	14 073	9 599	6 184	3 755	3 470	2 618	2.5
2 or more	5 235	664	1 206	1 018	938	637	392	222	158	3.2
None or also used by another household	10 036	3 148	1 963	1 037	820	726	636	770	936	2.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	74 398	...	26 226	16 241	11 577	7 503	4 798	4 440	3 613	3.2
Male head, wife present, no nonrelatives	51 071	...	17 364	11 685	8 464	5 285	3 074	2 938	2 261	3.2
Under 25 years	10 934	...	5 247	3 615	1 358	396	138	122	58	2.6
25 to 34 years	16 455	...	3 504	4 140	3 913	2 363	1 194	907	434	3.6
35 to 44 years	7 835	...	1 043	1 070	1 543	1 295	977	950	957	4.7
45 to 64 years	11 219	...	4 296	2 230	1 415	1 033	691	826	728	3.1
65 years and over	4 628	...	3 274	630	235	198	74	133	84	2.2
Other male head	4 709	...	2 623	926	422	308	205	130	95	2.4
Under 65 years	4 002	...	2 186	739	379	297	195	125	81	2.4
65 years and over	707	...	437	187	43	11	10	5	14	2.3
Female head	18 618	...	6 239	3 630	2 691	1 910	1 519	1 372	1 257	3.3
Under 65 years	16 608	...	4 980	3 290	2 479	1 816	1 484	1 344	1 215	3.5
65 years and over	2 010	...	1 259	340	212	94	35	28	42	2.3
One-person households	22 437	22 437	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	92 439	21 788	25 330	15 636	10 930	7 078	4 428	4 094	3 155	2.5
Less than 10 percent	6 843	968	1 894	1 137	920	591	502	474	357	3.0
10 to 14 percent	15 801	2 048	4 660	3 102	2 290	1 453	870	779	599	2.9
15 to 19 percent	16 364	2 418	4 489	3 421	2 419	1 408	868	846	495	2.9
20 to 24 percent	12 133	2 504	3 380	2 222	1 492	1 000	541	533	461	2.6
25 to 34 percent	12 759	3 239	3 735	2 173	1 493	900	480	398	341	2.3
35 percent or more	21 984	8 651	5 804	2 653	1 572	1 210	749	729	616	1.9
Not computed	6 555	1 960	1 368	928	744	516	418	335	286	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.

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	1 946	818	762	366	Vacant for rent	5 533	3 705	1 420	408
ROOMS					ROOMS				
1 to 3 rooms	89	20	45	24	1 room	211	158	40	13
4 rooms	165	64	75	26	2 rooms	402	296	67	39
5 rooms	425	169	213	43	3 rooms	1 367	836	433	98
6 rooms	484	191	177	116	4 rooms	2 279	1 535	543	201
7 rooms or more	783	374	252	157	5 rooms	985	671	285	29
PLUMBING FACILITIES					6 rooms	180	135	26	19
With all plumbing facilities	1 876	806	729	341	7 rooms or more	109	74	26	9
Lacking some or all plumbing facilities	70	12	33	25	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities	4 857	3 401	1 184	272
None and 1	172	15	110	47	Lacking some or all plumbing facilities	676	304	236	136
2	346	92	223	31	BEDROOMS				
3	918	373	346	199	None	200	170	30	-
4 or more	473	230	169	74	1	1 823	1 174	442	207
YEAR STRUCTURE BUILT					2	2 993	2 071	748	174
1969 to March 1970	717	341	248	128	3 or more	616	314	225	77
1960 to 1968	379	149	133	97	YEAR STRUCTURE BUILT				
1950 to 1959	310	168	116	26	1969 to March 1970	1 087	683	348	56
1949 or earlier	540	160	265	115	1960 to 1968	1 398	1 040	310	48
UNITS IN STRUCTURE					1950 to 1959	865	614	208	43
1	1 839	783	712	344	1949 or earlier	2 183	1 368	554	261
2 or more	107	35	50	22	UNITS IN STRUCTURE				
HEATING EQUIPMENT					1	1 459	758	498	203
Steam or hot water	60	20	25	15	2 to 4	1 308	885	325	98
Warm-air furnace	1 226	556	419	251	5 to 9	18	862	181	48
Built-in electric units	79	45	16	18	10 to 19	976	798	151	27
Floor, wall, or pipeless furnace	348	137	162	49	20 or more	928	631	265	32
Other means	222	107	129	33	RENT ASKED				
None	11	-	11	-	Specified vacant for sale ¹	1 783	768	685	330
SALES PRICE ASKED					Less than \$5,000	43	10	25	8
Specified vacant for sale ¹	1 783	768	685	330	\$5,000 to \$9,999	219	84	99	36
Less than \$5,000	43	10	25	8	\$10,000 to \$14,999	373	178	147	48
\$5,000 to \$9,999	219	84	99	36	\$15,000 to \$19,999	439	210	184	45
\$10,000 to \$14,999	373	178	147	48	\$20,000 to \$24,999	208	80	59	69
\$15,000 to \$19,999	439	210	184	45	\$25,000 to \$34,999	299	106	104	89
\$20,000 to \$24,999	208	80	59	69	\$35,000 to \$49,999	165	85	52	28
\$25,000 to \$34,999	299	106	104	89	\$50,000 or more	37	15	15	7
\$35,000 to \$49,999	165	85	52	28	Median price asked	\$17 900	\$17 700	\$16 900	\$22 000
\$50,000 or more	37	15	15	7					
Median price asked	\$17 900	\$17 700	\$16 900	\$22 000					

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

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

The SMSA	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	1 783	262	373	439	208	299	202	5 314	1 733	850	522	1 340	568	301
PLUMBING FACILITIES														
With all plumbing facilities	1 612	289	261	413	191	265	193	4 833	1 277	723	461	1 399	553	420
Lacking some or all plumbing facilities	81	20	36	-	-	25	-	541	447	64	30	-	-	-
BEDROOMS														
None and 1	110	60	50	-	-	-	-	1 927	746	386	219	301	118	157
2	266	139	66	36	-	25	-	2 849	776	371	242	986	352	122
3	859	95	134	342	137	100	51	377	59	30	30	70	66	122
4 or more	458	15	47	35	54	165	142	221	143	-	-	42	17	19
YEAR STRUCTURE BUILT														
1969 to March 1970	699	20	32	215	133	177	122	1 069	276	29	33	306	265	160
1960 to 1968	370	18	58	76	54	107	57	1 383	132	158	106	684	237	66
1950 to 1959	279	69	97	77	16	11	9	847	309	166	115	161	35	61
1949 or earlier	435	155	186	71	5	4	14	2 015	1 016	497	268	189	31	14
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	1 240	630	207	143	151	90	19
2 to 4 .....	...	...	...	...	...	...	...	1 308	355	326	113	344	148	22
5 to 19 .....	...	...	...	...	...	...	...	1 836	631	244	151	564	198	50
20 or more .....	...	...	...	...	...	...	...	928	117	73	115	281	132	210
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	1 362	655	173	161	253	55	65
Some or no utilities included .....	...	...	...	...	...	...	...	3 952	1 078	677	361	1 087	513	236

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

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

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

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

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	27 392	3 913	5 170	6 465	5 028	3 018	2 508	700	419	118	53	9 306
ROOMS												
1 and 2 rooms	308	148	58	42	40	4	6	4	6	-	-	5 300
3 rooms	1 470	808	466	212	67	31	52	15	14	5	-	5 100
4 rooms	4 127	1 394	1 915	1 625	739	239	144	42	5	15	9	7 200
5 rooms	8 014	795	1 507	2 395	1 740	858	504	98	70	37	10	9 300
6 rooms	6 980	503	849	1 560	1 601	1 203	955	198	80	22	9	10 900
7 rooms	2 854	199	220	439	584	483	543	203	154	20	9	12 400
8 rooms or more	1 439	66	155	192	257	200	304	140	90	19	16	13 100
Median	5.2	4.2	4.6	5.1	5.5	5.8	6.1	6.5	6.7	5.6	...	...
PERSONS												
1 person	3 298	885	860	647	403	253	183	37	21	9	-	7 200
2 persons	6 798	1 143	1 455	1 637	1 202	549	520	148	100	36	8	8 700
3 persons	4 402	477	735	1 058	773	587	494	164	84	16	14	9 800
4 persons	3 462	371	473	782	671	447	463	157	78	4	16	10 400
5 persons	2 693	251	359	603	603	339	285	87	87	8	5	10 300
6 persons or more	6 739	786	1 288	1 672	1 376	843	563	107	49	45	10	9 400
Median	3.3	2.4	2.9	3.4	3.7	3.8	3.6	3.5	3.6	3.4	...	...
Units with roomers, boarders, or lodgers	1 199	209	252	359	175	102	64	10	7	16	5	8 500
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	24 937	2 563	4 636	6 208	4 924	2 956	2 456	672	389	84	49	9 600
0.50 or less	10 306	1 124	2 038	2 425	1 904	1 102	1 091	341	201	54	24	9 600
0.51 to 1.00	9 611	894	1 435	2 440	1 963	1 318	1 075	264	180	20	20	10 000
1.01 to 1.50	3 453	329	703	975	769	404	210	54	4	5	5	9 300
1.51 or more	1 567	212	440	368	288	132	80	13	4	10	-	8 300
Lacking some or all plumbing facilities	2 455	1 350	534	257	104	62	52	28	30	34	4	3000-
0.50 or less	1 107	602	263	110	42	47	10	14	10	5	4	5000-
0.51 to 1.00	686	403	122	66	35	5	38	6	5	6	-	5000-
1.01 to 1.50	311	136	87	50	16	-	4	8	5	5	-	5 600
1.51 or more	351	209	62	31	11	10	-	-	10	18	-	5000-
BEDROOMS												
None and 1	2 091	815	475	429	215	85	72	-	-	-	-	6 200
2	12 379	1 706	3 051	3 469	2 301	1 005	575	115	41	95	21	8 500
3	10 584	1 079	1 628	2 118	1 995	1 851	1 328	317	213	39	16	10 600
4 or more	2 450	246	363	557	488	297	261	103	95	-	-	10 300
YEAR STRUCTURE BUILT												
1969 to March 1970	491	15	44	70	56	127	115	30	30	4	-	13 700
1965 to 1968	1 100	41	92	143	114	99	354	146	102	4	5	15 700
1960 to 1964	2 033	183	216	395	440	339	303	101	36	16	4	11 300
1950 to 1959	8 798	735	1 350	2 421	1 956	1 216	815	159	99	27	20	9 900
1940 to 1949	7 230	1 245	1 603	1 742	1 222	714	472	113	66	44	9	8 600
1939 or earlier	7 740	1 694	1 865	1 694	1 240	523	449	151	86	23	15	8 000
COMPLETE BATHROOMS												
1 and 1 1/2	22 688	2 492	4 370	5 899	4 506	2 612	2 070	448	200	57	34	9 400
2 and 2 1/2	1 883	64	123	246	368	208	423	246	191	14	-	14 200
3 or more	165	13	20	31	18	14	20	18	8	15	8	12 600
None or also used by another household	2 587	1 321	530	283	164	86	75	48	36	38	6	5 000
HOUSEHOLD COMPOSITION												
Two-or-more-person households	24 094	3 028	4 310	5 818	4 625	2 765	2 325	663	398	109	53	9 500
Male head, wife present, no nonrelatives	17 902	1 880	3 045	4 297	3 605	2 268	1 835	573	313	58	28	9 800
Under 25 years	326	24	28	83	85	73	29	4	-	-	-	10 800
25 to 34 years	2 619	57	177	562	558	576	472	132	80	22	5	12 300
35 to 44 years	3 762	268	476	963	826	522	479	142	67	19	-	10 500
45 to 64 years	8 127	818	1 674	2 057	1 646	842	689	234	115	29	23	9 400
65 years and over	3 068	713	690	632	490	255	166	61	51	10	-	8 000
Other male head	1 260	193	219	345	187	143	102	26	34	11	-	9 100
Under 65 years	917	82	131	282	150	119	93	26	29	5	-	9 700
65 years and over	343	111	88	63	37	24	9	-	5	6	-	6 700
Female head	4 932	955	1 046	1 176	833	354	388	64	51	40	25	8 500
Under 65 years	3 688	636	759	916	676	279	307	44	25	36	10	8 700
65 years and over	1 244	319	287	260	157	75	81	20	26	4	15	7 200
One-person households	3 298	885	860	647	403	253	183	37	21	9	-	7 200
Under 65 years	1 599	333	368	346	236	200	88	18	10	-	-	8 200
65 years and over	1 699	552	492	301	167	53	95	19	11	9	-	6 500
INCOME IN 1969												
Less than \$2,000	5 741	1 625	1 472	1 303	590	341	248	61	53	38	10	7 100
\$2,000 to \$2,999	2 060	511	485	485	294	134	94	31	17	10	4	7 700
\$3,000 to \$3,999	2 121	405	415	494	400	257	120	30	5	5	-	8 700
\$4,000 to \$4,999	2 037	297	464	528	384	180	120	49	5	5	-	8 700
\$5,000 to \$5,999	2 194	238	483	554	445	217	188	30	22	11	-	9 200
\$6,000 to \$6,999	2 142	170	391	615	486	254	185	20	12	6	-	9 600
\$7,000 to \$9,999	5 093	448	804	1 299	1 221	725	472	71	43	5	5	10 000
\$10,000 to \$14,999	4 126	186	516	899	904	618	658	178	133	24	10	11 300
\$15,000 to \$24,999	1 710	28	135	274	284	249	385	221	121	9	4	13 800
\$25,000 or more	168	5	10	14	20	43	38	9	13	16	-	14 500
Median	\$5 800	\$2 600	\$4 500	\$5 800	\$6 800	\$7 500	\$8 900	\$11 600	\$12 200	\$5 500	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 502	161	171	466	542	602	354	94	104	-	8	12 100
1968	1 541	76	163	322	386	253	261	48	32	-	-	11 400
1967	1 352	97	148	363	310	153	220	54	7	-	-	10 500
1965 and 1966	3 067	198	372	759	697	414	401	160	45	21	-	10 700
1960 to 1964	5 122	601	913	1 340	902	571	516	180	85	14	-	9 500
1950 to 1959	8 067	1 210	1 823	2 086	1 471	605	571	154	80	41	26	8 700
1949 or earlier	5 672	1 547	1 453	1 123	748	322	265	70	82	48	14	7 200
HEATING EQUIPMENT												
Steam or hot water	1 114	85	105	168	322	192	153	66	7	-	16	11 500
Warm-air furnace	4 888	133	257	626	1 021	986	1 199	387	240	30	9	13 500
Built-in electric units	924	51	161	224	210	82	155	31	10	-	-	10 300
Floor, wall, or pipeless furnace	9 846	708	1 830	3 092	2 159	1 178	673	105	71	30	-	9 400
Other means	10 574	2 910	2 812	2 350	1 310	503	401	111	91	58	28	7 100
None	46	26	5	5	6	4	-	-	-	-	-	...
AIR CONDITIONING												
Room unit(s)	14 874	821	2 390	4 020	3 529	2 025	1 655	254	107	52	21	10 100
Central system	1 868	73	68	104	218	273	522	363	215	22	8	16 700
None	10 583	2 996	2 585	2 335	1 309	622	411	143	113	50	19	7 200

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

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$89	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No. Renter	Median (dollars)
Specified renter occupied ¹	40 163	7 782	5 358	7 367	6 203	8 132	2 434	843	232	38	13	1 711	68
ROOMS													
1 room	764	496	63	64	30	5	-	10	-	-	-	7	56
2 rooms	2 991	1 725	505	313	174	96	24	9	-	-	-	138	50
3 rooms	15 453	2 716	3 230	4 649	2 348	1 546	469	58	13	14	7	410	63
4 rooms	14 083	1 999	1 150	1 642	2 898	4 625	949	380	32	14	9	590	77
5 rooms	4 366	621	282	517	624	1 185	580	161	127	43	-	290	80
6 rooms	1 769	162	78	161	254	498	138	274	115	23	-	152	86
7 rooms	514	48	30	15	54	134	115	74	13	10	-	21	92
8 rooms or more	225	15	-	-	21	63	53	13	4	-	-	34	98
Median	3.5	3.1	3.1	3.2	3.7	4.0	4.3	4.4	5.1	...	...	3.9	...
PERSONS													
1 person	8 096	2 909	1 582	1 804	673	843	184	109	30	9	-	433	56
2 persons	8 460	1 749	1 281	1 844	1 194	1 554	357	120	27	10	13	311	66
3 persons	5 887	770	405	1 229	1 140	1 352	379	100	27	13	-	246	72
4 persons	4 803	700	567	884	839	1 222	276	105	38	13	-	119	74
5 persons	3 791	549	370	629	690	958	339	99	38	18	-	443	75
6 persons or more	9 128	1 105	953	1 477	1 647	2 203	899	280	88	18	-	310	...
Median	3.1	2.1	2.4	2.9	3.6	3.8	4.8	4.1	4.4	...	...	3.0	...
Units with roomers, boarders, or lodgers	1 525	243	181	296	229	326	132	52	23	8	-	35	71
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	34 575	5 270	4 492	6 890	5 948	7 860	2 323	811	247	45	-	889	70
0.50 or less	9 648	1 987	1 574	1 657	1 303	2 041	483	228	62	18	-	293	67
0.51 to 1.00	13 160	2 081	1 586	2 750	2 250	2 934	889	902	114	9	-	243	70
1.01 to 1.50	6 005	814	577	1 091	1 123	1 637	477	158	43	4	-	81	74
1.51 or more	5 762	388	755	1 392	1 272	1 248	474	123	28	14	-	68	72
Lacking some or all plumbing facilities	5 590	2 512	866	477	255	292	111	32	5	5	-	822	50
0.50 or less	1 816	993	296	103	71	46	31	-	-	-	-	270	50
0.51 to 1.00	1 808	895	221	154	57	100	23	10	5	7	-	336	50
1.01 to 1.50	677	201	121	62	35	32	38	14	-	-	-	169	54
1.51 or more	1 289	428	228	158	92	114	19	8	-	-	-	247	34
BEDROOMS													
None	1 210	774	167	127	24	35	18	-	-	-	-	63	50
1	15 678	3 865	3 025	3 941	2 498	1 440	478	104	-	19	-	308	62
2	17 931	2 288	1 690	2 401	3 463	5 512	1 355	339	76	37	-	770	76
3 or more	5 629	959	433	449	742	1 264	748	424	136	19	20	435	80
YEAR STRUCTURE BUILT													
1969 to March 1970	865	311	76	67	101	208	84	5	-	-	-	13	66
1965 to 1968	2 299	297	147	211	282	927	241	90	50	-	-	49	84
1960 to 1964	3 683	324	329	632	657	1 206	352	97	9	5	-	72	78
1950 to 1959	9 618	1 254	1 239	2 115	1 800	2 106	565	203	48	19	-	269	70
1940 to 1949	10 279	1 990	1 447	2 121	1 672	2 832	517	183	68	4	-	444	67
1939 or earlier	13 421	3 606	2 120	2 221	1 691	1 873	675	265	77	17	13	863	62
ELEVATOR IN STRUCTURE													
4 floors or more	195	63	50	22	18	-	-	42	-	-	-	-	...
With elevator	112	43	27	-	-	-	-	42	-	-	-	-	...
Walk-up	83	20	23	22	18	-	-	-	-	-	-	-	...
1 to 3 floors	40 253	7 823	5 265	6 896	6 709	8 251	2 599	825	212	75	20	1 578	69
COMPLETE BATHROOMS													
1 and 1 1/2	33 166	5 000	4 387	6 775	5 540	7 579	2 257	744	179	27	-	678	70
2 or more	471	35	14	35	50	121	49	54	73	8	-	29	92
None or also used by another household	6 485	2 663	1 005	687	403	437	121	56	-	-	11	1 087	50
INCOME IN 1969													
Less than \$2,000	13 199	4 534	2 060	2 301	1 477	1 411	374	196	35	22	7	782	58
\$2,000 to \$2,999	4 702	1 078	790	825	743	733	170	65	12	4	-	282	64
\$3,000 to \$3,999	5 174	890	790	1 068	875	898	208	150	38	4	-	173	68
\$4,000 to \$4,999	4 146	472	535	848	749	1 014	266	72	40	5	-	145	72
\$5,000 to \$5,999	3 265	318	389	716	634	789	235	58	11	5	-	115	72
\$6,000 to \$6,999	2 551	200	248	516	441	771	283	51	13	5	-	43	77
\$7,000 to \$9,999	4 621	226	362	760	871	1 592	481	161	51	5	-	112	80
\$10,000 to \$14,999	2 108	51	159	305	336	773	302	74	43	6	-	59	83
\$15,000 to \$24,999	303	13	16	22	46	131	50	16	9	5	-	90	80
\$25,000 or more	96	-	9	6	31	40	5	-	-	5	-	-	...
Median	\$3 500	\$2 000	\$2 800	\$3 500	\$4 000	\$5 000	\$5 500	\$4 100	\$5 100	...	...	\$2 900	...
YEAR MOVED INTO UNIT													
1969 to March 1970	11 934	1 804	1 574	2 072	1 934	2 805	1 041	953	111	13	-	227	72
1968	5 180	790	585	983	919	1 297	317	96	38	6	-	155	72
1967	3 604	616	440	624	558	848	266	116	54	11	-	107	71
1965 and 1966	6 337	1 145	771	1 197	872	1 550	347	135	54	-	-	266	69
1960 to 1964	6 558	1 532	930	1 454	1 035	977	274	80	18	13	-	245	65
1950 to 1959	4 648	1 171	846	934	832	501	147	44	26	14	-	433	61
1949 or earlier	1 861	640	260	233	143	159	35	30	-	-	-	361	54
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	3 297	833	548	658	483	667	97	11	-	-	-	...	64
10 to 14 percent	6 583	1 195	794	1 354	1 134	1 577	368	43	13	5	-	...	70
15 to 19 percent	5 803	1 007	761	1 144	1 013	1 304	438	161	38	-	-	...	70
20 to 24 percent	4 580	794	567	807	739	1 121	375	183	44	-	-	...	72
25 to 34 percent	5 367	1 290	731	818	840	1 127	394	115	26	6	-	...	68
35 percent or more	11 509	2 270	1 795	2 322	1 733	2 055	734	421	136	96	7	...	67
Not computed	3 026	393	162	264	241	199	28	19	-	-	-	1 711	64
AIR CONDITIONING													
Room unit(s)	9 118	570	665	1 507	1 533	3 332	866	252	100	7	-	284	81
Central system	716	43	16	28	52	173	233	117	25	-	-	29	103
None	30 288	7 085	4 725	5 962	4 408	4 632	1 326	485	134	39	11	1 481	64

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	30 794	6 745	2 357	2 460	2 338	2 450	2 435	5 585	4 428	1 808	188	5 600
ROOMS												
1 and 2 rooms	419	242	43	34	33	12	20	25	10	-	-	2000--
3 rooms	2 144	1 082	265	181	180	168	70	110	77	11	-	2 000
4 rooms	6 966	2 059	714	707	593	574	565	1 076	559	99	20	4 000
5 rooms	8 869	1 753	669	805	775	795	730	1 748	1 230	340	24	5 000
6 rooms	7 658	1 013	487	464	478	636	761	1 668	1 515	567	69	7 000
7 rooms or more	4 738	596	179	269	279	265	289	958	1 037	791	75	8 500
PERSONS												
1 person	3 854	2 649	394	258	157	127	63	117	74	10	5	2000--
2 persons	7 579	2 165	826	748	696	677	517	971	714	235	30	4 100
3 and 4 persons	8 860	1 119	645	745	637	750	637	1 847	1 593	720	60	6 700
5 persons	2 937	234	144	148	200	238	298	733	639	272	31	7 800
6 persons or more	7 564	578	348	561	648	664	807	1 917	1 408	571	62	7 300
Units with roomers, boarders, or lodgers	1 489	661	133	155	127	90	75	190	45	13	-	2 600
BEDROOMS												
Less than 3	16 340	4 851	1 631	1 230	1 239	1 124	1 435	2 644	1 734	387	65	4 400
3	11 532	1 533	838	991	839	612	888	2 231	2 467	1 014	119	7 100
4 or more	2 881	281	95	211	280	129	216	759	529	365	16	7 900
YEAR STRUCTURE BUILT												
1969 to March 1970	588	58	54	35	67	84	71	102	101	16	-	6 000
1960 to 1968	3 443	499	131	217	216	306	327	604	647	436	60	7 100
1950 to 1959	9 696	1 285	643	711	796	828	885	2 203	1 682	609	54	6 700
1949 or earlier	17 067	4 903	1 529	1 497	1 259	1 232	1 152	2 676	1 998	747	74	4 500
YEAR MOVED INTO UNIT												
1969 to March 1970	2 890	350	163	240	280	237	380	625	447	156	12	6 500
1968	1 772	213	75	126	97	129	153	455	379	139	6	7 600
1960 to 1967	10 608	1 621	596	840	762	994	935	2 139	1 772	831	118	6 500
1959 or earlier	15 503	4 597	1 454	1 250	1 172	1 181	996	2 343	1 764	695	51	4 400
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	16 380	2 044	998	1 165	1 157	1 366	1 250	3 660	3 202	1 359	179	7 200
Clothes dryer	2 861	399	92	119	157	128	100	600	701	503	62	9 200
Dishwasher	1 009	51	19	66	22	61	39	239	228	264	20	10 200
Home food freezer	10 712	1 744	761	832	730	730	1 079	1 875	1 992	837	132	6 500
Owned second home	515	95	38	44	32	24	23	101	142	16	-	7 000
With air conditioning	18 394	2 067	903	1 344	1 300	1 504	1 642	4 130	3 671	1 669	164	7 300
Room unit(s)	16 404	1 922	844	1 224	1 233	1 378	1 567	3 832	3 151	1 142	111	7 000
Central system	1 990	145	59	120	67	126	75	298	520	527	53	11 000
Automobiles available:												
1	14 902	2 295	1 040	1 279	1 291	1 442	1 448	3 440	2 138	472	57	6 100
2	6 295	320	120	281	287	501	576	1 434	1 660	1 027	85	9 200
3 or more	802	46	32	33	39	41	11	123	213	232	32	11 800
Renter occupied housing units	43 011	14 447	5 132	5 540	4 344	3 412	2 685	4 841	2 199	315	96	3 300
ROOMS												
1 room	786	405	93	87	96	22	38	26	15	-	4	2000--
2 rooms	3 203	1 958	304	309	197	118	124	135	53	5	-	2000--
3 rooms	16 212	6 219	2 220	2 025	1 696	1 273	809	1 418	474	56	22	2 900
4 rooms	15 337	4 082	1 920	2 049	1 638	1 325	1 186	2 180	1 006	133	40	3 900
5 rooms	4 714	1 115	508	703	437	467	363	682	360	62	17	4 100
6 rooms or more	2 759	668	309	367	280	207	165	400	291	59	13	4 100
PERSONS												
1 person	8 535	5 604	889	769	462	252	200	279	76	-	4	2000--
2 persons	8 958	3 183	1 340	1 177	912	654	491	754	368	62	15	3 000
3 and 4 persons	11 335	2 653	1 425	1 540	1 349	1 140	785	1 582	753	76	32	4 000
5 persons	4 101	953	450	548	476	325	325	675	246	66	6	4 200
6 persons or more	10 082	2 054	1 028	1 506	1 145	1 008	884	1 551	756	111	39	4 400
Units with roomers, boarders, or lodgers	1 592	811	134	218	170	101	33	85	25	15	-	2 000
BEDROOMS												
None	1 226	544	137	254	156	19	-	42	74	-	-	2 500
1	16 237	6 590	2 163	1 956	1 545	1 375	844	1 258	348	133	25	2 700
2	19 565	5 843	2 285	2 229	2 149	1 370	1 344	2 709	1 406	153	77	3 700
3 or more	6 153	1 498	695	850	502	681	429	803	603	72	20	4 100
YEAR STRUCTURE BUILT												
1969 to March 1970	896	289	132	142	84	114	37	61	37	-	-	3 200
1960 to 1968	6 199	1 351	704	727	771	548	508	987	521	69	13	4 400
1950 to 1959	10 191	2 972	1 059	1 436	1 102	964	679	1 333	535	70	41	3 700
1949 or earlier	25 725	9 835	3 237	3 235	2 387	1 786	1 461	2 460	1 106	176	42	2 900
YEAR MOVED INTO UNIT												
1969 to March 1970	12 527	4 021	1 646	1 757	1 372	986	847	1 291	516	65	26	3 300
1968	5 543	1 649	578	647	514	395	275	715	300	11	18	3 800
1960 to 1967	17 628	5 479	2 066	2 245	1 798	1 389	1 230	2 229	1 020	145	27	3 600
1959 or earlier	7 297	3 352	729	871	548	516	259	643	299	67	13	2 400
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	40 165	13 199	4 702	5 174	4 146	3 265	2 551	4 421	2 108	303	96	3 400
Less than 15 percent	9 880	55	175	530	619	1 140	1 296	3 698	1 968	303	96	7 900
15 to 19 percent	5 803	208	427	805	1 430	1 260	960	644	69	-	-	5 000
20 to 24 percent	4 580	455	510	1 398	1 219	623	220	149	6	-	-	3 900
25 to 34 percent	5 367	1 271	1 544	1 731	659	116	27	13	6	-	-	2 900
35 percent or more	11 509	9 113	1 764	537	74	11	5	5	-	-	-	2000--
Not computed	3 026	2 097	282	173	145	115	43	112	59	-	-	2000--
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	10 561	2 083	969	1 241	1 008	951	1 061	1 893	1 213	68	74	5 000
Clothes dryer	1 113	319	156	64	140	61	80	143	113	19	18	4 100
Dishwasher	274	71	68	22	-	19	22	33	21	-	-	18
Home food freezer	6 373	1 439	679	824	711	699	339	955	564	71	20	4 300
Owned second home	575	135	39	62	92	56	46	32	113	-	-	4 600
With air conditioning	10 077	1 625	797	1 193	1 193	1 040	894	2 060	1 049	190	36	5 200
Room unit(s)	9 340	1 509	772	1 139	1 129	956	807	1 916	907	169	36	5 100
Central system	737	116	25	54	64	84	87	144	142	21	-	6 300
Automobiles available:												
1	14 951	2 588	1 320	1 828	1 943	1 718	1 453	2 756	1 165	145	35	4 900
2	2 320	270	89	175	304	210	199	570	432	56	15	6 600
3 or more	188	37	21	25	6	18	15	31	12	23	-	5 300

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

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

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

The SMSA	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	30 794	27 796	11 412	10 741	3 834	1 809	2 998	1 346	871	358	423
PERSONS											
1 person	3 854	3 041	3 031	10	—	—	813	798	15	—	—
2 persons	7 579	6 815	6 149	644	—	22	764	517	238	—	9
3 persons	4 974	4 660	1 892	2 741	23	4	314	31	279	4	—
4 persons	3 886	3 661	291	3 202	132	36	225	—	202	13	10
5 persons	2 937	2 800	49	2 258	405	88	137	—	71	44	22
6 persons or more	7 564	6 819	—	1 886	3 274	1 659	745	—	66	297	382
Median	3.3	3.4	1.9	4.1	6.8	7.5+	2.4	1.3	3.2	6.7	7.5+
Units with roomers, boarders, or lodgers	1 489	1 344	549	624	109	62	145	38	79	24	4
YEAR STRUCTURE BUILT											
1969 to March 1970	515	509	115	227	101	66	6	—	6	—	—
1965 to 1968	1 190	1 120	451	483	110	76	70	36	14	6	14
1960 to 1964	2 207	2 046	679	974	302	91	161	43	55	49	14
1950 to 1959	9 840	9 079	3 227	3 650	1 515	687	761	278	225	107	151
1940 to 1949	8 049	7 127	3 079	2 643	952	453	922	447	278	75	122
1939 or earlier	8 972	7 917	3 768	2 834	866	449	1 055	605	253	86	111
INCOME IN 1969											
Less than \$2,000	6 745	5 248	3 612	1 197	256	183	1 497	963	395	86	53
\$2,000 to \$2,999	2 357	1 977	1 069	642	164	102	380	153	102	38	87
\$3,000 to \$3,999	2 460	2 271	1 005	825	260	181	189	48	77	19	45
\$4,000 to \$4,999	2 338	2 095	824	777	326	168	243	61	64	76	42
\$5,000 to \$5,999	2 450	2 306	838	926	388	154	144	49	45	27	23
\$6,000 to \$6,999	2 435	2 266	702	946	413	205	169	42	55	27	45
\$7,000 to \$9,999	5 585	5 369	1 478	2 352	1 102	437	216	19	68	46	83
\$10,000 to \$14,999	4 428	4 282	1 256	2 120	622	284	146	11	65	35	35
\$15,000 to \$24,999	1 808	1 808	567	874	277	90	—	—	—	—	—
\$25,000 or more	188	174	61	82	26	5	14	—	—	4	10
Median	\$5 600	\$6 000	\$4 000	\$7 100	\$7 300	\$6 600	\$2 000	\$2000-	\$2 400	\$4 500	\$4 600
VALUE-INCOME RATIO											
Specified owner occupied ¹	27 392	24 937	10 306	9 611	3 453	1 567	2 455	1 107	686	311	351
Less than 1.5	11 785	11 032	3 061	4 974	2 042	955	753	156	230	160	207
1.5 to 1.9	4 011	3 777	1 536	1 508	525	208	234	66	79	32	57
2.0 to 2.4	2 183	2 021	809	785	287	140	162	74	56	21	11
2.5 to 2.9	1 607	1 449	682	552	152	63	158	67	40	32	19
3.0 to 3.9	2 114	1 826	952	618	187	69	288	189	64	14	19
4.0 or more	4 979	4 240	2 883	1 011	220	126	739	457	197	47	38
Not computed	713	592	383	163	40	6	121	98	18	5	—
HEATING EQUIPMENT											
Steam or hot water	1 280	1 230	532	461	177	60	50	17	23	—	10
Warm-air furnace	5 321	5 269	2 051	2 173	775	270	52	17	16	9	10
Built-in electric units	1 122	1 092	365	484	172	71	30	9	5	7	9
Floor, wall, or pipeless furnace	10 885	10 711	4 225	4 312	1 477	697	174	114	29	20	11
Other means	12 127	9 473	4 236	3 299	1 233	705	2 654	1 175	779	322	378
None	59	21	3	12	—	6	38	14	19	—	5
Renter occupied housing units	43 011	35 576	9 872	13 493	6 267	5 944	7 435	2 337	2 309	988	1 801
PERSONS											
1 person	8 535	6 431	6 253	178	—	—	2 104	1 741	363	—	—
2 persons	8 958	7 477	3 387	4 043	—	47	1 481	568	847	—	66
3 persons	6 181	5 468	203	5 121	124	20	713	23	567	99	24
4 persons	5 154	4 500	29	2 824	1 543	104	654	5	358	206	85
5 persons	4 101	3 544	—	890	1 566	1 088	557	—	96	253	208
6 persons or more	10 082	8 156	—	437	3 034	4 685	1 926	—	78	430	1 418
Median	3.1	3.2	1.3	3.0	5.4	7.0	2.7	1.2	2.4	5.2	7.2
Units with roomers, boarders, or lodgers	1 592	1 320	247	766	167	140	272	45	108	31	88
YEAR STRUCTURE BUILT											
1969 to March 1970	847	800	206	374	153	67	47	26	13	8	—
1965 to 1968	2 257	2 183	635	890	470	188	74	17	30	27	—
1960 to 1964	3 820	3 613	908	1 388	801	516	207	59	72	33	43
1950 to 1959	10 131	9 027	2 095	3 557	1 684	1 691	1 104	274	287	216	325
1940 to 1949	11 052	9 048	2 753	3 226	1 510	1 559	2 004	603	642	267	492
1939 or earlier	14 888	10 918	3 435	3 802	1 678	2 003	3 970	1 303	1 283	418	966
INCOME IN 1969											
Less than \$2,000	14 447	10 652	4 802	3 386	1 307	1 157	3 795	1 797	1 085	328	585
\$2,000 to \$2,999	5 132	4 011	1 181	1 678	571	581	1 121	252	372	183	314
\$3,000 to \$3,999	5 540	4 700	1 074	1 890	869	847	840	142	351	118	229
\$4,000 to \$4,999	4 344	3 830	755	1 551	773	751	514	44	183	74	213
\$5,000 to \$5,999	3 412	3 021	537	1 223	599	662	391	35	137	104	115
\$6,000 to \$6,999	2 685	2 435	424	929	540	542	250	22	77	57	94
\$7,000 to \$9,999	4 841	4 475	665	1 813	1 025	972	366	30	99	63	174
\$10,000 to \$14,999	2 199	2 049	373	847	484	345	150	15	5	53	77
\$15,000 to \$24,999	10 131	9 027	2 753	3 226	1 510	1 559	2 004	603	642	267	492
\$25,000 or more	315	307	42	148	62	55	8	—	—	8	—
Median	\$3 300	\$3 700	\$2 100	\$3 900	\$4 500	\$4 500	\$2 000	\$2000-	\$2 000	\$2 900	\$3 000
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	40 165	34 575	9 648	13 160	6 005	5 762	5 590	1 816	1 808	677	1 289
Less than 10 percent	3 297	2 879	387	1 179	637	676	418	65	120	70	163
10 to 14 percent	6 583	5 865	990	2 471	1 242	1 162	718	137	307	95	179
15 to 19 percent	5 803	5 261	1 026	2 172	1 107	956	542	101	229	80	132
20 to 24 percent	4 580	4 241	988	1 610	855	788	339	83	101	61	94
25 to 34 percent	5 367	4 793	1 445	1 975	715	658	574	238	186	68	82
35 percent or more	11 509	9 702	4 079	3 101	1 231	1 291	1 807	862	477	128	340
Not computed	3 026	1 834	733	652	218	231	1 192	330	388	175	299
HEATING EQUIPMENT											
Steam or hot water	1 684	1 576	448	629	245	254	108	21	82	—	5
Warm-air furnace	3 443	3 314	935	1 491	596	292	129	16	68	—	45
Built-in electric units	2 872	2 795	645	1 192	548	410	77	13	16	31	17
Floor, wall, or pipeless furnace	9 935	9 702	2 442	3 735	1 848	1 677	233	84	56	50	43
Other means	24 776	18 131	5 392	6 432	3 012	3 295	6 645	2 144	2 005	871	1 625
None	301	58	10	14	18	16	243	59	82	36	66

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	30 794	70	349	2 144	6 966	8 869	7 658	3 100	1 438	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	27 460	47	148	1 569	5 710	8 370	7 089	2 944	1 583	5.2
PERSONS										
1 person	3 854	25	166	692	1 207	1 046	474	122	122	4.4
2 persons	7 579	31	97	785	2 155	2 188	1 627	489	207	4.8
3 persons	4 974	4	27	254	1 260	1 506	1 232	493	198	5.1
4 persons	3 886	6	40	145	692	1 285	949	478	291	5.3
5 persons	2 937	—	15	95	449	896	888	418	176	5.5
6 persons or more	7 564	4	4	173	1 203	1 948	2 488	1 100	644	5.7
Median	3.3	...	1.6	2.0	2.6	3.3	4.0	4.4	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	27 794	46	134	1 597	5 846	8 271	7 325	3 010	1 567	5.3
0.50 or less	11 412	—	33	475	2 803	2 947	3 227	1 075	852	5.3
0.51 to 1.00	10 741	10	38	804	1 711	3 516	2 515	1 572	575	5.3
1.01 to 1.50	3 834	—	23	132	703	1 254	1 288	305	129	5.3
1.51 or more	1 809	36	40	186	629	554	295	58	11	4.5
Lacking some or all plumbing facilities	2 998	24	215	547	1 120	598	333	90	71	4.1
0.50 or less	1 346	—	133	217	559	287	106	29	15	4.1
0.51 to 1.00	871	15	59	235	241	171	80	34	15	4.1
1.01 to 1.50	358	—	4	13	104	86	110	21	20	4.0
1.51 or more	423	9	19	82	216	54	37	6	—	5.2
BEDROOMS										
None and 1	2 622	104	342	1 224	567	155	146	18	66	3.2
2	13 718	—	—	850	5 922	4 750	1 907	211	78	4.5
3	11 532	—	—	—	593	3 493	5 362	1 691	393	5.8
4 or more	2 881	—	—	—	—	64	709	1 029	1 079	7.1
YEAR STRUCTURE BUILT										
1969 to March 1970	588	—	—	16	67	233	182	67	23	5.4
1960 to 1968	3 443	4	15	101	580	1 039	963	524	217	5.5
1950 to 1959	9 696	5	87	417	2 212	3 039	2 755	840	341	5.2
1949 or earlier	17 067	61	247	1 610	4 107	4 558	3 758	1 669	1 057	5.1
COMPLETE BATHROOMS										
1 and 1 1/2	25 064	41	127	1 500	5 661	8 148	6 430	2 292	865	5.1
2 or more	2 503	6	27	76	80	230	685	681	718	6.7
None or also used by another household	3 206	19	201	579	1 165	640	385	135	82	4.2
VALUE-INCOME RATIO										
Specified owner occupied¹	27 392	39	269	1 670	6 127	8 014	6 980	2 854	1 439	5.2
Less than 1.5	11 785	15	64	485	2 487	3 346	3 243	1 451	694	5.3
1.5 to 1.9	4 011	4	25	203	779	1 187	1 167	453	193	5.3
2.0 to 2.9	3 790	5	16	222	836	1 108	1 024	385	194	5.2
3.0 or more	7 093	10	149	645	1 812	2 225	1 407	512	333	4.9
Not computed	713	5	15	115	213	148	139	53	25	4.6
Renter occupied housing units	43 911	786	3 203	16 212	15 337	4 714	1 948	566	245	3.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	34 209	186	1 587	13 411	12 737	3 932	1 581	574	201	3.7
PERSONS										
1 person	8 535	541	1 859	4 170	1 589	249	76	35	16	2.9
2 persons	8 958	113	670	4 220	3 076	581	219	54	25	3.4
3 persons	6 181	44	223	2 407	2 678	603	152	42	32	3.7
4 persons	5 154	30	159	1 749	2 450	521	182	29	34	3.8
5 persons	4 101	22	127	1 147	1 819	698	204	64	20	3.9
6 persons or more	10 082	36	165	2 519	3 725	2 062	1 115	342	118	4.1
Median	3.1	1.2	1.4	2.4	3.6	5.1	6.1	6.3	5.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	35 574	292	1 842	13 978	12 995	4 069	1 677	518	205	3.6
0.50 or less	9 872	—	1 027	3 574	3 995	674	403	116	83	3.6
0.51 to 1.00	13 493	178	407	5 818	4 544	1 679	514	258	95	3.6
1.01 to 1.50	6 267	—	124	1 543	2 732	1 145	601	79	23	4.0
1.51 or more	5 944	114	284	3 043	1 704	571	159	65	4	3.3
Lacking some or all plumbing facilities	7 435	494	1 361	2 234	2 342	645	271	48	40	3.3
0.50 or less	2 337	—	832	596	670	156	44	15	24	3.1
0.51 to 1.00	2 809	363	263	809	584	143	107	29	11	3.2
1.01 to 1.50	988	—	99	206	423	159	92	4	5	3.9
1.51 or more	1 801	131	167	623	665	187	28	—	—	3.5
BEDROOMS										
None	1 226	952	198	76	—	—	—	—	—	1.1
2	16 237	—	3 013	11 928	1 128	85	45	—	38	2.9
3 or more	19 565	—	—	3 698	13 486	1 962	345	74	—	4.0
4 or more	4 153	—	—	—	913	2 979	1 626	460	175	5.2
YEAR STRUCTURE BUILT										
1969 to March 1970	896	—	20	213	433	187	37	6	—	4.0
1960 to 1968	6 199	37	142	1 783	3 209	641	268	76	23	3.9
1950 to 1959	10 191	131	405	4 163	3 757	995	532	141	47	3.6
1949 or earlier	25 725	618	2 636	10 053	7 938	2 871	1 091	343	175	3.5
COMPLETE BATHROOMS										
1 and 1 1/2	34 219	260	1 660	13 519	12 715	3 871	1 516	531	147	3.6
2 or more	477	12	26	49	118	89	86	43	54	4.9
None or also used by another household	8 299	465	1 523	2 691	2 558	661	310	39	52	3.9
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	40 165	764	2 991	15 453	14 083	4 366	1 769	514	225	3.4
Less than 10 percent	3 297	83	234	1 215	1 172	384	121	56	32	3.6
10 to 14 percent	6 583	151	342	2 128	2 696	838	327	62	39	3.7
15 to 19 percent	5 803	56	314	2 171	2 239	658	246	99	20	3.7
20 to 24 percent	4 580	39	232	1 774	1 757	519	210	33	16	3.6
25 to 34 percent	5 367	77	382	1 155	1 943	518	215	62	15	3.5
35 percent or more	11 509	229	1 223	5 016	3 324	1 030	452	171	64	3.4
Not computed	3 026	129	264	994	952	419	198	31	39	3.6

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

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

Table A-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	30 794	29 093	1 568	133	43 011	20 856	7 446	3 597	4 643	4 743	1 660	66
ROOMS												
1 room	70	43	27	-	786	212	87	91	159	168	69	-
2 rooms	349	287	52	10	3 203	1 332	482	304	238	543	304	-
3 rooms	2 144	1 808	315	21	16 212	7 188	4 169	1 518	1 400	1 479	415	43
4 rooms	6 966	6 431	487	48	15 337	7 050	2 036	1 286	2 092	2 063	804	6
5 rooms	8 869	8 537	299	33	4 714	2 946	497	312	469	425	48	17
6 rooms	7 658	7 425	219	14	1 948	1 519	145	51	188	30	15	-
7 rooms	3 100	3 018	75	7	566	417	19	35	75	20	5	-
8 rooms or more	1 638	1 544	94	-	245	192	11	-	22	15	-	-
Median	5.2	5.2	4.3	4.2	3.6	3.7	3.3	3.4	3.8	3.6	3.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	27 796	26 313	1 380	103	35 576	15 305	6 825	3 270	4 355	4 322	1 447	32
0.50 or less	11 412	10 769	614	29	9 872	4 265	1 819	846	1 142	1 262	538	-
0.51 to 1.00	10 741	10 167	527	47	13 493	5 533	2 556	1 373	1 766	1 683	552	30
1.01 to 1.50	3 834	3 656	156	22	6 267	2 733	1 026	513	888	926	170	11
1.51 or more	1 809	1 721	83	5	5 944	2 774	1 424	538	559	451	187	11
Lacking some or all plumbing facilities	2 998	2 780	188	30	7 435	5 551	621	327	288	421	213	14
0.50 or less	1 346	1 253	89	4	2 337	1 706	228	96	71	135	101	-
0.51 to 1.00	871	781	71	19	2 309	1 580	216	99	149	188	71	6
1.01 to 1.50	358	346	12	-	988	841	41	41	13	38	14	-
1.51 or more	423	400	16	7	1 801	1 424	136	91	55	60	27	8
BEDROOMS												
None	124	67	57	-	1 226	261	275	82	320	264	24	-
1	2 498	2 141	340	17	16 237	7 007	3 794	1 353	1 439	1 897	732	15
2	13 718	13 005	617	96	19 565	9 767	2 837	1 761	2 323	2 024	776	77
3	11 532	11 245	224	63	5 079	3 478	372	291	485	403	50	-
4 or more	2 881	2 737	144	-	1 074	655	70	62	212	56	19	-
YEAR STRUCTURE BUILT												
1969 to March 1970	588	545	12	31	896	190	100	203	226	133	38	6
1965 to 1968	1 221	1 148	49	24	2 377	700	323	305	498	335	210	6
1960 to 1964	2 222	2 120	93	9	3 822	1 310	553	274	707	670	303	5
1950 to 1959	9 696	9 347	330	19	10 191	4 636	2 167	849	1 212	962	354	11
1940 to 1949	8 196	7 708	462	26	11 056	5 780	2 073	874	819	1 178	305	27
1939 or earlier	8 871	8 225	622	24	14 669	8 240	2 230	1 092	1 181	1 465	450	11
INCOME IN 1969												
Less than \$2,000	6 745	6 174	543	28	14 447	7 447	2 267	1 181	1 454	1 612	453	33
\$2,000 to \$2,999	2 357	2 203	144	10	5 132	2 605	892	365	529	588	142	11
\$3,000 to \$3,999	2 460	2 279	154	27	5 540	2 395	1 052	518	650	705	211	9
\$4,000 to \$4,999	2 338	2 182	138	18	4 344	1 943	778	455	481	510	174	3
\$5,000 to \$5,999	2 450	2 327	113	10	3 412	1 604	639	312	347	369	147	4
\$6,000 to \$6,999	2 435	2 297	129	9	2 685	1 186	515	228	349	264	133	-
\$7,000 to \$7,999	5 585	5 411	161	13	4 841	2 343	884	348	519	500	247	-
\$10,000 to \$14,999	4 428	4 274	145	9	2 199	1 161	346	154	242	165	125	6
\$15,000 to \$24,999	1 808	1 763	41	4	315	134	47	30	55	21	28	-
\$25,000 or more	188	183	-	5	96	38	26	6	17	9	-	-
Median	\$5 600	\$5 700	\$3 600	\$4 100	\$3 300	\$3 200	\$3 500	\$3 500	\$3 500	\$3 200	\$4 100	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 890	2 660	187	43	12 527	5 102	2 485	1 382	1 531	1 377	631	19
1968	1 772	1 630	135	7	5 543	2 491	1 104	574	615	524	235	-
1967	1 535	1 476	42	17	3 869	1 863	804	286	425	351	124	16
1965 and 1966	3 414	3 220	188	6	6 765	3 500	1 003	451	664	915	232	-
1960 to 1964	5 659	5 389	258	12	6 994	3 523	1 182	450	752	806	270	11
1950 to 1959	8 213	7 799	388	26	4 696	2 471	632	386	442	594	156	15
1949 or earlier	7 290	6 863	421	6	2 601	1 777	266	119	185	190	64	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	40 165	18 010	7 446	3 597	4 643	4 743	1 660	66
Less than \$50	...	...	...	...	7 782	2 593	832	710	1 456	1 761	404	26
\$50 to \$59	...	...	...	...	5 358	2 390	1 124	514	543	593	172	22
\$60 to \$69	...	...	...	...	7 367	3 179	1 888	745	658	669	228	-
\$70 to \$79	...	...	...	...	6 203	2 692	1 514	648	567	560	218	4
\$80 to \$89	...	...	...	...	8 152	3 667	1 378	763	1 093	855	396	-
\$100 to \$119	...	...	...	...	2 434	1 298	446	135	186	209	157	3
\$120 to \$149	...	...	...	...	843	471	120	29	90	68	65	-
\$150 to \$199	...	...	...	...	252	167	48	-	22	9	6	-
\$200 to \$299	...	...	...	...	50	18	9	-	5	-	-	-
\$300 or more	...	...	...	...	13	7	6	-	-	-	-	-
No cash rent	...	...	...	...	1 711	1 528	72	44	23	19	14	11
Median	...	...	...	...	\$68	\$70	\$69	\$67	\$65	\$60	\$71	...
HEATING EQUIPMENT												
Steam or hot water	1 280	1 177	98	5	1 684	501	165	161	368	400	89	-
Warm-air furnace	5 321	5 135	128	58	3 443	1 082	491	392	664	492	312	10
Built-in electric units	1 122	1 018	97	7	2 872	990	321	385	562	462	152	-
Floor, wall, or pipeless furnace	10 885	10 353	520	12	9 935	4 102	2 239	768	1 223	1 171	429	3
Other means	12 127	11 354	722	51	24 776	13 948	4 195	1 868	1 826	2 208	678	53
None	59	56	3	-	301	233	35	23	-	10	-	-
AIR CONDITIONING												
Room unit(s)	16 404	15 611	749	44	9 340	3 614	1 751	905	1 301	1 238	531	-
Central system	1 990	1 977	13	-	737	220	44	31	161	106	175	-
None	12 379	11 449	857	73	32 918	16 893	5 681	2 712	3 152	3 413	1 006	61
AUTOMOBILES AVAILABLE												
1	14 902	14 036	792	74	14 951	7 544	2 500	1 251	1 478	1 441	710	27
2	6 295	6 137	152	6	2 320	1 291	412	168	209	120	120	-
3 or more	802	790	12	-	188	126	45	5	5	5	-	-
None	8 774	8 074	663	37	25 536	11 764	4 519	2 224	2 922	3 191	882	34

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	30 794	398	2 903	4 118	8 916	3 524	1 054	413	4 214	1 400	1 894	1 960
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	27 794	380	2 849	3 904	8 271	3 071	989	335	3 787	1 169	1 641	1 400
0.50 or less	11 412	108	629	598	2 946	1 609	349	157	1 371	614	1 641	1 390
0.51 to 1.00	10 741	174	1 564	1 695	3 473	1 185	460	120	1 636	424	—	—
1.01 to 1.50	3 834	89	502	1 015	1 259	191	118	46	535	79	—	—
1.51 or more	1 809	9	154	594	593	86	62	12	245	52	—	—
Lacking some or all plumbing facilities	2 998	18	54	214	645	453	65	78	427	231	253	540
0.50 or less	1 346	—	11	20	120	187	18	24	53	115	253	545
0.51 to 1.00	871	18	20	32	251	195	18	43	198	81	—	15
1.01 to 1.50	358	—	16	57	127	40	14	6	72	26	—	—
1.51 or more	423	—	7	105	147	31	15	5	104	9	—	—
UNITS IN STRUCTURE												
1	29 093	359	2 760	4 020	8 589	3 304	962	374	3 895	1 306	1 734	1 790
2 or more	1 568	19	126	82	307	209	92	39	304	84	150	156
Mobile home or trailer	133	20	17	16	20	11	—	—	15	10	10	14
INCOME IN 1969												
Less than \$2,000	6 745	55	111	144	616	1 154	103	208	1 101	604	1 013	1 636
\$2,000 to \$2,999	2 357	22	46	121	380	568	55	40	494	237	218	176
\$3,000 to \$3,999	2 460	50	104	240	594	402	97	36	574	105	197	61
\$4,000 to \$4,999	2 338	53	162	218	743	312	108	43	434	108	112	45
\$5,000 to \$5,999	2 450	36	189	270	930	297	134	17	362	88	122	5
\$6,000 to \$6,999	2 435	20	353	496	921	160	122	15	224	61	47	16
\$7,000 to \$9,999	5 585	91	943	1 203	1 992	319	223	39	551	107	112	5
\$10,000 to \$14,999	4 428	61	771	967	1 764	231	148	10	336	66	64	10
\$15,000 to \$24,999	1 808	10	324	411	892	65	54	5	122	20	4	6
\$25,000 or more	188	—	5	48	84	16	10	—	16	4	5	—
Median	\$5 600	\$5 500	\$8 500	\$8 400	\$7 400	\$3 100	\$6 200	\$2 000	\$3 900	\$2 400	\$2000—	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied ¹	27 392	326	2 619	3 762	8 127	3 068	917	343	3 688	1 244	1 599	1 699
Less than 1.5	11 785	118	1 290	2 382	4 846	1 811	64	439	1 255	288	231	61
1.5 to 1.9	4 011	77	567	637	1 221	464	161	45	502	116	133	88
2.0 to 2.4	2 183	26	349	281	597	247	72	36	312	89	129	45
2.5 to 2.9	1 607	19	139	135	417	277	23	47	232	122	107	89
3.0 to 3.9	2 114	36	123	134	406	365	74	44	386	158	188	200
4.0 or more	4 979	45	130	188	602	812	108	95	842	447	659	1 051
Not computed	713	5	21	5	38	92	40	12	159	24	152	165
Renter occupied housing units	43 011	2 657	5 338	3 533	5 396	2 587	1 899	554	11 311	1 201	5 274	3 261
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	35 576	2 385	4 790	2 954	4 228	1 889	1 547	383	10 019	950	4 140	2 291
0.50 or less	9 872	239	396	206	672	481	341	115	940	229	4 037	2 216
0.51 to 1.00	13 493	1 451	1 935	932	1 933	1 138	757	234	4 415	520	103	75
1.01 to 1.50	6 267	435	1 342	811	781	180	256	25	2 327	110	—	—
1.51 or more	5 944	260	1 117	1 005	842	90	193	9	2 307	91	—	—
Lacking some or all plumbing facilities	7 435	272	548	579	1 168	698	352	171	1 292	251	1 134	970
0.50 or less	2 337	12	20	17	117	229	27	29	52	93	897	844
0.51 to 1.00	2 309	92	100	134	471	326	152	85	462	124	237	126
1.01 to 1.50	988	33	139	130	210	65	74	28	286	23	—	—
1.51 or more	1 801	135	289	298	370	78	99	29	492	11	—	—
UNITS IN STRUCTURE												
1	20 856	938	2 272	1 976	3 302	1 679	1 008	310	4 853	703	2 139	1 676
2 to 4	11 043	930	1 496	822	1 222	504	477	137	3 058	216	1 470	711
5 to 19	9 386	649	1 284	641	746	359	312	84	3 046	228	1 285	752
20 or more	1 660	134	272	94	120	40	98	23	333	44	380	122
Mobile home or trailer	66	6	14	—	6	5	4	—	21	10	—	—
GROSS RENT												
Specified renter occupied ²	40 165	2 567	4 965	3 273	4 822	2 317	1 797	497	10 723	1 108	5 005	3 091
Less than \$50	7 782	197	277	282	530	210	134	210	2 410	260	1 538	1 371
\$50 to \$59	5 358	275	405	338	589	295	212	102	1 385	175	973	609
\$60 to \$69	7 367	584	927	692	891	403	342	95	1 954	175	822	482
\$70 to \$79	6 203	450	1 028	607	850	310	336	58	1 715	176	504	169
\$80 to \$99	8 152	759	1 553	810	1 067	409	397	49	2 097	148	724	139
\$100 to \$119	2 434	192	419	256	389	90	171	15	661	57	148	36
\$120 to \$149	843	45	146	104	107	39	45	11	210	27	95	14
\$150 to \$199	252	4	44	38	49	5	26	4	47	5	30	—
\$200 to \$299	50	5	10	4	10	—	4	—	8	—	4	5
\$300 or more	13	—	—	—	7	6	—	—	—	—	—	—
No cash rent	1 711	56	156	142	333	147	94	29	236	85	167	266
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	40 165	2 567	4 965	3 273	4 822	2 317	1 797	497	10 723	1 108	5 005	3 091
Less than \$5,000	27 221	1 378	1 696	1 380	2 469	1 943	1 024	410	8 679	957	4 245	3 040
Less than 20 percent	4 249	280	335	338	553	307	187	63	1 310	127	577	172
20 to 24 percent	3 582	319	441	258	393	230	148	59	1 102	32	473	127
25 to 34 percent	5 205	338	366	322	492	421	218	73	1 747	109	649	470
35 percent or more	11 488	353	430	337	744	800	344	168	3 797	592	2 068	1 855
Not computed	2 697	88	124	125	287	185	127	47	723	97	478	416
\$5,000 to \$9,999	10 437	982	2 594	1 442	1 855	325	611	72	1 714	111	686	45
Less than 20 percent	8 998	872	2 265	1 279	1 577	288	483	68	1 429	102	594	41
20 to 24 percent	992	90	223	108	182	9	83	—	220	5	68	4
25 to 34 percent	156	10	45	15	30	5	14	—	27	—	10	—
35 percent or more	21	—	10	—	5	—	—	—	6	—	—	—
Not computed	270	10	51	40	61	23	31	4	32	4	14	—
\$10,000 to \$14,999	2 108	193	568	377	414	49	122	15	266	28	70	6
Less than 20 percent	2 037	193	568	357	369	49	122	15	266	28	70	6
20 to 24 percent	6	—	—	6	—	—	—	—	—	—	—	—
25 percent or more	6	—	—	—	—	—	—	—	—	—	—	—
Not computed	59	—	—	14	45	—	—	—	—	—	—	—
\$15,000 or more	399	14	107	74	84	—	40	—	64	12	4	—
Less than 20 percent	399	14	107	74	84	—	40	—	64	12	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	30 794	3 854	7 579	4 974	3 886	2 937	2 233	2 705	2 626	3.3
BEDROOMS										
None and 1	2 622	1 110	781	124	263	154	56	74	60	1.8
2	13 718	2 209	4 530	2 701	1 517	994	600	674	493	2.5
3	11 532	729	1 774	1 669	1 663	1 627	1 295	1 536	1 239	4.5
4 or more	2 881	76	278	222	322	319	417	491	756	6.0
YEAR STRUCTURE BUILT										
1969 to March 1970	588	34	79	101	74	95	57	72	76	4.6
1965 to 1968	1 221	95	192	264	247	140	79	96	108	3.7
1960 to 1964	2 222	150	464	342	366	234	255	176	235	3.9
1950 to 1959	9 696	831	2 131	1 592	1 327	1 056	829	1 064	866	3.7
1940 to 1949	8 196	1 068	2 143	1 409	1 010	730	538	674	624	3.1
1939 or earlier	8 871	1 676	2 570	1 266	862	682	475	623	717	2.6
UNITS IN STRUCTURE										
1	29 093	3 524	7 124	4 656	3 631	2 833	2 180	2 617	2 528	3.3
2 or more	1 568	306	441	298	221	86	53	77	86	2.6
Mobile home or trailer	133	24	14	20	34	18	-	11	12	3.8
COMPLETE BATHROOMS										
1 and 1 1/2	25 064	2 790	6 278	4 182	3 328	2 430	1 872	2 195	1 989	3.3
2 and 2 1/2	2 254	171	424	438	365	247	170	210	229	3.8
3 or more	249	20	66	49	22	58	8	19	7	3.3
None or also used by another household	3 206	831	898	349	204	143	134	246	401	2.4
HOUSEHOLD COMPOSITION										
Two-or-more-person households	26 940	...	7 579	4 974	3 886	2 937	2 233	2 705	2 626	3.7
Male head, wife present, no nonrelatives	19 859	...	5 125	3 507	2 881	2 309	1 696	2 179	2 162	4.0
Under 25 years	398	...	65	127	75	32	50	31	18	3.6
25 to 34 years	2 903	...	293	547	643	535	346	347	192	4.5
35 to 44 years	4 118	...	365	536	574	612	448	761	822	5.5
45 to 64 years	8 916	...	2 538	1 622	1 243	916	703	904	990	3.7
65 years and over	3 524	...	1 864	675	346	214	149	136	140	2.4
Other male head	1 467	...	528	298	204	135	68	128	106	3.2
Under 65 years	1 054	...	319	217	171	114	59	106	68	3.5
65 years and over	413	...	209	81	33	21	9	22	38	2.5
Female head	5 614	...	1 926	1 169	801	493	469	398	358	3.3
Under 65 years	4 214	...	1 182	929	649	403	392	349	310	3.5
65 years and over	1 400	...	744	240	152	90	77	49	48	2.4
One-person households	3 854	...	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied¹	27 392	3 298	6 798	4 402	3 462	2 693	2 002	2 417	2 320	3.3
Less than 1.5	11 785	292	2 195	1 989	1 812	1 613	1 096	1 399	1 389	4.3
1.5 to 1.9	4 011	221	1 060	767	552	349	332	392	338	3.4
2.0 to 2.4	2 183	174	598	373	297	193	161	172	215	3.4
2.5 to 2.9	1 607	196	498	244	158	141	155	122	93	2.9
3.0 to 3.9	2 114	388	709	311	220	157	75	154	100	2.4
4.0 or more	4 979	1 710	1 570	659	355	210	155	156	164	2.0
Not computed	713	317	168	59	68	30	28	22	21	1.7
Renter occupied housing units	43 011	8 535	8 958	6 181	5 154	4 101	3 187	3 613	3 282	3.1
BEDROOMS										
None	1 226	687	224	156	37	58	-	64	-	1.4
1	16 237	5 365	4 547	2 008	1 778	869	682	592	396	2.1
2	19 565	2 226	4 024	3 555	2 940	2 359	1 613	1 738	1 110	3.5
3 or more	6 153	144	570	471	470	800	997	1 178	1 523	6.1
YEAR STRUCTURE BUILT										
1969 to March 1970	896	81	194	203	161	97	66	59	35	3.4
1965 to 1968	2 377	337	469	423	428	260	163	149	148	3.4
1960 to 1964	3 822	467	917	669	518	395	288	331	237	3.3
1950 to 1959	10 191	1 621	1 967	1 642	1 326	1 101	814	919	801	3.4
1940 to 1949	11 056	2 321	2 141	1 603	1 343	1 063	786	1 006	793	3.2
1939 or earlier	14 669	3 708	3 270	1 641	1 378	1 185	1 070	1 149	1 268	2.7
UNITS IN STRUCTURE										
1	20 856	3 815	4 090	2 734	2 372	2 002	1 681	2 035	2 127	3.4
2	7 446	1 471	1 805	1 098	874	668	555	532	443	2.9
3 and 4	3 597	710	782	609	448	337	241	289	181	3.0
5 to 9	4 643	927	904	731	639	450	283	413	296	3.2
10 to 19	4 743	1 110	1 013	682	660	498	338	249	193	2.9
20 or more	1 660	502	343	324	161	114	89	85	42	2.5
Mobile home or trailer	66	-	21	3	-	32	-	10	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	34 219	6 304	7 197	5 161	4 292	3 431	2 584	2 865	2 385	3.2
2 or more	4 777	56	60	93	32	76	26	54	80	4.4
None or also used by another household	8 299	2 268	1 567	839	725	676	561	751	912	2.9
HOUSEHOLD COMPOSITION										
Two-or-more-person households	34 476	...	8 958	6 181	5 154	4 101	3 187	3 613	3 282	3.9
Male head, wife present, no nonrelatives	19 511	...	5 020	3 530	2 893	2 312	1 635	2 170	1 951	3.9
Under 25 years	2 657	...	525	691	623	266	110	112	58	3.3
25 to 34 years	5 338	...	464	1 002	1 043	942	626	652	382	4.4
35 to 44 years	3 533	...	444	381	447	388	463	628	762	5.7
45 to 64 years	5 396	...	1 723	816	585	546	387	660	679	3.8
65 years and over	2 587	...	1 617	368	195	170	49	118	70	2.3
Other male head	2 453	...	1 062	506	247	238	180	125	95	2.8
Under 65 years	1 899	...	757	336	208	227	170	120	81	3.1
65 years and over	554	...	305	170	39	11	5	14	14	2.4
Female head	12 512	...	2 876	2 145	2 014	1 551	1 372	1 318	1 236	4.1
Under 65 years	11 311	...	2 252	1 915	1 842	1 464	1 344	1 294	1 200	4.3
65 years and over	1 201	...	624	230	172	87	28	24	36	2.5
One-person households	8 535	...	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	40 165	8 096	8 460	5 887	4 803	3 791	2 935	3 334	2 859	3.1
Less than 10 percent	3 297	218	631	511	503	378	355	367	334	4.1
10 to 14 percent	6 583	626	1 290	1 128	943	766	617	670	543	3.8
15 to 19 percent	5 803	620	1 242	1 004	834	578	469	623	433	3.5
20 to 24 percent	4 580	672	957	708	560	508	333	428	414	3.4
25 to 34 percent	5 367	1 129	1 324	833	628	455	341	347	310	2.8
35 percent or more	11 509	3 923	2 457	1 320	1 063	910	619	638	579	2.2
Not computed	3 026	908	559	383	272	196	201	261	246	2.6

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

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

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

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

Memphis	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	100 818	3 140	6 241	13 181	17 620	16 451	20 370	9 094	8 278	3 944	2 196	14 000
ROOMS												
1 and 2 rooms	319	63	59	46	73	48	15	4	—	7	4	9 500
3 rooms	1 649	643	470	239	104	57	77	24	18	10	7	6 000
4 rooms	9 072	1 085	2 262	3 119	1 715	473	288	82	25	13	10	8 500
5 rooms	28 899	244	1 963	3 982	8 242	6 172	4 775	679	237	55	50	11 700
6 rooms	30 757	401	1 030	2 839	5 523	6 971	9 134	3 051	1 345	343	100	15 500
7 rooms	18 350	139	294	707	1 511	2 093	4 550	3 912	3 947	908	289	19 900
8 rooms or more	11 469	65	163	249	452	637	1 531	1 342	2 686	2 608	1 736	29 800
Median	5.8	4.3	4.7	5.0	5.3	5.7	6.1	6.7	7.1	7.5+	7.5+	...
PERSONS												
1 person	9 264	785	1 157	1 716	1 766	1 386	1 422	478	336	127	91	11 400
2 persons	27 977	971	1 960	4 172	5 357	4 372	5 250	2 299	2 095	923	579	13 400
3 persons	20 031	420	915	2 400	3 374	3 746	4 284	2 077	1 694	810	311	14 400
4 persons	19 639	252	579	1 850	3 018	3 416	4 857	2 276	2 014	875	484	15 600
5 persons	11 717	212	400	1 182	1 886	1 722	2 622	1 126	1 399	752	416	15 700
6 persons or more	11 887	500	1 212	861	2 219	1 809	1 935	838	740	457	316	12 700
Median	3.1	2.3	2.5	2.8	3.0	3.2	3.3	3.4	3.5	3.6	3.7	...
Units with roomers, boarders, or lodgers	2 104	170	272	489	395	286	305	85	57	35	10	10 800
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	99 534	2 748	4 045	13 069	17 538	16 365	20 304	9 073	8 262	3 934	2 196	14 100
0.50 or less	51 876	1 338	3 037	6 392	8 465	8 052	10 172	5 018	4 939	2 794	1 669	14 600
0.51 to 1.00	40 789	909	1 816	5 073	7 437	7 297	9 418	3 926	3 278	1 117	518	14 300
1.01 to 1.50	5 231	307	754	1 240	1 296	611	611	120	41	6	6	10 400
1.51 or more	1 638	194	438	364	340	165	103	9	4	17	4	8 800
Lacking some or all plumbing facilities	981	392	196	112	82	66	21	16	10	4	—	4 300
0.50 or less	515	205	92	73	42	51	21	21	6	4	—	4 400
0.51 to 1.00	276	106	37	18	35	19	45	—	10	6	—	7 200
1.01 to 1.50	90	37	22	15	5	11	—	—	—	—	—	—
1.51 or more	100	44	45	6	—	5	—	—	—	—	—	5 300
BEDROOMS												
None and 1	2 353	478	450	585	369	134	113	24	—	—	—	7 700
2	31 863	1 348	3 800	7 627	8 487	4 696	4 112	1 087	450	132	124	10 900
3	52 722	731	1 717	4 413	7 938	9 932	14 385	6 109	5 323	1 628	546	15 500
4 or more	13 074	249	387	657	935	1 053	1 916	1 762	2 445	2 163	1 507	23 800
YEAR STRUCTURE BUILT												
1969 to March 1970	1 943	19	41	42	47	144	438	193	582	249	188	25 800
1965 to 1968	9 725	39	39	134	225	864	2 897	1 885	2 234	992	416	21 800
1960 to 1964	13 967	107	188	639	1 555	2 395	3 969	2 304	1 658	840	312	17 300
1950 to 1959	39 078	483	1 469	5 302	8 229	7 801	8 389	3 107	2 492	1 182	624	13 800
1940 to 1949	17 531	840	1 923	3 658	3 987	2 916	2 339	756	600	279	233	11 500
1939 or earlier	18 271	1 652	2 581	3 406	3 577	2 331	2 338	849	712	402	423	11 000
COMPLETE BATHROOMS												
1 and 1 1/2	70 860	2 648	5 712	12 519	16 290	14 757	14 437	3 122	1 007	246	122	12 200
2 and 2 1/2	25 399	90	216	513	1 135	1 693	5 596	5 808	6 873	2 752	723	23 000
3 or more	3 176	13	28	50	24	41	101	170	411	954	1 384	46 800
None or also used by another household	1 210	415	215	114	153	133	111	34	20	15	—	7 200
HOUSEHOLD COMPOSITION												
Two-or-more-person households	91 251	2 355	5 084	11 465	15 854	15 065	18 948	8 616	7 942	3 817	2 195	14 300
Male head, wife present, no nonrelatives	78 115	1 444	3 659	9 189	13 293	13 170	16 820	7 794	7 304	3 508	1 934	14 700
Under 25 years	1 829	20	25	189	357	478	478	158	49	11	11	13 800
25 to 34 years	13 610	70	226	1 197	2 181	2 808	3 752	1 586	1 227	424	139	15 400
35 to 44 years	19 059	107	582	1 791	3 005	3 145	4 345	2 255	2 113	1 104	525	15 800
45 to 64 years	34 535	645	1 893	4 367	6 016	5 336	6 913	3 188	3 407	1 713	1 057	14 500
65 years and over	5 082	515	907	1 583	1 734	1 438	1 332	607	508	256	202	12 200
Other male head	2 979	189	298	497	567	468	471	157	178	93	61	12 200
Under 25 years	2 288	78	197	380	444	371	425	130	132	77	52	12 800
65 years and over	691	111	101	117	121	97	46	27	46	16	9	10 300
Female head	10 157	722	1 127	1 779	1 994	1 427	1 657	665	460	216	110	11 800
Under 25 years	7 668	482	751	1 408	1 555	1 091	1 279	496	370	174	62	11 900
65 years and over	2 489	240	376	371	439	336	378	169	90	42	48	11 500
One-person households	9 264	785	1 157	1 716	1 766	1 386	1 422	478	336	127	91	11 400
Under 65 years	4 752	296	470	836	950	836	775	275	195	68	51	12 400
65 years and over	4 512	489	687	880	816	550	647	203	141	59	40	10 600
INCOME IN 1969												
Less than \$2,000	8 459	1 106	1 566	1 834	1 498	897	812	272	278	127	69	9 600
\$2,000 to \$2,999	3 900	401	625	929	691	468	494	161	71	33	27	10 000
\$3,000 to \$3,999	4 075	324	501	869	850	676	534	155	85	55	26	11 000
\$4,000 to \$4,999	4 369	272	523	964	1 016	600	610	210	97	52	25	11 000
\$5,000 to \$5,999	5 029	195	544	1 070	1 108	856	761	235	177	56	27	11 600
\$6,000 to \$6,999	5 397	156	496	1 081	1 282	993	918	215	198	49	9	11 900
\$7,000 to \$9,999	19 748	436	1 011	3 225	4 756	4 085	4 017	1 212	721	181	104	12 800
\$10,000 to \$14,999	28 046	205	741	2 456	4 894	5 691	7 604	3 438	2 357	533	127	15 000
\$15,000 to \$24,999	15 945	40	219	696	1 412	1 957	4 162	2 618	3 085	1 340	416	19 300
\$25,000 or more	5 547	5	15	57	113	228	458	578	1 209	1 518	1 366	36 100
Median	\$9 900	\$3 200	\$4 800	\$6 900	\$8 500	\$9 700	\$11 300	\$13 000	\$15 500	\$21 600	\$33 100	...
YEAR MOVED INTO UNIT												
1969 to March 1970	9 983	142	236	950	1 421	1 551	2 174	1 191	1 382	565	371	16 400
1968	7 587	68	201	645	1 145	1 239	1 760	853	1 005	470	201	16 100
1967	6 725	66	236	709	1 008	1 034	1 575	717	849	357	174	15 900
1965 and 1966	12 943	142	444	1 351	2 023	2 179	2 835	1 637	1 425	697	210	15 500
1960 to 1964	20 748	454	1 012	2 474	3 122	3 653	4 891	2 176	1 692	814	460	14 800
1950 to 1959	28 287	885	2 069	4 472	5 930	4 956	5 119	1 918	1 519	832	587	12 900
1949 or earlier	14 372	1 409	1 973	2 595	2 953	2 012	1 891	642	439	232	226	11 000
HEATING EQUIPMENT												
Steam or hot water	5 815	100	187	357	1 110	1 071	1 289	527	491	335	348	15 200
Warm-air furnace	52 607	210	456	1 786	5 756	9 033	15 083	7 757	7 332	3 461	1 733	17 700
Built-in electric units	2 083	52	215	328	434	347	355	140	141	33	38	12 600
Floor, wall, or pipeless furnace	28 063	911	2 760	7 629	8 070	4 956	2 974	473	202	45	43	10 800
Other means	11 924	1 860	2 618	3 076	2 244	1 044	669	197	112	70	34	8 700
None	23	7	5	5	6	—	—	—	—	—	—	...</

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]

Memphis	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	81 255	7 838	5 916	9 281	9 028	15 898	10 958	11 310	6 574	2 218	262	1 972	89
ROOMS													
1 room	1 915	762	185	198	164	242	100	131	19	-	-	114	57
2 rooms	4 674	1 638	655	659	435	430	402	283	61	7	-	104	60
3 rooms	22 988	2 667	3 425	5 566	3 533	3 454	2 288	1 193	516	64	7	275	69
4 rooms	30 204	1 834	1 214	2 095	3 677	7 733	4 479	5 960	2 330	537	34	311	95
5 rooms	13 425	721	305	554	819	2 875	2 416	2 249	2 196	796	51	443	110
6 rooms	5 482	145	107	177	316	820	908	1 101	1 022	457	65	364	122
7 rooms	1 771	50	25	20	68	222	266	281	342	256	40	201	134
8 rooms or more	796	21	-	12	16	122	99	112	88	101	65	160	133
Median	3.9	3.1	3.1	3.2	3.6	4.0	4.1	4.2	4.7	5.1	6.1	4.9	...
PERSONS													
1 person	20 339	3 523	2 103	2 592	1 981	3 375	2 391	2 214	1 122	314	34	690	78
2 persons	22 507	1 658	1 376	2 393	2 107	4 201	3 306	4 191	2 033	604	86	548	96
3 persons	13 551	680	692	1 327	1 496	2 756	2 028	2 389	1 438	422	51	272	97
4 persons	9 238	651	557	926	1 020	1 920	1 215	1 299	1 013	395	27	215	93
5 persons	5 768	422	358	655	763	1 228	828	599	499	277	45	94	89
6 persons or more	9 856	904	830	1 388	1 661	2 418	1 190	618	469	206	19	153	80
Median	2.4	1.7	2.1	2.4	2.8	2.6	2.4	2.3	2.6	3.0	2.7	2.0	...
Units with roomers, boarders, or lodgers	2 693	196	191	324	298	532	386	433	247	51	-	35	89
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	77 911	6 216	5 318	8 913	8 827	15 660	10 865	11 233	6 549	2 218	256	1 856	90
0.51 to 1.00	33 687	2 700	2 111	3 058	3 023	6 171	4 909	6 081	3 233	1 089	166	1 146	97
1.01 to 1.50	30 655	2 269	1 881	3 305	3 210	6 176	4 644	4 486	2 978	1 024	84	598	94
1.51 or more	7 586	869	572	1 124	1 269	2 024	792	500	267	86	6	77	79
Median	5 983	378	754	1 426	1 325	1 289	520	165	71	19	-	35	73
Lacking some or all plumbing facilities													
0.50 or less	3 344	1 622	598	368	201	238	93	77	23	-	-	116	50
0.51 to 1.00	1 222	617	231	102	47	98	27	24	25	-	-	6	45
1.01 to 1.50	1 404	796	170	162	80	86	18	35	-	-	-	57	50
1.51 or more	258	74	78	34	17	8	29	10	-	-	-	8	57
Median	460	135	119	70	57	46	19	8	-	-	-	6	58
BEDROOMS													
None	2 578	861	366	424	194	232	241	89	-	-	-	171	59
1	26 634	3 838	3 289	5 468	4 439	4 309	2 907	1 469	585	42	-	288	71
2	39 556	2 113	1 549	2 879	4 123	9 901	5 816	7 660	3 932	831	94	658	98
3 or more	12 791	1 008	462	470	819	1 951	1 690	1 768	2 218	1 273	158	974	114
YEAR STRUCTURE BUILT													
1969 to March 1970	3 145	258	71	53	101	215	173	724	984	506	36	24	149
1965 to 1968	11 395	260	142	197	329	1 317	1 860	4 111	2 260	665	106	148	131
1960 to 1964	10 757	266	314	688	811	2 063	2 259	2 380	1 325	488	46	117	110
1950 to 1959	17 916	1 180	1 215	2 328	2 295	4 071	2 988	1 966	1 105	367	29	372	88
1940 to 1949	15 682	1 882	1 580	2 605	2 377	3 627	1 787	980	367	74	9	394	77
1939 or earlier	22 360	3 992	2 594	3 410	3 115	4 605	1 891	1 149	533	118	36	917	72
ELEVATOR IN STRUCTURE													
4 floors or more	2 978	128	163	132	40	349	500	575	513	334	76	168	125
With elevator	2 895	108	140	110	22	349	500	575	513	334	76	168	127
Walk-up	83	20	23	22	18	-	-	-	-	-	-	-	...
1 to 3 floors	78 581	7 692	5 503	9 109	9 535	16 044	10 154	10 411	6 222	1 812	176	1 923	87
COMPLETE BATHROOMS													
1 and 1/2	72 484	5 902	5 275	8 618	8 371	15 160	10 803	10 847	5 159	905	26	1 418	89
2 or more	4 317	78	36	77	76	228	163	474	1 269	1 317	238	361	183
None or also used by another household	4 319	1 776	749	560	381	383	138	114	44	-	-	174	54
INCOME IN 1969													
Less than \$2,000	17 110	4 629	2 262	2 789	2 054	2 254	1 013	981	439	120	27	542	65
\$2,000 to \$2,999	6 995	1 068	833	1 141	1 032	1 298	593	544	254	40	-	192	73
\$3,000 to \$3,999	7 910	855	879	1 321	1 201	1 483	996	710	310	37	-	118	77
\$4,000 to \$4,999	7 434	419	561	1 090	1 107	1 924	968	895	294	35	5	136	84
\$5,000 to \$5,999	6 937	330	445	875	984	1 710	1 063	982	299	43	7	199	88
\$6,000 to \$6,999	6 347	202	267	607	721	1 664	1 158	1 089	476	68	-	95	96
\$7,000 to \$9,999	14 360	239	437	1 021	1 308	3 386	2 962	2 887	1 542	281	20	277	104
\$10,000 to \$14,999	9 986	77	184	397	499	1 712	1 730	2 395	1 910	772	39	271	123
\$15,000 to \$24,999	3 369	19	34	65	373	416	731	731	619	91	50	116	148
\$25,000 or more	807	15	6	57	94	59	96	96	139	203	114	24	173
Median	\$5 200	\$2000-	\$2 800	\$3 500	\$4 200	\$5 600	\$6 700	\$7 500	\$9 400	\$13 100	\$21 600	\$5 000	...
YEAR MOVED INTO UNIT													
1969 to March 1970	34 139	1 876	1 686	2 666	3 049	6 147	5 853	6 688	4 306	1 394	155	319	105
1968	11 999	835	725	1 113	1 395	2 508	1 919	1 954	963	336	35	216	94
1967	7 128	643	499	834	779	1 687	987	1 025	361	151	33	129	88
1965 and 1966	9 769	1 087	823	1 512	1 157	2 302	1 130	913	466	151	15	213	81
1960 to 1964	9 472	1 465	1 015	1 734	1 426	1 823	704	557	276	151	20	301	73
1950 to 1959	6 361	1 291	1 007	1 132	796	990	407	227	70	32	-	409	66
1949 or earlier	2 252	559	305	264	226	314	104	71	30	7	6	366	63
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	6 205	852	668	876	761	1 496	647	461	283	133	28	...	79
10 to 14 percent	14 333	1 116	920	1 676	1 728	3 468	2 271	1 862	957	292	43	...	89
15 to 19 percent	14 696	977	806	1 451	1 522	2 980	2 501	2 445	1 436	530	48	...	97
20 to 24 percent	10 913	932	600	1 033	1 066	2 201	1 525	1 851	1 181	488	36	...	96
25 to 34 percent	11 289	1 323	769	1 065	1 209	1 995	1 568	1 871	1 109	346	34	...	92
35 percent or more	19 890	2 224	1 961	2 828	2 440	3 449	2 345	2 666	1 534	391	52	...	83
Not computed	3 929	414	192	352	302	309	101	154	74	38	21	1 972	71
AIR CONDITIONING													
Room unit(s)	29 651	988	1 158	2 722	3 367	9 077	5 486	3 408	1 991	362	45	1 047	93
Central system	18 325	74	46	95	213	805	3 473	7 114	4 145	1 802	219	339	138
None	33 144	6 694	4 856	6 438	5 248	5 889	2 145	913	336	58	-	567	67

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)

Memphis	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	107 476	9 903	4 420	4 574	4 893	5 534	5 978	21 001	29 110	16 404	5 659	9 600
ROOMS												
1 and 2 rooms	478	190	28	28	49	18	21	69	39	16	20	3 800
3 rooms	2 547	1 030	304	204	190	195	110	249	200	56	9	2 800
4 rooms	10 955	2 249	911	928	893	954	880	2 247	1 482	317	74	5 500
5 rooms	30 824	3 107	1 542	1 667	1 832	1 952	2 229	7 431	8 178	2 588	298	8 200
6 rooms	31 827	2 056	1 091	1 027	1 238	1 795	1 539	6 887	10 559	4 787	748	10 100
7 rooms or more	30 845	1 251	544	720	691	876	943	4 018	8 652	8 640	4 510	13 700
PERSONS												
1 person	10 997	4 674	1 366	1 039	698	821	493	999	591	214	102	2 600
2 persons	30 197	2 997	1 761	1 725	2 009	2 005	2 050	5 858	6 887	3 522	1 383	8 300
3 and 4 persons	41 553	1 456	874	1 055	1 279	1 648	1 964	8 882	13 882	8 098	2 415	11 300
5 persons	12 074	286	156	218	313	419	558	2 442	4 092	2 585	1 005	12 000
6 persons or more	12 655	490	263	537	594	641	913	2 820	3 658	1 985	754	10 100
Units with roomers, boarders, or lodgers	2 536	860	252	210	230	158	153	372	152	119	30	3 700
BEDROOMS												
Less than 3	38 863	6 750	3 168	2 288	2 572	2 469	3 234	7 698	7 606	2 501	577	6 700
3	54 576	2 675	1 316	1 685	1 998	2 092	2 259	10 972	19 193	9 997	2 389	11 100
4 or more	13 877	550	221	335	325	387	589	1 835	3 070	3 938	2 627	14 400
YEAR STRUCTURE BUILT												
1969 to March 1970	2 223	125	55	24	77	123	131	370	630	458	230	11 600
1960 to 1968	24 839	814	343	485	563	818	1 087	4 773	8 643	5 461	1 852	12 000
1950 to 1959	40 511	2 214	1 219	1 369	1 672	2 036	2 141	8 724	12 282	6 736	2 118	10 400
1949 or earlier	39 903	6 750	2 803	2 696	2 581	2 557	2 619	7 134	7 555	3 749	1 459	7 000
YEAR MOVED INTO UNIT												
1969 to March 1970	10 882	757	302	418	487	589	838	2 445	2 948	1 498	600	9 500
1968	8 114	470	145	204	246	382	445	1 801	2 677	1 312	432	10 700
1960 to 1967	42 652	2 543	1 052	1 592	1 724	2 096	2 275	8 789	12 740	7 311	2 530	10 500
1959 or earlier	45 852	6 165	2 830	2 423	2 446	2 641	2 383	8 054	10 567	6 191	2 152	8 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	86 688	4 801	2 814	2 739	3 397	3 592	4 621	17 163	26 838	15 375	5 348	10 800
Clothes dryer	44 856	1 430	724	671	876	907	1 351	7 556	15 538	11 173	4 630	12 900
Dishwasher	28 055	722	370	341	546	539	842	3 310	8 321	8 643	4 421	14 400
Home food freezer	40 566	2 409	1 421	1 440	1 359	1 391	2 107	7 802	12 869	6 997	2 771	10 900
Owned second home	3 624	151	95	83	119	124	142	442	1 065	694	709	13 100
With air conditioning	94 862	5 870	3 102	3 585	3 880	4 592	5 017	19 375	27 784	15 985	5 672	10 400
Room unit(s)	66 424	5 028	2 714	3 061	3 357	3 796	4 348	15 730	19 000	8 041	1 349	9 100
Central system	28 438	842	388	524	523	796	669	3 645	8 784	7 944	4 323	13 900
Automobiles available:												
1	44 623	3 919	2 300	2 664	2 978	3 681	3 676	11 497	10 326	3 074	508	7 800
2	44 218	951	475	710	897	1 180	1 574	8 026	16 114	10 506	3 785	12 600
3 or more	6 941	84	63	59	63	109	96	616	1 924	2 542	1 385	16 800
Renter occupied housing units	82 559	17 486	7 150	8 069	7 548	7 012	6 454	14 508	10 099	3 421	812	5 100
ROOMS												
1 room	1 919	715	281	212	164	105	100	213	81	22	26	2 900
2 rooms	4 750	2 077	484	551	349	299	311	418	175	60	26	2 600
3 rooms	23 401	7 155	2 788	2 863	2 456	1 943	1 547	3 000	1 243	315	91	3 400
4 rooms	30 753	4 963	2 349	2 898	3 196	3 056	2 717	6 181	4 048	1 152	193	5 600
5 rooms	13 540	1 730	855	1 012	934	1 014	1 284	2 978	2 583	909	241	7 000
6 rooms or more	8 196	846	393	533	449	595	495	1 718	1 969	963	235	8 400
PERSONS												
1 person	20 591	8 374	2 253	2 112	1 684	1 354	1 155	2 125	1 012	366	156	2 900
2 persons	22 788	3 903	2 079	2 124	2 219	2 046	1 647	4 153	3 146	1 216	255	5 500
3 and 4 persons	23 184	2 782	1 603	1 991	2 101	2 144	2 177	5 106	3 808	1 202	270	6 400
5 persons	5 862	829	402	547	506	469	496	1 315	928	310	60	6 400
6 persons or more	10 134	1 598	813	1 295	1 038	999	979	1 809	1 205	327	71	5 300
Units with roomers, boarders, or lodgers	2 736	1 127	236	349	321	158	114	272	113	41	5	3 000
BEDROOMS												
None	2 578	954	321	389	219	104	123	235	208	25	-	3 000
1	27 017	8 204	3 169	3 041	2 771	2 552	1 835	3 522	1 283	529	111	3 700
2	40 076	6 443	2 903	3 518	4 203	3 464	3 328	8 097	5 896	1 816	408	5 900
3 or more	12 891	1 776	713	857	671	991	975	2 705	2 761	1 161	281	7 500
YEAR STRUCTURE BUILT												
1969 to March 1970	3 224	406	214	178	238	259	168	590	750	361	60	7 800
1960 to 1968	22 434	2 440	1 476	1 654	1 938	1 953	2 127	4 975	3 932	1 550	389	6 800
1950 to 1959	18 228	3 275	1 378	1 995	1 654	1 635	1 522	3 600	2 354	630	185	5 500
1949 or earlier	38 673	11 365	4 082	4 242	3 718	3 165	2 637	5 343	3 063	880	178	3 900
YEAR MOVED INTO UNIT												
1969 to March 1970	34 671	6 000	2 945	3 226	3 250	2 968	3 054	6 683	4 609	1 593	343	5 600
1968	12 215	2 045	809	1 153	1 129	1 163	1 013	2 346	1 902	536	119	5 800
1960 to 1967	26 829	6 173	2 619	2 766	2 422	2 118	2 075	4 424	2 952	984	296	4 800
1959 or earlier	8 833	3 330	741	1 008	699	671	427	1 054	637	216	50	3 300
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	81 255	17 110	6 995	7 910	7 434	6 937	6 347	14 360	9 986	3 369	807	5 200
Less than 15 percent	20 538	14	157	523	614	1 303	1 634	6 471	6 344	2 738	740	9 800
15 to 19 percent	14 696	249	384	867	1 723	2 069	2 120	4 433	2 373	451	27	7 000
20 to 24 percent	10 913	536	578	1 693	2 040	1 581	1 424	2 189	803	58	11	5 400
25 to 34 percent	11 289	1 321	1 888	2 592	2 000	1 499	915	890	180	4	-	3 900
35 percent or more	19 890	12 491	3 796	2 117	921	286	159	100	15	-	-	2000-
Not computed	3 929	2 499	192	118	136	199	95	277	271	118	24	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	27 579	3 132	1 339	2 200	2 035	2 411	2 384	6 669	5 220	1 640	549	7 100
Clothes dryer	7 780	451	231	331	345	547	585	1 856	1 994	947	293	8 900
Dishwasher	13 235	730	472	628	819	980	1 003	2 943	3 466	1 814	380	9 000
Home food freezer	9 250	1 520	533	795	847	822	615	1 845	1 619	555	99	6 200
Owned second home	1 897	182	42	103	130	166	86	260	660	183	85	9 800
With air conditioning	48 558	5 550	3 021	3 805	4 106	4 229	4 507	10 904	8 581	3 107	748	6 800
Room unit(s)	29 973	4 098	2 027	2 840	2 890	2 872	2 842	6 600	4 382	1 208	214	6 100
Central system	18 585	1 452	994	965	1 216	1 357	1 665	4 304	4 199	1 899	534	8 100
Automobiles available:												
1	38 469	4 054	2 385	3 518	3 949	4 195						

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]

Memphis	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	107 476	106 213	55 726	42 943	5 644	1 900	1 263	703	346	98	116
PERSONS											
1 person	10 997	10 582	10 557	25	—	—	415	406	9	—	—
2 persons	30 197	29 834	28 844	955	—	35	363	250	108	—	5
3 persons	21 152	20 998	12 630	8 332	26	10	154	44	101	9	—
4 persons	20 401	20 308	2 737	17 334	194	43	93	3	82	8	—
5 persons	12 074	12 028	958	10 308	635	127	46	—	24	4	18
6 persons or more	12 655	12 463	—	5 989	4 789	1 685	192	—	22	77	93
Median	3.1	3.1	2.1	4.2	6.7	7.5+	2.1	1.4	3.1	...	7.5+
Units with roomers, boarders, or lodgers	2 536	2 456	1 209	1 057	132	58	80	30	43	7	—
YEAR STRUCTURE BUILT											
1969 to March 1970	2 157	2 157	1 029	982	99	47	—	—	—	—	—
1965 to 1968	10 135	10 102	4 481	5 308	241	72	33	12	21	—	—
1960 to 1964	14 706	14 654	6 493	7 333	708	120	52	14	25	7	6
1950 to 1959	40 545	40 284	18 432	18 588	2 517	747	261	95	105	32	29
1940 to 1949	18 889	18 588	11 028	5 955	1 175	430	301	162	98	14	27
1939 or earlier	21 068	20 461	13 961	5 070	941	489	607	371	153	31	52
INCOME IN 1969											
Less than \$2,000	9 903	9 328	7 284	1 601	262	181	575	422	126	15	12
\$2,000 to \$2,999	4 420	4 301	3 160	903	165	73	119	72	14	8	25
\$3,000 to \$3,999	4 574	4 502	2 930	1 106	288	178	72	38	25	4	5
\$4,000 to \$4,999	4 893	4 827	2 887	1 404	389	147	66	29	14	18	5
\$5,000 to \$5,999	5 534	5 482	3 207	1 730	388	157	52	32	14	6	—
\$6,000 to \$6,999	5 978	5 897	3 085	2 131	463	218	81	33	21	9	18
\$7,000 to \$9,999	21 001	20 881	9 172	9 645	1 613	451	120	26	41	16	37
\$10,000 to \$14,999	29 110	28 976	12 311	14 892	1 433	340	134	35	68	17	14
\$15,000 to \$24,999	16 404	16 379	7 989	7 685	559	146	25	16	9	—	—
\$25,000 or more	5 659	5 640	3 701	1 846	84	9	19	—	14	5	—
Median	\$9 600	\$9 700	\$8 700	\$11 000	\$8 600	\$7 000	\$2 500	\$2000—	\$4 600	...	\$6 600
VALUE-INCOME RATIO											
Specified owner occupied ¹	100 515	99 534	51 876	40 789	5 231	1 638	981	515	276	90	100
Less than 1.5	46 262	45 937	19 406	22 167	3 329	1 035	325	74	134	59	58
1.5 to 1.9	19 620	19 503	9 726	8 743	816	218	117	57	25	5	30
2.0 to 2.4	10 065	9 987	5 421	4 072	357	137	78	46	21	11	—
2.5 to 2.9	5 856	5 804	3 526	2 004	212	62	52	37	10	—	5
3.0 to 3.9	5 965	5 875	4 046	1 583	187	59	90	66	20	4	—
4.0 or more	11 541	11 261	8 871	1 979	290	121	280	212	55	6	7
Not computed	1 206	1 167	880	241	40	6	39	23	11	5	—
HEATING EQUIPMENT											
Steam or hot water	6 676	6 599	5 040	1 260	217	82	77	37	34	—	6
Warm-air furnace	54 549	54 413	27 300	24 822	1 929	362	136	73	52	6	5
Built-in electric units	2 335	2 320	988	1 054	212	66	15	—	10	—	5
Floor, wall, or pipeless furnace	30 196	30 009	15 952	11 296	2 059	702	187	123	44	9	11
Other means	13 694	12 851	6 443	4 499	1 227	682	843	465	206	83	89
None	26	21	3	12	—	6	5	5	—	—	—
Renter occupied housing units	82 559	79 167	34 142	31 103	7 777	6 145	3 392	1 236	1 418	263	475
PERSONS											
1 person	20 591	18 820	17 858	962	—	—	1 771	1 068	703	—	—
2 persons	22 788	22 155	14 710	7 361	—	84	633	163	412	—	58
3 persons	13 755	13 486	1 385	11 906	164	31	269	—	193	67	9
4 persons	9 429	9 222	160	7 226	1 724	112	207	5	66	81	55
5 persons	5 862	5 748	29	2 574	1 987	1 158	114	—	16	23	75
6 persons or more	10 134	9 736	—	1 074	3 902	4 760	398	—	28	92	278
Median	2.4	2.4	1.5	3.1	5.5	7.0	1.5	1.1	1.5	4.3	6.3
Units with roomers, boarders, or lodgers	2 736	2 582	949	1 274	213	146	154	15	78	18	43
YEAR STRUCTURE BUILT											
1969 to March 1970	3 149	3 100	1 481	1 401	164	54	49	21	20	8	—
1965 to 1968	11 417	11 384	6 033	4 524	638	189	33	4	14	15	—
1960 to 1964	10 924	10 797	5 057	4 241	972	527	127	35	60	7	25
1950 to 1959	18 223	17 849	6 065	7 844	2 139	1 801	374	105	155	40	74
1940 to 1949	15 844	15 189	6 002	5 682	1 871	1 634	655	274	218	52	111
1939 or earlier	22 991	20 862	9 779	6 984	2 063	2 036	2 129	763	976	148	242
INCOME IN 1969											
Less than \$2,000	17 486	15 862	8 936	4 443	1 316	1 167	1 624	841	586	44	153
\$2,000 to \$2,999	7 150	6 730	3 031	2 491	619	589	420	106	181	60	73
\$3,000 to \$3,999	8 069	7 668	3 056	2 822	927	863	401	83	222	35	61
\$4,000 to \$4,999	7 548	7 295	2 922	2 714	889	770	253	61	110	33	49
\$5,000 to \$5,999	7 012	6 758	2 689	2 653	728	688	254	64	127	42	21
\$6,000 to \$6,999	6 454	6 344	2 263	2 802	705	574	110	23	42	10	35
\$7,000 to \$9,999	14 508	14 323	5 152	6 666	1 495	1 010	185	27	106	15	37
\$10,000 to \$14,999	10 099	9 967	4 037	4 663	886	381	132	31	31	24	46
\$15,000 to \$24,999	3 421	3 414	1 615	1 558	170	71	7	—	7	—	—
\$25,000 or more	812	806	441	291	42	32	6	—	6	—	—
Median	\$5 100	\$5 300	\$4 700	\$6 200	\$5 200	\$4 600	\$2 200	\$2000—	\$2 700	\$3 800	\$3 200
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	81 255	77 911	33 687	30 655	7 586	5 983	3 344	1 222	1 404	258	460
Less than 10 percent	6 205	5 880	1 858	2 473	847	702	325	38	187	43	57
10 to 14 percent	14 333	13 888	4 803	6 300	1 598	1 187	445	118	208	30	89
15 to 19 percent	14 696	14 338	5 197	6 484	1 617	1 171	358	69	182	54	53
20 to 24 percent	10 913	10 665	4 485	4 294	1 082	804	248	70	91	36	51
25 to 34 percent	11 289	10 866	4 895	4 417	852	702	423	172	180	34	37
35 percent or more	19 890	18 610	10 413	5 478	1 369	1 350	1 280	650	446	53	131
Not computed	3 929	3 664	2 036	1 209	221	198	265	105	110	8	42
HEATING EQUIPMENT											
Steam or hot water	7 177	6 757	4 156	2 007	313	281	420	91	318	—	11
Warm-air furnace	25 113	24 816	12 754	10 465	1 259	338	297	96	152	5	44
Built-in electric units	6 098	6 037	2 604	2 446	570	417	61	21	14	14	12
Floor, wall, or pipeless furnace	19 869	19 592	7 116	8 304	2 366	1 806	277	95	110	43	29
Other means	24 214	21 898	7 492	7 862	3 251	3 293	2 316	912	824	201	379
None	88	67	20	19	18	10	21	21	—	—	—

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]

Memphis	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	107 476	114	364	2 547	10 955	30 824	31 827	18 922	11 923	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	105 829	112	293	2 170	10 333	30 836	31 409	18 753	11 923	5.8
PERSONS										
1 person	10 997	34	132	856	2 174	3 903	2 544	813	541	5.1
2 persons	30 197	40	133	930	3 892	9 946	8 752	4 402	2 102	5.5
3 persons	21 152	10	35	298	2 106	6 029	6 537	4 193	1 944	5.8
4 persons	20 401	15	28	202	1 093	5 397	6 417	4 509	2 740	6.0
5 persons	12 074	11	11	123	639	2 778	3 647	2 552	2 313	6.2
6 persons or more	12 655	4	25	138	1 051	2 771	3 930	2 453	2 283	6.1
Median	3.1	2.1	1.9	1.9	2.3	2.8	3.2	3.5	4.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	106 213	100	277	2 278	10 568	30 544	31 736	18 842	11 868	5.8
0.50 or less	55 726	—	81	741	5 814	13 668	17 788	9 378	8 256	5.9
0.51 to 1.00	42 943	25	111	1 121	3 131	14 139	11 928	9 015	3 473	5.7
1.01 to 1.50	5 644	—	26	194	1 002	2 174	1 731	389	128	5.2
1.51 or more	1 900	75	59	222	621	563	289	60	11	4.5
Lacking some or all plumbing facilities	1 263	14	87	269	387	280	91	80	55	4.2
0.50 or less	703	—	51	115	252	181	45	30	29	4.2
0.51 to 1.00	346	9	22	107	68	65	31	34	10	4.0
1.01 to 1.50	98	—	9	8	23	22	10	10	16	...
1.51 or more	116	5	5	39	44	12	5	6	—	3.7
BEDROOMS										
None and 1	3 630	82	299	1 762	921	336	146	18	66	3.3
2	35 233	—	—	1 002	9 700	15 315	7 655	1 275	286	5.0
3	54 576	—	—	—	703	13 993	22 792	14 323	2 765	6.1
4 or more	13 877	—	—	—	—	130	1 609	3 367	8 771	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	2 223	5	—	30	153	460	475	450	650	6.5
1960 to 1968	24 839	10	28	215	1 000	5 509	7 655	6 408	4 014	6.2
1950 to 1959	40 511	15	119	468	3 968	13 033	13 393	6 684	2 831	5.7
1949 or earlier	39 903	84	217	1 834	5 834	11 822	10 304	5 380	4 428	5.5
COMPLETE BATHROOMS										
1 and 1 1/2	76 188	79	260	1 976	10 073	28 779	24 255	8 378	2 388	5.4
2 or more	29 787	33	33	212	285	2 099	7 176	10 407	9 542	7.0
None or also used by another household	1 525	19	108	294	439	321	184	98	62	4.3
VALUE-INCOME RATIO										
Specified owner occupied¹	100 515	68	251	1 649	9 072	28 899	30 757	18 350	11 469	5.8
Less than 1.5	46 262	27	98	549	4 292	14 478	14 627	7 793	4 398	5.8
1.5 to 1.9	19 620	10	30	234	1 199	5 073	6 464	4 178	2 432	6.0
2.0 to 2.9	15 921	16	17	211	1 227	3 764	4 584	3 523	2 579	6.1
3.0 or more	17 506	10	91	573	2 130	5 226	4 785	2 692	1 999	5.7
Not computed	1 206	5	15	82	224	358	297	164	61	5.3
Renter occupied housing units	82 559	1 919	4 750	23 401	30 753	13 540	5 569	1 816	811	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	77 275	685	3 438	21 961	30 061	13 225	5 353	1 802	750	3.9
PERSONS										
1 person	20 591	1 665	3 103	8 605	5 233	1 358	425	139	63	3.1
2 persons	22 788	142	1 038	6 735	10 031	3 512	958	284	88	3.8
3 persons	13 755	40	231	2 938	6 358	2 803	989	285	111	4.1
4 persons	9 429	30	137	1 805	3 905	2 116	987	284	165	4.2
5 persons	5 862	22	82	1 129	2 010	1 443	770	291	115	4.3
6 persons or more	10 134	20	159	2 189	3 216	2 308	1 440	533	269	4.3
Median	2.4	1.1	1.3	2.0	2.5	3.2	3.9	4.2	4.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	79 167	1 117	3 809	22 499	30 266	13 383	5 518	1 786	789	3.9
0.50 or less	34 142	—	2 467	8 297	15 063	4 822	2 355	698	440	3.9
0.51 to 1.00	31 103	962	879	9 339	10 135	6 310	2 232	919	327	3.9
1.01 to 1.50	7 777	—	164	1 724	3 369	1 634	766	102	18	4.1
1.51 or more	6 145	155	299	3 139	1 699	617	165	67	4	3.3
Lacking some or all plumbing facilities	3 392	802	941	902	487	157	51	30	22	2.5
0.50 or less	1 236	—	636	308	201	48	17	10	16	2.5
0.51 to 1.00	1 418	703	159	334	128	52	16	20	6	1.5
1.01 to 1.50	263	—	67	81	60	37	18	—	—	3.3
1.51 or more	475	99	79	179	98	20	—	—	—	2.8
BEDROOMS										
None	2 578	1 955	436	187	—	—	—	—	—	1.2
1	27 017	—	4 405	18 831	3 436	242	65	—	38	3.0
2	40 076	—	—	3 836	26 432	8 203	1 255	260	90	4.1
3 or more	12 891	—	—	—	802	5 223	4 333	1 690	843	5.6
YEAR STRUCTURE BUILT										
1969 to March 1970	3 224	18	30	341	1 670	922	183	35	25	4.2
1960 to 1968	22 434	284	667	4 869	11 755	3 288	1 131	315	125	4.0
1950 to 1959	18 228	249	628	5 230	6 244	3 477	1 707	526	167	4.0
1949 or earlier	38 673	1 368	3 425	12 961	11 084	5 853	2 548	940	494	3.6
COMPLETE BATHROOMS										
1 and 1 1/2	73 775	1 018	3 571	22 015	29 420	11 886	4 370	1 213	282	3.8
2 or more	4 396	41	55	134	729	1 386	994	589	468	5.4
None or also used by another household	4 377	804	1 094	1 337	740	237	99	36	30	2.7
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	81 255	1 915	4 674	22 988	30 204	13 425	5 482	1 771	796	3.9
Less than 10 percent	4 205	238	360	1 789	2 082	1 098	385	168	85	3.8
10 to 14 percent	14 333	259	655	3 324	5 823	2 769	1 084	269	150	4.0
15 to 19 percent	14 696	193	630	3 505	5 936	2 779	1 115	418	120	4.0
20 to 24 percent	10 913	159	387	2 902	4 460	1 917	799	221	68	4.0
25 to 34 percent	11 289	247	666	3 285	4 417	1 636	785	169	64	3.8
35 percent or more	19 890	542	1 683	7 158	6 643	2 528	875	301	140	3.6
Not computed	3 929	237	293	1 025	843	698	439	225	169	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 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)

Memphis	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	107 476	102 655	3 809	1 012	82 559	30 022	13 363	8 128	11 065	9 994	9 812	175
ROOMS												
1 room	114	68	36	10	1 919	244	84	143	202	369	877	-
2 rooms	364	260	78	26	4 750	1 091	677	552	495	792	1 137	6
3 rooms	2 547	1 731	687	129	23 401	6 899	5 838	2 420	2 475	2 913	2 812	44
4 rooms	10 955	9 332	1 080	543	30 753	8 319	4 344	3 301	6 097	4 652	3 965	75
5 rooms	30 824	29 606	963	255	13 540	7 091	1 804	1 359	1 367	1 089	786	44
6 rooms	31 827	31 313	483	31	5 569	4 297	400	262	321	122	167	-
7 rooms	18 922	18 655	249	18	1 816	1 422	157	66	81	36	54	-
8 rooms or more	11 923	11 690	233	-	811	659	59	25	27	21	14	6
Median	5.8	5.8	4.5	4.1	3.9	4.3	3.5	3.8	3.9	3.7	3.5	4.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	106 213	101 625	3 590	998	79 167	28 858	12 883	7 785	10 718	9 397	9 351	175
0.50 or less	55 726	52 852	2 344	530	34 142	10 409	5 070	3 453	4 988	4 381	5 783	58
0.51 to 1.00	42 943	41 581	973	389	31 103	12 045	5 045	3 155	4 121	3 534	3 122	81
1.01 to 1.50	5 644	5 415	185	44	7 777	3 550	1 283	610	1 037	1 036	236	25
1.51 or more	1 900	1 777	88	35	6 145	2 854	1 485	567	572	446	210	11
Lacking some or all plumbing facilities	1 263	1 030	219	14	3 392	1 164	480	343	347	447	461	-
0.50 or less	703	549	150	4	1 236	450	231	136	119	172	128	-
0.51 to 1.00	346	286	50	10	1 418	361	149	109	181	322	296	-
1.01 to 1.50	98	90	8	-	263	155	23	20	9	43	13	-
1.51 or more	116	105	11	-	475	198	77	78	38	60	24	-
BEDROOMS												
None	102	62	40	-	2 578	322	287	194	429	505	841	-
1	3 528	2 352	1 117	59	27 017	7 506	6 076	2 793	3 054	3 719	3 869	-
2	35 233	32 790	1 734	709	40 076	13 683	6 109	4 505	6 535	4 750	4 308	188
3	54 576	53 699	644	233	10 793	7 473	646	730	982	635	280	47
4 or more	13 877	13 509	368	-	2 098	1 491	142	62	267	96	40	-
YEAR STRUCTURE BUILT												
1969 to March 1970	2 223	1 997	35	191	3 224	572	269	669	730	553	425	6
1965 to 1968	10 278	9 777	149	352	11 530	1 731	743	1 268	3 406	2 125	2 209	48
1960 to 1964	14 561	14 132	146	283	10 904	2 527	828	717	1 876	1 947	2 971	38
1950 to 1959	40 511	39 853	536	122	18 228	8 799	3 436	1 366	1 754	1 426	1 410	37
1940 to 1949	18 906	17 977	877	52	15 985	7 432	3 708	1 399	1 241	1 512	669	24
1939 or earlier	20 997	18 919	2 066	12	22 688	8 961	4 379	2 709	2 058	2 431	2 128	22
INCOME IN 1969												
Less than \$2,000	9 903	8 823	997	83	17 486	6 367	2 956	1 807	2 322	2 359	1 630	45
\$2,000 to \$2,999	4 420	4 019	342	59	7 150	2 380	1 351	666	942	1 016	784	11
\$3,000 to \$3,999	4 574	4 216	322	36	8 069	2 659	1 558	856	996	1 177	820	3
\$4,000 to \$4,999	4 893	4 524	292	77	7 548	2 498	1 312	840	1 038	959	885	16
\$5,000 to \$5,999	5 534	5 179	264	91	7 012	2 495	1 238	781	931	802	756	9
\$6,000 to \$6,999	5 978	5 583	304	91	6 454	2 320	1 024	540	952	791	821	6
\$7,000 to \$7,999	21 001	20 218	508	275	14 508	5 464	2 282	1 299	1 851	1 612	1 941	59
\$8,000 to \$8,999	29 110	28 380	494	236	10 099	4 171	1 280	887	1 506	931	1 304	20
\$9,000 to \$9,999	16 404	16 119	237	48	3 421	1 371	258	376	478	267	665	6
\$10,000 to \$14,999	5 659	5 594	49	16	812	297	104	76	49	80	206	-
\$15,000 or more	5 659	5 594	49	16	812	297	104	76	49	80	206	-
Median	\$9 600	\$9 800	\$4 800	\$7 800	\$5 100	\$5 400	\$4 600	\$4 900	\$5 300	\$4 500	\$6 000	\$6 600
YEAR MOVED INTO UNIT												
1969 to March 1970	10 882	10 161	387	334	34 671	10 978	5 090	3 820	5 379	4 622	4 689	93
1968	8 114	7 723	251	140	12 215	4 351	2 160	1 198	1 797	1 303	1 399	7
1967	7 028	6 852	129	47	7 260	2 836	1 338	629	879	743	820	13
1965 and 1966	13 768	13 158	433	177	9 914	3 911	1 588	826	1 114	1 200	1 263	12
1960 to 1964	21 856	21 086	564	204	9 455	3 802	1 835	755	1 083	1 082	1 079	19
1950 to 1959	29 022	28 147	812	63	6 151	2 581	982	622	621	819	503	23
1949 or earlier	16 830	15 594	1 217	19	2 682	1 410	422	181	228	257	177	7
GROSS RENT												
Specified renter occupied¹					81 255	28 718	13 363	8 128	11 065	9 994	9 812	175
Less than \$50	...	...	...	...	7 838	1 647	751	846	1 751	2 145	674	24
\$50 to \$59	...	...	...	...	5 914	2 279	1 314	650	676	671	287	39
\$60 to \$69	...	...	...	...	9 281	3 491	2 520	1 080	846	857	476	11
\$70 to \$79	...	...	...	...	9 028	3 319	2 423	1 020	827	891	544	4
\$80 to \$89	...	...	...	...	15 898	5 806	3 266	1 787	1 757	1 511	1 752	19
\$90 to \$99	...	...	...	...	10 958	4 084	1 660	680	1 346	1 421	1 752	15
\$100 to \$119	...	...	...	...	11 310	3 266	704	901	2 572	1 602	2 228	37
\$120 to \$149	...	...	...	...	6 574	2 427	408	927	920	673	1 209	10
\$150 to \$199	...	...	...	...	2 218	861	150	162	287	177	581	-
\$200 to \$299	...	...	...	...	262	97	23	5	11	-	126	-
\$300 or more	...	...	...	...	1 972	1 441	144	70	72	46	183	16
No cash rent	...	...	...	...	...	...	...	...	...	...	...	...
Median	...	...	...	...	\$89	\$89	\$78	\$84	\$95	\$85	\$112	\$81
HEATING EQUIPMENT												
Steam or hot water	6 676	5 973	693	10	7 177	1 239	782	1 198	1 115	1 179	1 658	6
Warm-air furnace	54 549	53 244	678	427	25 113	6 568	2 017	2 625	4 993	3 613	5 234	63
Built-in electric units	2 335	2 174	128	32	6 098	1 603	426	718	1 278	1 019	1 036	18
Floor, wall, or pipeless furnace	30 196	28 807	1 300	89	19 869	9 176	5 281	1 312	1 646	1 537	903	14
Other means	13 694	12 434	1 006	254	24 214	11 415	4 827	2 263	2 033	2 631	971	74
None	26	23	3	-	88	21	30	12	-	15	10	-
AIR CONDITIONING												
Room unit(s)	66 424	63 428	2 432	564	29 973	12 716	5 804	2 667	2 858	2 730	3 105	93
Central system	28 438	27 931	265	242	18 585	2 678	825	1 854	4 569	3 368	5 258	33
None	12 638	11 362	1 096	180	33 990	14 477	6 786	3 510	3 674	3 928	1 567	48
AUTOMOBILES AVAILABLE												
1	44 623	42 135	1 955	533	38 469	13 163	5 989	3 898	5 143	4 613	5 555	108
2	44 218	43 192	677	349	12 599	5 409	1 498	1 101	2 023	1 035	1 519	14
3 or more	6 941	6 833	78	30	1 181	563	118	141	110	148	101	-
None	11 718	10 561	1 083	74	30 299	10 736	5 810	2 891	3 825	4 230	2 755	52

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

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

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

Memphis	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	107 476	2 043	14 171	19 673	36 093	9 924	2 530	796	8 463	2 786	5 636	5 361
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	106 213	2 032	14 130	19 579	35 852	9 781	2 498	753	8 349	2 662	5 549	5 033
0.50 or less	55 726	980	3 736	4 561	20 068	7 619	1 327	531	4 476	1 871	5 543	5 014
0.51 to 1.00	42 943	938	9 372	12 356	13 500	1 886	950	165	3 080	671	6	19
1.01 to 1.50	5 644	100	878	1 997	1 645	199	155	40	556	74	-	-
1.51 or more	1 900	14	144	665	639	77	61	17	237	46	-	-
Lacking some or all plumbing facilities	1 263	11	41	94	241	143	37	43	114	124	87	328
0.50 or less	703	-	16	8	67	77	18	10	30	71	83	323
0.51 to 1.00	346	11	15	34	102	51	4	27	51	42	4	5
1.01 to 1.50	98	-	10	20	31	4	9	6	12	6	-	-
1.51 or more	116	-	-	32	41	11	6	-	21	5	-	-
UNITS IN STRUCTURE												
1	102 655	1 859	13 829	19 419	35 155	9 331	2 355	722	7 899	2 555	4 907	4 624
2 or more	3 809	41	188	156	689	549	142	74	504	226	556	684
Mobile home or trailer	1 012	143	154	98	249	44	33	-	60	5	173	53
INCOME IN 1969												
Less than \$2,000	9 903	116	196	266	891	1 264	142	182	1 340	832	1 623	3 051
\$2,000 to \$2,999	4 420	64	65	158	527	1 096	70	76	633	365	502	864
\$3,000 to \$3,999	4 574	82	167	271	801	1 036	108	62	846	162	640	399
\$4,000 to \$4,999	4 893	154	281	388	1 148	932	134	88	873	197	470	228
\$5,000 to \$5,999	5 534	149	384	474	1 527	954	228	63	749	185	592	229
\$6,000 to \$6,999	5 978	200	781	801	1 811	700	264	60	704	164	376	117
\$7,000 to \$9,999	21 001	613	4 239	4 178	6 699	1 583	607	122	1 633	328	749	250
\$10,000 to \$14,999	29 110	527	5 801	7 429	11 347	1 199	554	102	1 200	360	466	125
\$15,000 to \$24,999	16 404	103	1 849	4 311	8 286	739	320	33	414	135	145	69
\$25,000 or more	5 659	35	408	1 397	3 056	421	103	8	71	58	73	29
Median	\$9 600	\$8 300	\$10 800	\$12 200	\$12 000	\$5 700	\$8 600	\$4 900	\$5 700	\$4 200	\$4 100	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	100 515	1 829	13 610	19 059	34 535	9 082	2 288	691	7 668	2 489	4 752	4 512
Less than 1.5	46 262	697	6 276	10 616	20 607	2 654	1 138	248	2 323	656	802	245
1.5 to 1.9	19 420	448	3 783	4 444	6 579	1 473	426	67	1 197	251	682	270
2.0 to 2.4	10 065	232	1 860	1 906	3 007	1 037	231	65	863	203	486	175
2.5 to 2.9	5 856	124	751	844	1 431	906	129	81	705	219	402	264
3.0 to 3.9	9 965	145	516	560	1 235	1 143	134	55	785	285	557	550
4.0 or more	11 541	153	393	673	1 548	1 762	186	153	1 536	833	1 548	2 756
Not computed	1 206	30	31	16	128	107	44	22	259	42	275	252
Renter occupied housing units	82 559	8 937	13 460	6 215	8 923	3 661	3 490	573	14 977	1 732	13 930	6 661
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	79 167	8 834	13 331	6 049	8 665	3 514	3 334	503	14 471	1 646	12 872	5 948
0.50 or less	34 142	2 886	2 700	710	2 828	1 602	1 402	213	3 242	701	12 208	5 650
0.51 to 1.00	31 103	5 156	7 526	2 997	3 999	1 602	1 447	261	6 431	722	664	298
1.01 to 1.50	7 777	533	1 940	1 266	975	190	291	20	2 436	126	-	-
1.51 or more	6 145	259	1 165	1 076	863	120	194	9	2 362	97	-	-
Lacking some or all plumbing facilities	3 392	103	129	166	258	147	156	70	506	86	1 058	713
0.50 or less	1 236	5	16	5	30	37	5	10	33	27	587	481
0.51 to 1.00	1 418	35	50	59	142	77	51	50	211	40	471	232
1.01 to 1.50	263	9	17	26	30	19	47	5	91	19	-	-
1.51 or more	475	54	46	76	56	14	53	5	171	-	-	-
UNITS IN STRUCTURE												
1	30 022	2 491	5 492	3 460	4 504	1 684	1 241	266	5 373	755	2 938	1 818
2 to 4	21 491	2 431	3 554	1 321	2 217	1 002	824	164	4 158	407	3 612	1 801
5 to 19	21 059	2 952	3 351	1 099	1 475	683	1 016	94	4 354	390	3 943	1 702
20 or more	9 812	1 039	1 032	325	688	282	393	49	1 063	176	3 437	1 328
Mobile home or trailer	175	24	31	10	39	10	16	-	29	4	-	12
GROSS RENT												
Specified renter occupied ²	81 255	8 832	13 211	6 112	8 768	3 629	3 439	550	14 680	1 695	13 777	6 562
Less than \$50	7 838	149	212	185	447	537	143	94	2 303	245	1 728	1 795
\$50 to \$59	5 916	314	410	345	598	290	211	95	1 339	211	1 274	829
\$60 to \$69	9 281	685	1 009	715	1 055	552	365	97	1 975	236	1 669	923
\$70 to \$79	9 028	746	1 274	674	1 097	519	424	78	1 974	261	1 399	582
\$80 to \$99	15 898	2 115	2 725	1 205	1 797	744	640	95	2 910	292	2 519	856
\$100 to \$119	10 958	2 067	2 219	785	1 070	282	498	21	1 508	117	2 009	382
\$120 to \$149	11 310	2 060	2 521	879	1 001	247	632	21	1 605	130	1 819	395
\$150 to \$199	6 574	595	2 011	725	832	174	359	4	679	73	898	224
\$200 to \$299	2 218	51	557	378	491	76	91	19	219	22	214	100
\$300 or more	262	-	24	40	117	30	-	6	11	-	6	28
No cash rent	1 972	50	249	181	263	178	76	20	157	108	242	448
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	81 255	8 832	13 211	6 112	8 768	3 629	3 439	550	14 680	1 695	13 777	6 562
Less than \$5,000	39 449	2 932	2 120	1 439	2 669	2 408	1 626	405	10 429	1 224	8 328	5 869
Less than 20 percent	4 531	318	349	294	552	295	181	46	1 323	137	758	278
20 to 24 percent	4 847	402	521	265	462	330	179	66	1 235	71	929	387
25 to 34 percent	7 801	820	483	353	616	531	249	69	2 127	155	1 511	887
35 percent or more	19 325	1 286	710	457	912	1 102	894	186	5 033	768	4 367	3 610
Not computed	2 945	106	57	70	127	150	123	38	711	93	763	707
\$5,000 to \$9,999	27 644	4 601	6 617	2 599	3 272	790	1 270	91	3 478	301	4 194	431
Less than 20 percent	18 030	2 816	4 401	1 896	2 468	565	760	71	2 062	210	2 541	240
20 to 24 percent	5 194	1 091	1 188	376	477	137	241	10	648	33	916	77
25 to 34 percent	3 304	595	777	215	189	34	216	6	594	29	598	51
35 percent or more	545	79	98	46	64	21	20	-	119	7	72	19
Not computed	571	20	153	66	74	33	33	4	55	22	67	44
\$10,000 to \$14,999	9 986	1 175	3 344	1 428	1 662	253	384	42	600	97	859	142
Less than 20 percent	8 717	1 119	2 936	1 177	1 462	198	335	29	536	70	746	109
20 to 24 percent	803	44	302	139	112	15	32	13	34	11	86	15
25 percent or more	195	6	58	20	25	12	6	-	26	10	22	10
Not computed	271	6	48	92	63	28	11	-	4	6	5	8
\$15,000 or more	4 176	124	1 130	646	1 165	178	159	12	173	73	396	120
Less than 20 percent	3 956	124	1 105	615	1 076	151	135	12	168	63	396	111
20 to 24 percent	69	-	5	21	19	7	7	-	5	-	-	5
25 percent or more	9	-	-	5	-	-	-	-	-	-	-	4
Not computed	142	-	20	5	70	20	17	-	-	10	-	-

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

Table 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]

Memphis	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	107 476	10 997	30 197	21 152	20 401	12 074	6 077	3 913	2 665	3.1
BEDROOMS										
None and 1	3 630	1 593	1 254	192	247	152	53	74	65	1.7
2	35 233	6 437	14 990	6 794	3 659	1 615	716	628	394	2.2
3	54 576	2 540	12 542	12 059	13 395	7 520	3 476	1 982	1 062	3.5
4 or more	13 877	381	1 938	1 740	2 678	2 738	2 074	1 255	1 073	4.6
YEAR STRUCTURE BUILT										
1969 to March 1970	2 223	104	348	512	576	434	116	93	40	3.8
1965 to 1968	10 278	337	1 744	2 381	3 037	1 626	702	334	117	3.7
1960 to 1964	14 561	666	3 026	2 953	3 703	2 320	1 124	491	278	3.7
1950 to 1959	40 511	2 718	10 806	8 360	8 508	5 065	2 521	1 584	949	3.3
1940 to 1949	18 906	2 663	6 444	3 706	2 538	1 427	839	726	563	2.6
1939 or earlier	20 997	4 509	7 829	3 240	2 039	1 202	775	685	718	2.3
UNITS IN STRUCTURE										
1	102 655	9 531	28 489	20 421	19 916	11 933	5 994	3 792	2 579	3.2
2 or more	3 809	1 240	1 336	535	352	111	58	96	81	2.0
Mobile home or trailer	1 012	226	372	196	133	30	25	25	5	2.3
COMPLETE BATHROOMS										
1 and 1 1/2	76 188	9 085	22 555	15 041	13 272	7 430	3 968	2 790	2 047	2.9
2 and 2 1/2	26 332	1 350	6 285	5 500	6 491	3 796	1 616	861	433	3.5
3 or more	3 455	143	698	536	731	749	391	152	55	4.0
None or also used by another household	1 525	440	457	203	108	54	49	84	130	2.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	96 479	...	30 197	21 152	20 401	12 074	6 077	3 913	2 665	3.4
Male head, wife present, no nonrelatives	81 904	...	23 585	17 716	18 576	10 996	5 324	3 415	2 292	3.5
Under 25 years	2 043	...	654	796	400	81	58	36	18	3.0
25 to 34 years	14 171	...	1 356	3 178	5 279	2 621	1 023	523	191	4.0
35 to 44 years	19 673	...	1 454	2 912	5 677	4 621	2 386	1 560	1 063	4.5
45 to 64 years	36 093	...	13 113	9 019	6 705	3 475	1 696	1 184	901	3.0
65 years and over	9 924	...	7 008	1 811	198	151	161	112	99	2.2
Other male head	3 326	...	1 518	777	388	248	172	124	72	2.9
Under 65 years	2 530	...	1 045	610	317	227	151	107	72	2.3
65 years and over	796	...	472	167	71	21	21	17	27	2.3
Female head	11 249	...	5 094	2 659	1 437	830	581	374	274	2.7
Under 65 years	8 463	...	3 325	2 160	1 211	704	520	317	226	2.9
65 years and over	2 786	...	1 769	499	226	126	61	57	48	2.3
One-person households	10 997	10 997	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	100 515	9 264	27 977	20 031	19 639	11 717	5 816	3 648	2 423	3.1
less than 1.5	46 262	1 047	11 397	10 359	10 369	6 317	3 209	2 062	1 502	3.5
1.5 to 1.9	19 620	952	5 321	4 167	4 345	2 561	1 172	736	366	3.3
2.0 to 2.4	10 065	661	2 936	2 093	2 073	1 178	611	285	228	3.2
2.5 to 2.9	5 856	666	1 948	971	1 021	630	334	184	102	2.8
3.0 to 3.9	5 965	1 107	2 219	953	812	455	181	184	52	2.3
4.0 or more	11 541	4 304	3 834	1 376	915	519	271	170	152	1.9
Not computed	1 206	527	322	110	104	57	38	27	21	1.7
Renter occupied housing units	82 559	20 591	22 788	13 755	9 429	5 862	3 903	3 543	2 688	2.4
BEDROOMS										
None	2 578	1 967	368	107	37	58	-	41	-	1.2
1	27 017	12 282	7 715	2 837	1 865	838	679	453	348	1.7
2	40 076	5 821	12 527	9 478	5 408	2 907	1 760	1 368	807	2.7
3 or more	12 891	510	1 665	1 766	2 448	2 114	1 493	1 598	1 297	4.5
YEAR STRUCTURE BUILT										
1969 to March 1970	3 224	495	1 124	721	513	150	123	63	35	2.5
1965 to 1968	11 530	2 335	4 373	2 508	1 263	546	228	154	123	2.3
1960 to 1964	10 904	2 644	3 542	1 850	1 182	657	389	390	250	2.3
1950 to 1959	18 228	3 287	4 297	3 474	2 674	1 720	1 038	1 031	707	2.9
1940 to 1949	15 985	3 808	3 719	2 583	1 976	1 402	912	966	619	2.7
1939 or earlier	22 688	8 022	5 733	2 619	1 821	1 387	1 213	939	954	2.1
UNITS IN STRUCTURE										
1	30 022	4 756	6 936	5 267	4 352	3 042	2 183	1 923	1 563	3.1
2	13 363	3 282	3 777	2 338	1 446	946	616	547	411	2.4
3 and 4	8 128	2 131	2 434	1 430	950	450	281	280	172	2.3
5 to 9	11 025	2 727	3 412	2 048	1 229	575	343	419	312	2.3
10 to 19	9 994	2 918	3 193	1 477	995	591	365	267	188	2.2
20 or more	9 812	4 765	2 976	1 171	427	225	115	91	42	1.5
Mobile home or trailer	175	12	60	24	30	33	-	16	-	3.1
COMPLETE BATHROOMS										
1 and 1 1/2	73 775	18 015	21 046	12 358	8 121	5 239	3 382	3 181	2 433	2.4
2 or more	4 396	633	1 082	892	761	470	277	157	124	3.0
None or also used by another household	4 377	1 944	841	415	312	194	207	264	200	1.8
HOUSEHOLD COMPOSITION										
Two-or-more-person households	61 968	...	22 788	13 755	9 429	5 862	3 903	3 543	2 688	3.1
Male head, wife present, no nonrelatives	41 196	...	14 660	9 696	6 705	3 954	2 365	2 248	1 568	3.1
Under 25 years	8 937	...	4 215	3 000	1 168	298	115	104	37	2.6
25 to 34 years	13 460	...	3 168	3 567	3 076	1 747	928	675	299	3.5
35 to 44 years	6 215	...	931	891	1 199	959	577	771	707	4.6
45 to 64 years	8 923	...	3 684	1 746	1 109	793	522	604	465	2.9
65 years and over	3 661	...	2 662	492	153	157	43	94	60	2.2
Other male head	4 063	...	2 353	805	316	259	163	103	64	2.4
Under 65 years	3 490	...	1 975	662	278	255	163	98	59	2.4
65 years and over	573	...	378	143	38	4	5	5	5	2.3
Female head	16 709	...	5 775	3 254	2 408	1 649	1 375	1 192	1 056	3.3
Under 65 years	14 977	...	4 681	2 968	2 215	1 571	1 350	1 168	1 024	3.4
65 years and over	1 732	...	1 094	286	193	78	25	24	32	2.3
One-person households	20 591	20 591	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	81 255	20 339	22 503	13 551	9 238	5 768	3 778	3 477	2 601	2.4
less than 10 percent	6 205	911	1 753	1 009	831	536	450	400	315	2.9
10 to 14 percent	14 333	1 923	4 279	2 807	3 033	1 266	801	683	529	2.8
15 to 19 percent	14 696	2 345	4 075	3 033	2 070	1 143	792	764	454	2.8
20 to 24 percent	10 913	2 415	3 048	1 902	1 274	860	463	471	400	2.5
25 to 34 percent	11 289	3 071	3 220	1 900	1 284	724	404	374	306	2.3
35 percent or more	19 890	8 074	5 229	2 344	1 372	1 039	678	645	509	1.9
Not computed	3 929	1 594	899	476	362	180	190	140	88	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-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]

Memphis					Memphis				
	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	1 423	629	540	254	Vacant for rent	4 772	3 268	1 222	282
ROOMS					ROOMS				
1 to 3 rooms	85	20	41	24	1 room	164	120	35	9
4 rooms	119	48	45	26	2 rooms	334	255	52	27
5 rooms	312	118	164	30	3 rooms	1 233	791	356	86
6 rooms	382	175	133	74	4 rooms	1 903	1 329	463	111
7 rooms or more	525	268	157	100	5 rooms	893	596	268	29
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	1 373	623	521	229	With all plumbing facilities	4 431	3 075	1 122	234
Lacking some or all plumbing facilities	50	6	19	25	Lacking some or all plumbing facilities	341	193	100	48
BEDROOMS					BEDROOMS				
None and 1	172	15	110	47	None	122	92	30	-
2	307	92	184	31	1	1 648	1 115	403	130
3	732	330	246	156	2	2 405	1 718	610	77
4 or more	388	185	148	55	3 or more	550	248	225	77
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	438	224	136	78	1969 to March 1970	999	630	333	36
1960 to 1968	277	126	99	52	1960 to 1968	1 293	957	292	44
1950 to 1959	252	135	91	26	1950 to 1959	671	467	172	32
1949 or earlier	456	144	214	98	1949 or earlier	1 809	1 214	425	170
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	1 321	594	490	237	1	1 050	593	353	104
2 or more	102	35	50	17	2 to 4	1 201	804	303	94
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	51	20	20	11	5 to 9	797	603	169	25
Warm-air furnace	820	398	270	152	10 to 19	879	711	141	27
Built-in electric units	68	45	10	13	20 or more	845	557	256	32
Floor, wall, or pipeless furnace	323	122	152	49	RENT ASKED				
Other means	155	44	82	29	Specified vacant for rent²				
None	6	-	6	-	Less than \$50	4 718	3 229	1 207	282
SALES PRICE ASKED					Specified vacant for sale¹				
Specified vacant for sale¹					Less than \$50				
Less than \$5,000	1 298	585	481	232	\$50 to \$59	1 056	700	262	94
\$5,000 to \$9,999	32	4	20	8	\$60 to \$79	409	281	98	30
\$10,000 to \$14,999	188	68	84	36	\$80 to \$99	778	539	157	82
\$15,000 to \$19,999	311	143	120	48	\$100 to \$119	451	351	79	21
\$20,000 to \$24,999	348	190	126	32	\$120 to \$149	520	437	63	20
\$25,000 to \$34,999	92	39	22	31	\$150 to \$199	652	498	128	26
\$35,000 to \$49,999	207	91	69	47	\$200 or more	551	296	255	-
\$50,000 or more	93	45	25	23	Median rent asked	301	127	165	9
Median price asked	\$16 700	\$17 000	\$15 700	\$18 800	Median price asked	\$85	\$85	\$102	\$64

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]

Memphis	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	1 298	220	311	348	92	207	120	4 718	1 465	778	451	1 172	551	301
PLUMBING FACILITIES														
With all plumbing facilities	1 322	229	223	413	105	222	130	4 357	1 172	646	402	1 183	534	420
Lacking some or all plumbing facilities	81	20	36	-	-	25	-	325	231	64	30	-	-	-
BEDROOMS														
None and 1	110	60	50	-	-	-	-	1 770	649	366	199	281	118	157
2	227	119	47	36	-	25	-	2 380	598	314	203	810	333	122
3	693	55	115	342	75	76	30	357	59	30	30	50	66	122
4 or more	373	15	47	35	30	146	100	175	97	-	-	42	17	19
YEAR STRUCTURE BUILT														
1969 to March 1970	431	9	23	173	59	112	55	981	271	23	14	257	256	160
1960 to 1968	268	14	49	60	12	85	48	1 282	86	153	94	646	237	66
1950 to 1959	221	58	72	66	16	6	3	667	267	140	88	84	27	61
1949 or earlier	378	139	167	49	5	4	14	1 788	841	462	255	185	31	14
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	996	463	185	104	135	90	19
2 to 4 .....	...	...	...	...	...	...	...	1 201	307	297	109	326	140	22
5 to 19 .....	...	...	...	...	...	...	...	1 676	594	223	127	484	198	50
20 or more .....	...	...	...	...	...	...	...	845	101	73	111	227	123	210
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	1 110	556	160	129	162	38	65
Some or no utilities included .....	...	...	...	...	...	...	...	3 608	909	618	322	1 010	513	236

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

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

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

Memphis	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	23 666	2 499	4 321	5 845	4 769	2 830	2 314	603	363	82	40	9 600
ROOMS												
1 and 2 rooms	165	53	43	25	36	4	-	4	-	-	-	6 700
3 rooms	1 266	559	393	170	53	27	41	9	14	-	-	5 500
4 rooms	4 999	849	1 595	1 472	695	209	134	30	5	5	5	7 600
5 rooms	7 068	527	1 263	2 208	1 664	794	458	73	52	24	5	9 500
6 rooms	6 207	316	685	1 382	1 500	1 169	894	167	67	22	5	11 200
7 rooms	2 612	135	192	401	580	437	519	188	139	12	9	12 500
8 rooms or more	1 349	60	150	187	241	190	268	132	86	19	16	13 000
Median	5.3	4.3	4.6	5.1	5.5	5.6	6.1	6.6	6.8	...	...	...
PERSONS												
1 person	2 640	561	701	572	379	206	164	27	21	9	-	7 800
2 persons	5 767	743	1 186	1 413	1 168	575	495	132	78	31	4	9 200
3 persons	3 974	321	645	993	748	511	449	147	79	16	5	10 100
4 persons	3 116	232	408	736	634	428	443	147	72	-	16	10 700
5 persons	2 477	189	304	641	580	329	274	74	77	4	5	10 500
6 persons or more	5 692	453	1 077	1 488	1 260	781	489	76	36	22	10	9 700
Median	3.4	2.4	2.9	3.4	3.6	3.8	3.6	3.5	3.5	...	...	...
Units with roomers, boarders, or lodgers	1 058	154	223	319	162	102	60	10	7	16	5	8 700
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	22 940	2 133	4 132	5 758	4 747	2 805	2 293	598	358	76	40	9 800
0.50 or less	9 398	917	1 776	2 198	1 859	1 043	1 034	313	184	54	20	9 800
0.51 to 1.00	9 050	767	1 344	2 340	1 887	1 273	1 005	241	166	12	15	10 100
1.01 to 1.50	3 094	268	603	887	728	375	189	35	4	-	5	9 400
1.51 or more	1 398	181	409	333	273	114	65	9	4	10	-	8 200
Lacking some or all plumbing facilities	726	366	189	87	22	25	21	5	5	6	-	5 000
0.50 or less	369	184	85	48	22	5	5	5	5	6	-	5 000
0.51 to 1.00	183	101	37	18	-	-	16	-	5	6	-	5000-
1.01 to 1.50	74	37	22	15	-	-	-	-	-	-	-	...
1.51 or more	100	44	45	6	-	5	-	-	-	-	-	5 300
BEDROOMS												
None and 1	1 532	503	369	366	199	45	50	-	-	-	-	6 800
2	10 657	1 037	2 503	3 267	2 251	843	520	115	41	59	21	8 900
3	9 258	617	1 272	1 932	1 744	1 744	297	193	20	20	16	11 100
4 or more	2 256	228	325	518	474	297	229	103	42	-	40	10 300
YEAR STRUCTURE BUILT												
1969 to March 1970	377	15	30	32	37	107	105	21	30	-	-	14 200
1965 to 1968	854	15	25	103	79	86	294	141	102	4	5	16 800
1960 to 1964	1 631	71	153	286	394	296	294	87	30	16	4	11 900
1950 to 1959	7 669	377	1 062	2 200	1 860	1 149	780	125	79	22	15	10 300
1940 to 1949	6 139	697	1 339	1 626	1 193	689	433	88	44	25	5	9 100
1939 or earlier	6 996	1 324	1 712	1 598	1 206	503	408	141	78	15	11	8 200
COMPLETE BATHROOMS												
1 and 1 1/2	20 755	2 045	3 905	5 428	4 321	2 509	1 908	382	182	52	23	9 500
2 and 2 1/2	1 804	64	110	234	362	202	202	225	183	14	-	14 100
3 or more	165	13	20	31	18	14	20	18	8	15	8	12 600
None or also used by another household	869	383	199	89	77	51	41	13	6	10	-	5 600
HOUSEHOLD COMPOSITION												
Two-or-more-person households	21 026	1 938	3 620	5 273	4 390	2 624	2 150	576	342	73	40	9 800
Male head, wife present, no nonrelatives	15 734	1 148	2 560	3 937	3 436	2 147	1 696	504	257	30	19	10 200
Under 25 years	306	15	28	78	85	73	23	38	4	-	5	12 500
25 to 34 years	2 444	41	149	514	524	551	457	123	80	-	-	10 800
35 to 44 years	3 427	162	402	911	790	499	460	127	62	14	-	9 700
45 to 64 years	7 051	517	1 391	1 870	1 563	619	788	193	80	16	14	8 600
65 years and over	2 506	413	590	564	474	236	137	57	35	-	-	9 300
Other male head	1 134	140	201	306	183	143	96	20	34	11	-	9 900
Under 65 years	841	48	127	254	146	119	93	20	29	5	6	8 800
65 years and over	293	92	74	52	37	24	3	5	51	32	21	8 900
Female head	4 158	650	859	1 030	771	334	358	36	25	28	10	9 100
Under 65 years	3 141	425	629	815	632	259	282	16	26	4	11	8 100
65 years and over	1 017	225	230	215	139	75	76	14	17	9	-	7 800
One-person households	2 640	561	701	572	379	206	164	27	21	9	-	8 800
Under 65 years	1 330	186	318	319	227	169	83	18	10	9	-	6 800
65 years and over	1 310	375	383	253	152	37	81	9	11	-	-	6 800
INCOME IN 1969												
Less than \$2,000	4 368	939	1 169	1 096	539	285	205	43	49	33	10	7 700
\$2,000 to \$2,999	1 676	312	396	440	268	129	89	31	5	6	-	8 200
\$3,000 to \$3,999	1 823	265	361	451	372	243	110	21	-	-	-	9 100
\$4,000 to \$4,999	1 748	220	372	477	374	163	99	38	-	-	5	9 000
\$5,000 to \$5,999	1 904	161	404	489	425	213	157	21	22	6	6	9 500
\$6,000 to \$6,999	1 917	105	331	556	473	235	185	16	12	-	4	9 800
\$7,000 to \$9,999	4 640	326	701	1 222	1 167	682	439	56	37	5	5	10 200
\$10,000 to \$14,999	3 832	148	447	840	865	603	325	169	113	12	10	11 400
\$15,000 to \$24,999	1 614	23	130	265	271	234	367	203	112	9	-	13 800
\$25,000 or more	144	-	10	9	15	43	28	5	13	11	-	14 700
Median	\$6 200	\$3 000	\$4 600	\$5 900	\$6 900	\$7 600	\$9 100	\$12 200	\$12 500	...	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 280	123	130	401	520	577	334	83	104	-	8	12 300
1968	1 418	46	131	309	361	253	244	42	32	-	-	11 500
1967	1 237	46	120	356	310	153	191	54	7	-	-	10 800
1965 and 1966	2 755	102	319	679	656	407	373	153	45	21	-	11 100
1960 to 1964	4 411	369	768	1 171	842	518	491	159	85	8	-	9 600
1950 to 1959	6 786	695	1 516	1 884	1 380	579	521	106	56	34	15	9 100
1949 or earlier	4 706	1 124	1 250	982	709	289	225	41	50	28	8	7 500
HEATING EQUIPMENT												
Steam or hot water	1 092	81	105	160	318	192	153	60	7	-	16	11 600
Warm-air furnace	4 574	107	243	577	978	927	1 127	349	231	26	9	13 500
Built-in electric units	873	47	140	224	200	150	82	20	10	-	-	10 300
Floor, wall, or pipeless furnace	9 524	657	1 724	3 027	2 128	1 137	658	97	71	25	15	9 500
Other means	7 580	1 600	2 104	1 852	1 139	424	294	77	44	-	-	7 600
None	23	7	5	5	6	-	-	-	-	-	-	...
AIR CONDITIONING												
Room unit(s)	13 978	674	2 174	3 783	3 411	1 975	1 575	229	100	41	16	10 300
Central system	1 754	58	68	104	196	266	498	327	207	22	8	16 600
None	7 861	1 773	1 992	1 895	1 171	535	306	82	72	28	7	7 700

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

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

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

Memphis	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$89	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	36 018	6 258	4 891	7 045	5 978	7 814	2 352	820	234	45	6	575	69
ROOMS													
1 room	625	383	78	64	30	5	—	10	—	—	—	55	50—
2 rooms	2 521	1 451	452	289	164	86	24	9	—	—	—	46	50—
3 rooms	14 208	2 163	3 041	4 558	2 282	1 494	464	58	13	9	—	126	64
4 rooms	12 613	1 522	998	1 525	2 614	4 470	925	372	32	14	—	141	78
5 rooms	3 801	559	227	441	576	1 108	520	153	122	9	—	86	81
6 rooms	1 548	121	70	147	242	459	259	131	34	9	—	76	87
7 rooms	492	44	25	15	54	129	107	74	23	—	—	21	92
8 rooms or more	210	15	—	6	16	63	53	13	10	4	—	24	98
Median	3.5	3.1	3.1	3.2	3.7	4.0	4.2	4.4	5.1	...	...	3.9	...
PERSONS													
1 person	7 291	2 475	1 487	1 279	653	852	179	105	30	9	—	222	57
2 persons	7 632	1 403	1 142	1 799	1 156	1 497	343	120	23	10	6	132	73
3 persons	5 364	583	592	1 166	1 086	1 312	379	130	36	—	—	80	73
4 persons	4 371	582	518	841	816	1 154	272	101	34	8	—	45	73
5 persons	3 419	386	335	614	682	919	323	99	28	—	—	33	75
6 persons or more	7 941	829	817	1 346	1 585	2 080	856	265	83	18	—	62	76
Median	3.1	2.0	2.3	2.9	3.6	3.7	4.5	4.0	4.3	...	...	2.0	...
Units with roomers, boarders, or lodgers	1 421	196	164	296	229	311	132	52	23	8	—	10	72
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	9 471	1 959	1 539	1 647	1 298	2 005	478	224	58	18	—	245	67
0.51 to 1.00	12 681	1 957	1 559	2 694	2 175	2 856	873	298	105	9	—	155	70
1.01 to 1.50	5 782	775	557	1 059	1 100	1 582	459	151	43	4	—	52	74
1.51 or more	5 648	372	732	1 382	1 264	1 238	469	119	28	14	—	30	73
Median	2 436	1 195	504	263	141	133	73	28	—	—	6	93	50
Lacking some or all plumbing facilities													
0.50 or less	921	541	182	73	38	28	17	—	—	—	6	36	50—
0.51 to 1.00	835	454	125	91	35	59	18	10	—	—	—	43	50—
1.01 to 1.50	240	65	78	29	17	4	29	10	—	—	—	8	57
1.51 or more	440	135	119	70	51	42	9	8	—	—	—	6	57
BEDROOMS													
None	1 010	592	147	127	24	35	18	—	—	—	—	47	50—
1	14 498	3 263	2 827	3 858	2 433	1 399	478	104	—	19	—	117	63
2	15 979	1 748	1 388	2 272	3 340	5 338	1 283	339	76	37	—	158	77
3 or more	4 906	846	391	429	665	1 201	708	369	117	19	20	141	81
YEAR STRUCTURE BUILT													
1969 to March 1970	716	239	71	43	101	183	74	5	—	—	—	—	70
1965 to 1968	2 130	243	127	180	267	922	241	90	50	5	—	5	85
1960 to 1964	3 336	231	271	603	614	1 170	326	97	5	5	—	14	79
1950 to 1959	8 792	956	1 122	2 059	1 764	2 000	551	199	39	14	—	88	71
1940 to 1949	9 233	1 602	1 324	2 050	1 612	1 764	505	168	68	4	—	136	68
1939 or earlier	11 811	2 987	1 976	2 110	1 620	1 775	655	261	72	17	6	332	64
ELEVATOR IN STRUCTURE													
4 floors or more	195	63	50	22	18	—	—	42	—	—	—	—	...
With elevator	112	43	27	—	—	—	—	42	—	—	—	—	...
Walk-up	83	20	23	22	18	—	—	—	—	—	—	—	...
1 to 3 floors	36 198	6 386	4 723	6 664	6 444	7 973	2 487	770	193	75	20	463	70
COMPLETE BATHROOMS													
1 and 1 1/2	32 244	4 792	4 290	6 688	5 455	7 393	2 204	731	175	27	—	489	70
2 or more	432	35	14	35	38	121	49	49	68	11	—	12	93
None or also used by another household	3 269	1 339	671	422	297	272	96	51	—	—	—	121	54
INCOME IN 1969													
Less than \$2,000	11 299	3 660	1 858	2 200	1 429	1 329	350	184	25	17	—	247	60
\$2,000 to \$2,999	4 015	834	696	781	713	687	165	65	12	4	—	58	66
\$3,000 to \$3,999	4 733	741	751	1 011	838	872	277	146	38	4	—	55	68
\$4,000 to \$4,999	3 799	378	477	833	709	971	256	72	36	5	—	62	73
\$5,000 to \$5,999	3 024	271	360	682	623	738	277	58	11	—	—	54	73
\$6,000 to \$6,999	2 378	158	219	481	424	542	228	51	13	5	—	24	78
\$7,000 to \$9,999	4 332	162	346	735	835	1 542	470	154	47	5	—	36	81
\$10,000 to \$14,999	2 043	41	159	294	330	763	74	74	43	—	—	39	84
\$15,000 to \$24,999	299	13	22	46	46	127	294	16	9	—	—	—	90
\$25,000 or more	96	—	9	6	31	40	5	—	—	—	—	—	...
Median	\$3 600	\$2 000	\$2 800	\$3 500	\$4 000	\$5 100	\$5 600	\$4 200	\$5 500	...	...	\$2 700	...
YEAR MOVED INTO UNIT													
1969 to March 1970	10 744	1 353	1 433	1 925	1 854	2 666	1 017	343	111	13	—	29	73
1968	4 758	654	557	935	882	1 243	301	96	38	—	—	32	72
1967	3 298	513	399	609	550	818	260	116	—	—	—	27	72
1965 and 1966	5 681	897	659	1 163	834	1 497	340	135	54	—	—	102	71
1960 to 1964	5 810	1 188	860	1 407	1 006	932	255	80	14	5	—	63	66
1950 to 1959	4 175	1 062	812	896	521	482	141	38	26	14	—	183	61
1949 or earlier	1 479	499	255	210	143	148	35	23	—	—	—	166	56
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	3 048	638	527	639	477	659	97	11	—	—	—	...	66
10 to 14 percent	6 100	944	728	1 286	1 094	1 627	360	43	13	5	—	...	71
15 to 19 percent	5 413	791	705	1 111	985	1 265	422	101	33	—	—	...	71
20 to 24 percent	4 231	672	518	755	684	1 059	371	126	44	—	—	...	72
25 to 34 percent	4 930	1 074	642	784	830	1 083	374	115	22	—	6	...	70
35 percent or more	10 497	1 797	1 621	2 211	1 670	1 931	709	405	122	31	—	...	68
Not computed	1 799	342	150	259	236	190	19	—	—	—	—	...	65
AIR CONDITIONING													
Room unit(s)	8 883	554	632	1 501	1 516	3 266	863	247	91	7	—	206	81
Central system	681	43	16	28	45	161	233	117	25	—	—	13	104
None	26 381	5 569	4 327	5 616	4 229	4 359	1 253	467	127	31	—	403	66

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]

Memphis	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	26 354	5 106	1 884	2 098	1 974	2 135	2 165	5 055	4 085	1 697	155	6 000
ROOMS												
1 and 2 rooms	234	131	17	14	24	6	11	21	10	-	-	2000-
3 rooms	1 647	803	201	136	136	141	65	101	58	6	-	2 100
4 rooms	5 686	1 537	529	601	504	475	481	959	496	99	5	4 300
5 rooms	7 775	1 399	544	694	685	717	660	1 586	1 144	327	19	5 800
6 rooms	6 719	756	432	394	387	551	680	1 526	1 392	537	64	7 300
7 rooms or more	4 293	480	161	259	238	245	268	862	985	728	67	8 700
PERSONS												
1 person	3 062	2 013	340	214	122	116	63	105	74	10	5	2000-
2 persons	6 362	1 616	691	624	618	579	439	893	652	224	26	4 400
3 and 4 persons	7 933	887	501	645	559	666	1 747	1 526	683	50	50	7 100
5 persons	2 658	179	123	135	170	220	290	671	588	256	26	7 900
6 persons or more	6 339	411	229	480	505	551	707	1 639	1 245	524	48	7 500
Units with roomers, boarders, or lodgers	1 311	577	122	127	106	77	75	173	41	13	-	2 600
BEDROOMS												
Less than 3	13 724	3 687	1 377	1 044	1 034	1 017	1 278	2 353	1 549	361	24	4 700
3	9 933	1 126	605	802	691	817	489	2 084	2 206	994	119	7 600
4 or more	2 613	232	95	191	259	129	180	690	477	344	16	8 000
YEAR STRUCTURE BUILT												
1969 to March 1970	448	53	31	15	46	74	47	92	80	10	-	6 100
1960 to 1968	2 711	284	78	164	147	240	271	482	606	398	41	8 100
1950 to 1959	8 405	956	512	586	671	724	788	2 000	1 545	569	54	7 000
1949 or earlier	14 790	3 813	1 263	1 333	1 110	1 097	1 059	2 481	1 854	720	60	4 900
YEAR MOVED INTO UNIT												
1969 to March 1970	2 599	293	116	196	230	222	353	592	436	149	12	6 700
1968	1 615	158	32	126	90	123	153	429	359	139	6	7 900
1960 to 1967	9 317	1 232	441	730	687	856	835	1 949	1 720	774	93	6 900
1959 or earlier	12 794	3 461	1 211	1 066	955	960	864	2 047	1 558	627	45	4 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	15 097	1 776	914	1 068	1 042	1 275	1 138	3 466	2 947	1 312	159	7 300
Clothes dryer	2 506	266	68	99	120	128	51	584	666	482	42	9 700
Dishwasher	958	-	19	66	22	61	39	239	228	264	20	10 700
Home food freezer	8 893	1 252	649	650	547	607	881	1 648	1 737	811	111	6 800
Owned second home	478	58	38	44	32	24	23	101	142	16	-	7 600
With air conditioning	17 218	1 901	837	1 276	1 202	1 400	1 511	3 891	3 506	1 549	145	7 400
Room unit(s)	15 374	1 771	778	1 156	1 148	1 283	1 444	3 599	3 018	1 072	105	7 100
Central system	1 844	130	59	120	54	117	67	292	488	477	40	10 900
Automobiles available:												
1	12 838	1 710	812	1 079	1 110	1 245	1 303	3 088	1 997	443	51	6 400
2	5 594	288	110	237	239	392	492	1 291	1 525	948	72	9 400
3 or more	658	20	19	33	18	26	5	102	200	208	27	12 700
Renter occupied housing units	36 810	11 544	4 116	4 851	3 883	3 056	2 450	4 424	2 087	303	96	3 600
ROOMS												
1 room	629	300	75	71	96	17	31	20	15	-	4	2 200
2 rooms	2 587	1 536	218	277	159	106	112	126	48	5	-	2000-
3 rooms	14 497	5 313	1 872	1 899	1 558	1 198	1 758	1 359	462	56	22	3 000
4 rooms	12 930	3 036	1 299	1 756	1 464	1 198	1 056	1 990	963	128	40	4 300
5 rooms	3 860	849	406	554	373	366	336	583	318	58	17	4 300
6 rooms or more	2 307	510	246	294	233	171	157	346	281	56	13	4 400
PERSONS												
1 person	7 417	4 677	795	703	453	252	196	267	70	-	4	2000-
2 persons	7 745	2 502	1 061	1 083	851	635	451	721	364	62	15	3 300
3 and 4 persons	9 959	2 127	1 136	1 237	1 237	1 019	714	1 510	733	72	32	4 300
5 persons	3 498	755	355	457	414	305	282	617	241	66	6	4 000
6 persons or more	8 191	1 483	769	1 229	928	845	807	1 309	679	103	39	4 700
Units with roomers, boarders, or lodgers	1 437	724	117	207	155	82	33	79	25	15	-	2 000
BEDROOMS												
None	1 010	382	102	235	156	19	-	42	74	-	-	3 100
1	14 761	5 745	1 941	1 764	1 448	1 339	780	1 238	348	133	25	2 800
2	16 250	4 277	1 620	2 007	1 892	1 166	1 299	2 444	1 315	153	77	4 100
3 or more	4 943	1 178	564	580	446	597	358	628	500	72	20	4 300
YEAR STRUCTURE BUILT												
1969 to March 1970	721	221	99	119	74	95	37	39	37	-	-	3 300
1960 to 1968	5 591	1 129	586	650	701	514	489	929	511	69	13	4 600
1950 to 1959	9 061	2 419	909	1 336	1 029	875	637	1 250	495	70	41	3 900
1949 or earlier	21 437	7 775	2 522	2 746	2 079	1 572	1 287	2 206	1 044	164	42	3 200
YEAR MOVED INTO UNIT												
1969 to March 1970	10 994	3 310	1 386	1 562	1 270	903	788	1 191	493	65	26	3 500
1968	4 909	1 379	495	663	592	467	344	646	294	11	18	3 900
1960 to 1967	15 074	4 352	1 650	1 960	1 539	1 187	1 119	2 092	983	145	27	3 800
1959 or earlier	5 830	2 575	506	736	455	457	224	536	277	51	13	2 700
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	36 018	11 299	4 015	4 733	3 799	3 024	2 378	4 332	2 043	299	96	3 600
Less than 15 percent	9 148	14	111	446	512	1 048	1 186	3 513	1 923	299	96	8 100
15 to 19 percent	5 413	170	314	729	1 366	1 222	916	627	69	-	-	5 100
20 to 24 percent	4 231	380	442	1 301	1 163	577	220	142	6	-	-	4 000
25 to 34 percent	4 930	1 059	1 412	1 679	626	112	27	9	6	-	-	3 000
35 percent or more	10 497	8 205	1 678	523	70	11	5	5	-	-	-	2000-
Not computed	1 799	1 471	58	55	62	54	24	36	39	-	-	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	9 703	1 843	798	1 203	930	861	987	1 768	1 171	68	74	5 100
Clothes dryer	1 015	278	132	64	140	61	80	110	113	19	18	4 200
Dishwasher	226	47	44	22	-	19	22	33	21	-	-	4 700
Home food freezer	4 687	979	371	590	601	535	298	720	500	73	-	4 500
Owned second home	500	120	19	62	92	36	46	32	93	-	-	5 300
With air conditioning	9 741	1 544	747	1 161	1 143	1 002	871	2 018	1 034	185	36	5 200
Room unit(s)	9 039	1 441	722	1 107	1 079	932	784	1 882	892	164	36	5 200
Central system	702	103	25	54	64	70	87	136	142	21	-	6 400
Automobiles available:												
1	12 537	1 786	947	1 556	1 686	1 418	1 325	2 533	1 112	139	35	5 200
2	1 905	161	71	137	232	172	155	492	419	51	15	7 100
3 or more	140	7	21	17	6	13	15	31	12	18	-	6 400

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]

Memphis	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	26 354	25 472	10 351	10 068	3 434	1 619	882	454	230	82	114
PERSONS											
1 person.....	3 062	2 773	2 763	10	—	—	289	284	5	—	—
2 persons.....	6 362	6 108	5 511	575	—	22	254	165	84	—	5
3 persons.....	4 464	4 369	1 742	2 605	18	4	95	5	86	4	—
4 persons.....	3 469	3 428	286	2 999	115	28	41	—	33	8	—
5 persons.....	2 658	2 630	49	2 121	382	78	28	—	6	4	18
6 persons or more.....	6 339	6 164	—	1 758	2 919	1 487	175	—	16	66	93
Median.....	3.3	3.4	1.9	4.1	6.8	7.5+	2.1	1.3	2.8	...	7.5+
Units with roomers, boarders, or lodgers.....	1 311	1 239	488	609	91	51	72	27	38	7	—
YEAR STRUCTURE BUILT											
1969 to March 1970.....	388	388	86	206	56	40	—	—	—	—	—
1965 to 1968.....	911	911	382	411	55	63	—	—	—	—	—
1960 to 1964.....	1 781	1 741	570	835	242	74	40	8	19	7	6
1950 to 1959.....	8 516	8 335	2 861	3 456	1 395	623	181	66	74	12	29
1940 to 1949.....	6 727	6 497	2 791	2 454	862	390	230	116	73	14	27
1939 or earlier.....	8 002	7 564	3 592	2 738	792	442	438	258	97	31	52
INCOME IN 1969											
Less than \$2,000.....	5 106	4 645	3 164	1 089	219	173	461	318	116	15	12
\$2,000 to \$2,999.....	1 884	1 776	985	574	150	67	108	61	14	8	25
\$3,000 to \$3,999.....	2 098	2 049	898	744	240	167	49	15	25	4	5
\$4,000 to \$4,999.....	1 974	1 922	745	728	311	138	52	20	9	18	5
\$5,000 to \$5,999.....	2 135	2 109	751	885	323	150	26	14	6	6	—
\$6,000 to \$6,999.....	2 165	2 102	640	894	373	195	63	15	21	9	18
\$7,000 to \$9,999.....	5 055	4 986	1 391	2 241	977	377	69	6	15	11	37
\$10,000 to \$14,999.....	4 085	4 031	1 185	2 022	567	257	54	5	24	11	14
\$15,000 to \$24,999.....	1 697	1 697	535	819	253	90	—	—	—	—	—
\$25,000 or more.....	155	155	57	72	21	5	—	—	—	—	—
Median.....	\$6 000	\$6 100	\$4 200	\$7 200	\$7 300	\$6 600	\$2000—	\$2000—	\$2 000	...	\$6 600
VALUE-INCOME RATIO											
Specified owner occupied ¹	23 666	22 940	9 398	9 050	3 094	1 398	726	369	183	74	100
Less than 1.5.....	10 404	10 196	2 790	4 705	1 820	881	208	35	67	48	58
1.5 to 1.9.....	3 558	3 496	1 416	1 425	476	179	62	22	10	—	30
2.0 to 2.4.....	1 931	1 871	749	739	270	113	60	34	15	11	—
2.5 to 2.9.....	1 390	1 350	620	529	143	58	40	25	10	—	5
3.0 to 3.9.....	1 709	1 631	855	569	153	54	78	54	20	4	—
4.0 or more.....	4 068	3 829	2 604	926	192	107	239	176	50	6	7
Not computed.....	606	567	364	157	40	6	39	23	11	5	—
HEATING EQUIPMENT											
Steam or hot water.....	1 240	1 216	526	457	173	60	24	8	10	—	6
Warm-air furnace.....	4 937	4 915	1 927	2 054	689	245	22	12	5	—	5
Built-in electric units.....	1 034	1 024	339	468	162	55	10	—	5	—	5
Floor, wall, or pipeless furnace.....	10 516	10 402	4 111	4 233	1 418	640	114	75	24	4	11
Other means.....	8 601	7 894	3 445	2 844	992	613	707	354	186	78	89
None.....	26	21	3	12	—	6	5	5	—	—	—
Renter occupied housing units	36 810	34 340	9 648	12 926	5 962	5 804	2 470	935	835	245	455
PERSONS											
1 person.....	7 417	6 317	6 155	162	—	—	1 100	835	265	—	—
2 persons.....	7 745	7 247	3 278	3 922	—	47	498	95	349	—	54
3 persons.....	5 466	5 261	186	4 947	108	20	205	—	143	53	9
4 persons.....	4 493	4 315	29	2 654	1 518	104	178	5	41	77	55
5 persons.....	3 498	3 389	—	809	1 501	107	109	—	16	23	70
6 persons or more.....	8 191	7 811	—	422	2 835	4 554	380	—	21	92	267
Median.....	3.1	3.2	1.3	3.0	5.4	7.0	1.8	1.1	1.9	4.4	6.4
Units with roomers, boarders, or lodgers.....	1 437	1 292	232	753	167	140	145	15	73	18	39
YEAR STRUCTURE BUILT											
1969 to March 1970.....	679	644	174	307	109	54	35	14	13	8	—
1965 to 1968.....	2 089	2 074	616	832	459	167	15	—	—	15	—
1960 to 1964.....	3 402	3 342	856	1 237	754	495	60	28	8	7	17
1950 to 1959.....	9 075	8 766	2 051	3 420	1 611	1 684	309	77	124	34	74
1940 to 1949.....	9 373	8 848	2 714	3 176	1 429	1 529	525	207	161	52	105
1939 or earlier.....	12 189	10 679	3 378	3 719	1 628	1 954	1 510	591	538	139	242
INCOME IN 1969											
Less than \$2,000.....	11 544	10 261	4 691	3 221	1 222	1 127	1 283	723	367	44	149
\$2,000 to \$2,999.....	4 116	3 845	1 148	1 571	555	571	271	69	74	55	73
\$3,000 to \$3,999.....	4 851	4 533	1 049	1 817	835	832	318	56	166	35	61
\$4,000 to \$4,999.....	3 883	3 696	742	1 482	749	723	187	25	84	29	49
\$5,000 to \$5,999.....	3 056	2 895	526	1 164	568	637	161	31	87	33	10
\$6,000 to \$6,999.....	2 450	2 371	413	907	518	533	79	9	25	10	35
\$7,000 to \$9,999.....	4 424	4 334	651	1 760	974	949	90	11	27	15	37
\$10,000 to \$14,999.....	2 087	2 006	367	832	462	345	81	11	5	24	41
\$15,000 to \$24,999.....	303	303	42	144	62	55	—	—	—	—	—
\$25,000 or more.....	96	96	19	28	17	32	—	—	—	—	—
Median.....	\$3 600	\$3 700	\$2 100	\$3 900	\$4 500	\$4 500	\$2000—	\$2000—	\$2 700	\$3 700	\$3 100
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	36 018	33 582	9 471	12 681	5 782	5 648	2 436	921	835	240	440
Less than 10 percent.....	3 048	2 853	387	1 159	631	676	195	33	71	34	57
10 to 14 percent.....	6 100	5 764	979	2 441	1 210	1 134	336	68	154	30	84
15 to 19 percent.....	5 413	5 143	1 011	2 112	1 069	951	270	36	133	54	47
20 to 24 percent.....	4 231	4 069	971	1 516	812	770	162	41	34	36	51
25 to 34 percent.....	4 930	4 664	1 420	1 907	684	653	266	121	88	25	32
35 percent or more.....	10 497	9 491	4 020	3 003	1 197	1 271	1 006	536	286	53	131
Not computed.....	1 799	1 598	683	543	179	193	201	86	69	8	38
HEATING EQUIPMENT											
Steam or hot water.....	1 643	1 563	443	625	245	250	80	15	60	—	5
Warm-air furnace.....	3 162	3 058	906	1 338	534	280	104	11	53	—	40
Built-in electric units.....	2 761	2 722	630	1 172	515	405	39	13	—	—	12
Floor, wall, or pipeless furnace.....	9 738	9 565	2 426	3 678	1 803	1 658	173	58	—	14	29
Other means.....	19 438	17 385	5 238	6 099	2 847	3 201	2 653	817	670	197	369
None.....	68	47	5	14	18	10	21	21	—	—	—

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]

Memphis	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	26 354	56	178	1 647	5 686	7 775	6 719	2 791	1 502	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	25 201	47	133	1 430	5 211	7 704	6 436	2 769	1 471	5.3
PERSONS										
1 person	3 062	15	64	511	955	858	440	101	118	4.5
2 persons	6 362	27	55	604	1 744	1 920	1 386	438	188	4.9
3 persons	4 464	4	22	203	1 114	1 374	1 112	441	194	5.1
4 persons	3 469	6	22	123	575	1 171	859	427	286	5.4
5 persons	2 658	—	11	85	386	833	801	378	164	5.5
6 persons or more	6 339	4	4	121	912	1 619	2 121	1 006	552	5.7
Median	3.3	...	2.0	2.0	2.6	3.3	4.0	4.5	4.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	25 472	44	176	1 442	5 351	7 602	6 683	2 765	1 467	5.3
0.50 or less	10 351	—	28	441	2 494	2 664	2 922	976	826	5.3
0.51 to 1.00	10 068	10	38	719	1 626	3 348	2 344	1 470	513	5.3
1.01 to 1.50	3 434	—	18	115	655	1 106	1 146	277	117	5.3
1.51 or more	1 619	36	32	167	376	484	271	42	11	4.5
Lacking some or all plumbing facilities	882	10	62	205	335	173	36	26	35	4.0
0.50 or less	454	—	36	70	205	114	16	4	9	4.1
0.51 to 1.00	230	5	17	88	63	30	11	6	10	3.6
1.01 to 1.50	82	—	4	8	23	17	4	10	16	...
1.51 or more	116	5	5	39	44	12	5	6	—	3.7
BEDROOMS										
None and 1	1 940	63	127	984	490	107	85	18	66	3.9
2	11 784	—	—	566	5 023	4 225	1 699	211	60	4.6
3	9 933	—	—	—	390	2 925	4 732	1 493	393	5.8
4 or more	2 613	—	—	—	—	64	636	902	1 011	7.2
YEAR STRUCTURE BUILT										
1969 to March 1970	448	—	—	11	36	181	156	41	23	5.5
1960 to 1968	2 711	—	6	53	402	852	803	420	175	5.6
1950 to 1959	8 405	5	47	261	1 819	2 746	2 420	777	310	5.2
1949 or earlier	14 790	51	125	1 302	3 429	3 996	3 340	1 553	994	5.1
COMPLETE BATHROOMS										
1 and 1/2	22 865	41	106	1 354	5 149	7 494	5 804	2 138	779	5.1
2 or more	2 397	6	27	76	80	218	647	651	692	6.7
None or also used by another household	1 063	12	74	244	352	203	99	36	43	4.1
VALUE-INCOME RATIO										
Specified owner occupied ¹	23 666	34	131	1 266	4 999	7 068	6 207	2 612	1 349	5.9
Less than 1.5	10 404	15	20	382	2 055	3 045	2 889	1 344	654	5.4
1.5 to 1.9	3 558	4	20	156	656	1 041	1 073	429	179	5.4
2.0 to 2.9	3 321	5	6	171	705	1 005	897	356	176	5.3
3.0 or more	5 777	5	70	486	1 408	1 845	1 213	435	315	5.0
Not computed	606	5	15	71	175	132	135	48	25	4.8
Renter occupied housing units	36 810	629	2 587	14 497	12 930	3 860	1 598	499	210	3.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	33 035	178	1 560	13 124	12 349	3 657	1 469	518	180	3.6
PERSONS										
1 person	7 417	427	1 538	3 759	1 368	208	76	25	16	3.0
2 persons	7 745	101	535	3 736	2 683	432	179	54	25	3.4
3 persons	5 466	29	161	2 218	2 324	548	130	32	24	3.6
4 persons	4 493	30	129	1 595	2 098	431	147	29	34	3.7
5 persons	3 498	22	82	1 045	1 524	589	164	59	13	3.9
6 persons or more	8 191	20	142	2 144	2 933	1 652	902	300	98	4.1
Median	3.1	1.2	1.3	2.4	3.5	5.0	6.0	6.3	5.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	34 340	269	1 806	13 728	12 555	3 749	1 566	479	188	3.6
0.50 or less	9 648	—	1 027	3 510	3 920	622	380	106	83	3.6
0.51 to 1.00	12 926	162	391	5 685	4 351	1 532	493	249	83	3.6
1.01 to 1.50	5 962	—	108	1 518	2 471	1 048	534	65	18	4.0
1.51 or more	5 804	107	280	3 015	1 633	547	159	59	4	3.0
Lacking some or all plumbing facilities	2 470	360	781	769	375	111	32	20	22	2.6
0.50 or less	935	—	511	249	131	18	5	5	16	2.4
0.51 to 1.00	835	265	144	269	91	36	9	15	6	2.5
1.01 to 1.50	245	—	53	77	60	37	18	—	—	3.4
1.51 or more	455	95	73	174	93	20	—	—	—	2.8
BEDROOMS										
None	1 010	751	183	76	—	—	—	—	—	1.2
1	14 761	—	2 465	11 232	896	85	45	—	38	2.9
2	16 250	—	—	3 031	11 255	1 648	279	37	—	4.0
3 or more	4 943	—	—	—	658	2 300	1 374	436	175	5.3
YEAR STRUCTURE BUILT										
1969 to March 1970	721	—	15	165	339	170	32	—	—	4.0
1960 to 1968	5 591	28	113	1 617	2 987	546	206	71	23	3.8
1950 to 1959	9 061	89	318	3 900	3 334	775	478	132	35	3.4
1949 or earlier	21 437	512	2 141	8 815	6 270	2 369	882	296	152	3.4
COMPLETE BATHROOMS										
1 and 1/2	33 059	245	1 633	13 244	12 319	3 604	1 404	475	135	3.6
2 or more	438	12	26	37	118	81	76	43	45	4.8
None or also used by another household	3 310	332	927	1 178	601	145	75	22	30	2.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	36 018	625	2 521	14 208	12 613	3 801	1 548	492	210	3.6
Less than 10 percent	3 048	71	211	1 145	1 070	342	121	56	32	3.6
10 to 14 percent	6 100	132	294	1 989	2 513	780	300	99	20	3.7
15 to 19 percent	5 413	46	271	2 051	2 094	612	220	33	16	3.6
20 to 24 percent	4 231	29	195	1 659	1 660	447	192	58	15	3.5
25 to 34 percent	4 930	66	335	1 976	1 796	483	201	161	64	3.4
35 percent or more	10 497	178	1 058	4 700	3 011	933	392	161	29	3.4
Not computed	1 799	103	157	688	469	204	122	—	—	...

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]

Memphis	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	26 354	24 815	1 478	61	36 810	15 565	6 950	3 454	4 489	4 678	1 633	41
ROOMS												
1 room	56	34	22	--	629	155	52	70	138	158	56	--
2 rooms	178	135	43	--	2 587	834	441	257	214	543	298	--
3 rooms	1 647	1 336	300	11	14 497	5 770	3 961	1 488	1 371	1 469	415	23
4 rooms	5 686	5 204	472	10	12 930	4 876	1 919	1 257	2 033	2 035	804	6
5 rooms	7 775	7 470	304	19	3 860	2 236	415	301	448	408	40	12
6 rooms	6 719	6 498	207	14	1 598	1 187	132	46	188	30	15	--
7 rooms	2 791	2 715	69	7	499	350	19	35	75	20	--	--
8 rooms or more	1 502	1 423	79	--	210	157	11	--	22	15	5	--
Median	5.2	5.3	4.3	...	3.6	3.7	3.3	3.4	3.8	3.6	3.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	25 472	24 057	1 359	56	34 340	14 488	6 588	3 242	4 258	4 276	1 447	41
0.50 or less	10 351	9 740	597	14	9 648	4 083	1 782	846	1 137	1 262	538	--
0.51 to 1.00	10 068	9 520	523	25	12 926	5 202	2 443	1 356	1 707	1 642	552	24
1.01 to 1.50	3 434	3 266	156	12	5 962	2 525	969	502	864	926	170	6
1.51 or more	1 619	1 531	83	5	5 804	2 678	1 394	538	550	446	187	11
Lacking some or all plumbing facilities	882	758	119	5	2 470	1 077	362	212	231	402	186	--
0.50 or less	454	386	68	--	935	409	168	67	55	135	101	--
0.51 to 1.00	230	193	32	5	835	315	103	58	129	173	57	--
1.01 to 1.50	82	74	8	--	245	155	19	20	9	34	8	--
1.51 or more	116	105	11	--	455	198	72	67	38	60	20	--
BEDROOMS												
None	83	43	40	--	1 010	174	192	82	293	245	24	--
1	1 857	1 550	307	--	14 761	5 799	3 634	1 313	1 405	1 878	732	--
2	11 784	11 145	581	58	16 250	6 823	2 619	1 738	2 235	1 982	776	77
3	9 933	9 710	209	14	3 958	2 534	259	268	466	381	50	--
4 or more	2 613	2 469	144	--	985	566	70	62	212	56	19	--
YEAR STRUCTURE BUILT												
1969 to March 1970	448	415	12	21	721	127	92	203	154	107	38	--
1965 to 1968	933	875	49	9	2 172	552	287	300	493	330	210	--
1960 to 1964	1 778	1 681	93	4	3 419	1 048	443	263	697	665	303	--
1950 to 1959	8 405	8 086	309	10	9 061	3 704	2 029	817	1 188	958	354	11
1940 to 1949	6 886	6 441	435	10	9 417	4 319	1 973	825	811	1 173	297	19
1939 or earlier	7 904	7 317	580	7	12 020	5 815	2 126	1 046	1 146	1 445	431	11
INCOME IN 1969												
Less than \$2,000	5 106	4 592	505	9	11 544	4 939	2 057	1 110	1 379	1 593	447	19
\$2,000 to \$2,999	1 884	1 751	133	--	4 116	1 741	808	355	506	564	136	6
\$3,000 to \$3,999	2 098	1 938	154	6	4 851	1 831	981	497	628	700	211	3
\$4,000 to \$4,999	1 974	1 850	118	6	3 883	1 569	730	436	466	505	174	3
\$5,000 to \$5,999	2 135	2 016	109	10	3 056	1 306	609	306	339	363	129	4
\$6,000 to \$6,999	2 165	2 038	123	4	2 450	983	495	223	349	264	136	--
\$7,000 to \$9,999	5 055	4 887	155	13	4 424	1 981	857	337	508	494	247	--
\$10,000 to \$14,999	4 085	3 941	140	4	2 087	1 055	340	154	242	165	125	6
\$15,000 to \$24,999	1 697	1 652	41	4	303	122	47	30	55	21	28	--
\$25,000 or more	155	150	--	5	96	38	26	6	17	9	--	--
Median	\$6 000	\$6 100	\$3 700	...	\$3 600	\$3 600	\$3 600	\$3 500	\$3 600	\$3 300	\$4 100	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 599	2 404	174	21	10 994	3 982	2 314	1 332	1 408	1 339	612	7
1968	1 615	1 480	128	7	4 909	1 917	1 063	555	615	524	235	--
1967	1 379	1 341	38	--	3 364	1 459	746	274	418	351	116	--
1965 and 1966	3 079	2 891	182	6	5 794	2 639	924	430	664	905	232	--
1960 to 1964	4 859	4 595	258	6	5 916	2 564	1 094	426	752	799	270	11
1950 to 1959	6 922	6 543	362	17	4 015	1 836	601	375	438	594	156	15
1949 or earlier	5 872	5 473	399	--	1 815	1 050	248	99	172	190	56	--
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	36 018	14 773	6 950	3 454	4 489	4 678	1 633	41
Less than \$50	...	...	...	...	6 258	1 473	639	658	1 370	1 715	391	12
\$50 to \$59	...	...	...	...	4 891	2 041	1 040	485	538	593	172	22
\$60 to \$69	...	...	...	...	7 045	2 952	1 846	730	637	660	220	--
\$70 to \$79	...	...	...	...	5 978	2 539	1 457	643	557	560	218	4
\$80 to \$99	...	...	...	...	7 814	3 402	1 333	752	1 081	850	396	--
\$100 to \$119	...	...	...	...	2 352	1 241	436	130	176	209	157	3
\$120 to \$149	...	...	...	...	820	459	109	29	90	68	65	--
\$150 to \$199	...	...	...	...	234	158	39	--	22	9	6	--
\$200 to \$299	...	...	...	...	45	13	18	9	5	--	--	--
\$300 or more	...	...	...	...	6	--	6	--	--	--	--	--
No cash rent	...	...	...	...	575	495	27	18	13	14	8	--
Median	...	...	...	...	\$69	\$73	\$70	\$68	\$65	\$60	\$71	...
HEATING EQUIPMENT												
Steam or hot water	1 240	1 150	85	5	1 643	492	159	151	358	400	83	--
Warm-air furnace	4 937	4 776	128	33	3 162	983	434	392	581	456	312	4
Built-in electric units	1 034	937	97	--	2 761	922	284	379	562	462	152	--
Floor, wall, or pipeless furnace	10 516	9 993	516	7	9 738	3 966	2 188	763	1 218	1 171	429	3
Other means	8 601	7 936	649	16	19 438	9 186	3 855	1 757	1 770	2 179	657	34
None	26	23	3	--	68	16	30	12	--	10	--	--
AIR CONDITIONING												
Room unit(s)	15 374	14 611	725	38	9 039	3 398	1 686	897	1 295	1 232	531	--
Central system	1 844	1 831	13	--	702	198	44	31	148	106	175	--
None	9 107	8 285	803	19	27 066	11 851	5 260	2 563	3 024	3 364	971	33
AUTOMOBILES AVAILABLE												
1	12 838	12 014	787	37	12 537	5 460	2 317	1 216	1 422	1 420	691	11
2	5 394	5 446	142	6	1 905	919	388	157	209	120	112	--
3 or more	658	646	12	--	140	80	45	5	5	5	--	--
None	7 235	6 621	600	14	22 225	8 988	4 240	2 113	2 831	3 157	874	22

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]

Memphis	Total	Two-or-more-person households									One-person households	
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	26 354	365	2 694	3 727	7 653	2 803	965	345	3 613	1 127	1 562	1 500
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	25 472	365	2 678	3 658	7 484	2 707	937	308	3 520	1 042	1 511	1 262
0.50 or less	10 357	108	603	569	2 637	1 417	330	141	1 250	533	1 511	1 252
0.51 to 1.00	10 068	169	1 508	1 610	3 193	1 059	432	115	1 573	399	--	10
1.01 to 1.50	3 434	79	437	948	1 105	159	118	40	484	64	--	--
1.51 or more	1 619	9	130	531	549	72	57	12	213	46	--	--
Lacking some or all plumbing facilities	882	--	16	69	169	96	28	37	93	85	51	238
0.50 or less	454	--	11	8	42	35	9	10	18	37	51	233
0.51 to 1.00	230	--	--	20	55	46	4	21	42	37	--	5
1.01 to 1.50	82	--	5	9	31	4	9	6	12	6	--	--
1.51 or more	116	--	--	32	41	11	6	--	21	5	--	--
UNITS IN STRUCTURE												
1	24 815	336	2 573	3 629	7 350	2 603	873	310	3 316	1 049	1 418	1 358
2 or more	1 478	19	121	82	292	194	92	35	289	73	139	142
Mobile home or trailer	61	10	--	16	11	6	--	--	8	5	5	--
INCOME IN 1969												
Less than \$2,000	5 106	46	102	109	484	796	82	162	851	461	792	1 221
\$2,000 to \$2,999	1 884	17	28	85	298	465	35	29	399	188	182	158
\$3,000 to \$3,999	2 098	45	87	196	490	360	87	36	489	94	161	53
\$4,000 to \$4,999	1 974	44	142	199	611	243	97	38	391	87	91	31
\$5,000 to \$5,999	2 135	36	171	239	780	252	125	17	330	69	116	--
\$6,000 to \$6,999	2 165	20	329	466	768	140	118	15	200	46	47	16
\$7,000 to \$9,999	5 055	91	873	1 097	1 751	286	209	33	518	92	100	5
\$10,000 to \$14,999	4 085	56	753	902	1 589	180	148	10	307	66	64	10
\$15,000 to \$24,999	1 697	10	209	390	617	65	54	5	117	20	4	6
\$25,000 or more	155	--	--	44	65	16	--	--	11	4	5	--
Median	\$6 000	\$5 800	\$8 700	\$8 600	\$7 700	\$3 400	\$6 500	\$2 400	\$4 200	\$2 500	\$2 000	\$2000--
VALUE-INCOME RATIO												
Specified owner occupied?	23 666	306	2 444	3 427	7 051	2 506	841	293	3 141	1 017	1 330	1 310
Less than 1.5	10 404	109	1 209	2 181	4 192	664	406	64	1 101	252	184	42
1.5 to 1.9	3 558	77	547	577	1 085	378	152	31	432	80	119	80
2.0 to 2.4	1 931	26	317	265	551	177	72	30	261	71	125	36
2.5 to 2.9	1 390	19	139	123	354	225	26	37	208	97	100	65
3.0 to 3.9	1 709	31	97	117	341	302	49	39	331	126	134	122
4.0 or more	4 068	39	114	159	495	678	79	80	662	367	558	837
Not computed	606	5	21	5	33	82	40	12	146	24	110	128
Renter occupied housing units	36 810	2 414	4 630	2 985	4 233	1 909	1 625	429	10 161	1 007	4 706	2 711
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	34 340	2 320	4 542	2 848	4 033	1 798	1 487	365	9 705	925	4 072	2 245
0.50 or less	9 648	239	386	201	642	448	332	115	905	225	3 985	2 170
0.51 to 1.00	12 924	1 397	1 820	885	1 857	1 084	721	221	4 274	505	87	75
1.01 to 1.50	5 962	429	1 252	778	726	176	251	20	2 226	104	--	--
1.51 or more	5 804	255	1 084	984	808	90	183	9	2 300	91	--	--
Lacking some or all plumbing facilities	2 470	94	88	137	200	111	138	64	454	82	634	466
0.50 or less	935	--	10	5	11	22	51	10	15	27	454	381
0.51 to 1.00	835	31	19	46	103	56	38	44	184	36	180	85
1.01 to 1.50	245	9	13	26	30	19	38	5	86	19	--	--
1.51 or more	455	54	46	60	56	14	49	5	171	--	--	--
UNITS IN STRUCTURE												
1	15 565	759	1 716	1 486	2 212	1 054	763	215	3 933	542	1 699	1 186
2 to 4	10 404	898	1 397	775	1 149	461	452	120	2 917	194	1 379	662
5 to 19	9 167	623	1 249	630	746	349	308	79	2 965	223	1 254	741
20 or more	1 633	128	265	94	120	40	98	15	333	44	374	122
Mobile home or trailer	41	6	3	--	6	5	--	--	13	4	--	--
GROSS RENT												
Specified renter occupied?	36 018	2 377	4 469	2 907	4 158	1 896	1 611	411	9 923	975	4 610	2 681
Less than \$50	6 258	139	160	168	356	437	134	88	2 116	185	1 304	1 171
\$50 to \$59	4 891	265	375	310	508	244	191	84	1 256	171	925	562
\$60 to \$69	7 045	560	864	653	862	386	328	87	1 860	166	802	477
\$70 to \$79	5 978	437	967	592	809	293	318	58	1 675	176	493	160
\$80 to \$99	7 814	726	1 472	767	1 017	366	383	49	2 034	148	713	139
\$100 to \$119	2 352	192	394	252	376	85	166	15	641	52	148	31
\$120 to \$149	820	45	146	97	103	39	45	11	202	27	91	14
\$150 to \$199	234	4	44	34	45	--	4	--	42	5	30	--
\$200 to \$299	45	5	10	4	5	--	4	--	8	--	4	5
\$300 or more	6	--	--	--	--	--	--	--	--	--	--	--
No cash rent	575	4	37	30	77	40	16	15	89	45	100	122
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied?	36 018	2 377	4 469	2 907	4 158	1 896	1 611	411	9 923	975	4 610	2 681
Less than \$5,000	23 846	1 218	1 444	1 135	2 005	1 559	887	337	7 935	824	3 872	2 630
Less than 20 percent	3 662	252	284	270	463	244	166	42	1 195	103	521	134
20 to 24 percent	3 286	286	417	230	358	200	137	54	1 032	32	434	106
25 to 34 percent	4 776	319	319	300	456	357	207	57	1 638	95	606	422
35 percent or more	10 476	319	382	303	644	693	319	151	3 512	542	1 915	1 696
Not computed	1 646	42	42	32	84	77	58	33	558	52	396	272
\$5,000 to \$9,999	9 734	952	2 361	1 333	1 690	288	87	59	1 663	111	670	45
Less than 20 percent	8 512	848	2 096	1 207	1 467	271	459	55	1 388	102	578	41
20 to 24 percent	939	90	196	95	178	5	78	--	220	5	68	4
25 to 34 percent	148	10	45	15	22	--	14	--	27	--	10	--
35 percent or more	21	--	10	--	5	--	--	--	6	--	--	--
Not computed	114	4	14	16	18	7	11	4	22	4	14	--
\$10,000 to \$14,999	2 043	193	557	369	379	49	122	15	261	28	64	6
Less than 20 percent	1 992	193	557	349	354	43	122	15	261	28	64	6
20 to 24 percent	6	--	--	6	--	--	--	--	--	--	--	--
25 percent or more	6	--	--	--	6	--	--	--	--	--	--	--
Not computed	39	--	--	14	25	--	--	--	64	12	4	--
\$15,000 or more	395	14	107	70	84	--	40	--	64	12	4	--
Less than 20 percent	395	14	107	70	84	--	40	--	64	12	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 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)

Memphis	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	26 354	3 062	6 362	4 464	3 469	2 658	1 958	2 311	2 070	3.3
BEDROOMS										
None and 1	1 940	824	554	103	183	134	23	74	45	1.8
2	11 784	1 671	3 942	2 376	1 446	892	530	563	364	2.6
3	9 933	663	1 481	1 478	1 449	1 477	1 123	1 350	912	4.4
4 or more	2 613	60	259	222	302	247	417	441	665	6.0
YEAR STRUCTURE BUILT										
1969 to March 1970	448	20	63	85	66	91	39	48	36	4.3
1965 to 1968	933	57	146	233	221	114	49	52	61	3.6
1960 to 1964	1 778	96	336	297	312	202	214	162	159	4.0
1950 to 1959	8 405	677	1 770	1 421	1 214	971	741	906	705	3.8
1940 to 1949	6 886	832	1 742	1 252	870	639	466	583	502	3.2
1939 or earlier	7 904	1 380	2 305	1 176	786	641	449	560	607	2.7
UNITS IN STRUCTURE										
1	24 815	2 776	5 928	4 172	3 242	2 567	1 918	2 228	1 984	3.4
2 or more	1 478	281	425	287	205	82	40	77	81	2.6
Mobile home or trailer	61	5	9	5	22	9	-	6	5	...
COMPLETE BATHROOMS										
1 and 1 1/2	22 865	2 564	5 592	3 909	3 086	2 296	1 706	1 962	1 750	3.3
2 and 2 1/2	2 154	171	405	423	337	247	163	203	205	3.7
3 or more	243	20	60	49	22	58	8	19	7	3.3
None or also used by another household	1 063	303	332	130	51	27	35	63	122	2.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	23 292	...	6 362	4 464	3 469	2 658	1 958	2 311	2 070	3.7
Male head, wife present, no nonrelatives	17 242	...	4 305	3 166	2 596	2 085	1 477	1 902	1 711	3.9
Under 25 years	365	...	65	117	72	23	39	31	18	3.5
25 to 34 years	2 694	...	267	516	619	509	307	314	162	4.4
35 to 44 years	3 727	...	318	518	545	585	410	676	675	5.3
45 to 64 years	7 653	...	2 152	1 465	1 092	816	596	783	749	3.7
65 years and over	2 803	...	1 503	550	268	152	125	98	107	2.4
Other male head	1 310	...	464	264	195	124	64	109	90	3.2
Under 65 years	965	...	290	196	162	103	59	92	63	3.5
65 years and over	345	...	174	68	33	21	5	17	27	2.5
Female head	4 740	...	1 593	1 034	678	449	417	300	269	3.3
Under 65 years	3 613	...	1 001	838	562	371	360	260	221	3.5
65 years and over	1 127	...	592	196	116	78	57	40	48	2.5
One-person households	3 062	3 062	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied ¹	23 666	2 640	5 767	3 974	3 116	2 477	1 765	2 093	1 834	3.4
Less than 1.5	10 404	226	1 897	1 829	1 655	1 492	964	1 217	1 124	4.3
1.5 to 1.9	3 558	199	901	721	491	329	299	350	268	3.4
2.0 to 2.4	1 931	161	503	335	280	173	140	167	172	3.4
2.5 to 2.9	1 390	165	437	205	141	137	135	101	69	3.0
3.0 to 3.9	1 709	256	599	274	189	140	65	134	52	2.5
4.0 or more	4 068	1 395	1 277	557	299	176	134	102	128	2.0
Not computed	606	238	153	53	61	30	28	22	21	1.9
Renter occupied housing units	36 810	7 417	7 745	5 466	4 493	3 498	2 744	2 967	2 480	3.1
BEDROOMS										
None	1 010	558	209	107	37	58	-	41	-	1.4
1	14 761	4 874	4 095	1 929	1 601	819	642	453	348	2.1
2	16 250	1 922	3 277	3 017	2 492	2 044	1 391	1 300	807	3.5
3 or more	4 943	125	489	385	372	678	757	1 012	1 125	6.1
YEAR STRUCTURE BUILT										
1969 to March 1970	721	62	164	161	130	65	66	44	29	3.3
1965 to 1968	2 172	317	422	386	392	248	151	133	123	3.4
1960 to 1964	3 419	413	798	633	482	352	227	302	212	3.3
1950 to 1959	9 061	1 448	1 790	1 518	1 196	958	694	829	628	3.4
1940 to 1949	9 417	2 002	1 892	1 381	1 145	910	668	845	574	3.1
1939 or earlier	12 020	3 175	2 679	1 387	1 148	965	938	814	914	2.6
UNITS IN STRUCTURE										
1	15 565	2 885	3 063	2 155	1 828	1 505	1 300	1 448	1 381	3.4
2	6 950	1 381	1 679	1 051	796	614	516	512	401	2.9
3 and 4	3 454	660	760	588	448	331	226	269	172	3.0
5 to 9	4 489	895	890	697	604	433	275	399	296	3.2
10 to 19	4 678	1 100	1 008	662	656	477	338	249	188	2.8
20 or more	1 633	496	336	310	161	114	89	85	42	2.5
Mobile home or trailer	41	9	9	3	-	24	-	5	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	33 059	6 182	6 965	4 992	4 119	3 281	2 504	2 753	2 263	3.2
2 or more	438	56	48	85	27	76	26	40	80	4.5
None or also used by another household	3 310	1 231	647	345	264	180	193	250	200	2.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	29 393	...	7 745	5 466	4 493	3 498	2 744	2 967	2 480	3.8
Male head, wife present, no nonrelatives	16 171	...	4 231	3 068	2 474	1 921	1 373	1 723	1 381	3.8
Under 25 years	2 414	...	506	889	570	219	93	100	37	3.3
25 to 34 years	4 630	...	646	909	942	799	538	518	278	4.3
35 to 44 years	2 985	...	430	350	377	311	395	540	582	5.6
45 to 64 years	4 233	...	1 462	632	453	454	308	486	438	3.5
65 years and over	1 909	...	1 187	288	132	138	39	79	46	2.3
Other male head	2 054	...	923	438	183	205	143	98	64	2.7
Under 65 years	1 625	...	673	307	149	201	143	93	59	3.0
65 years and over	429	...	250	131	34	4	-	5	5	2.4
Female head	11 168	...	2 591	1 960	1 836	1 372	1 228	1 146	1 035	4.1
Under 65 years	10 161	...	2 084	1 762	1 677	1 297	1 210	1 122	1 009	4.2
65 years and over	1 007	...	507	198	159	75	18	24	26	2.5
One-person households	7 417	7 417	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	36 018	7 291	7 632	5 364	4 371	3 419	2 635	2 913	2 393	3.1
Less than 10 percent	3 048	197	601	473	475	352	330	315	305	4.0
10 to 14 percent	6 100	562	1 210	1 063	894	705	568	609	489	3.7
15 to 19 percent	5 413	589	1 136	951	784	534	440	583	396	3.5
20 to 24 percent	4 231	612	888	666	508	477	307	406	367	3.4
25 to 34 percent	4 930	1 038	1 187	791	579	411	317	332	275	2.8
35 percent or more	10 497	3 611	2 245	1 222	973	841	559	558	488	2.2
Not computed	1 799	682	365	198	158	99	114	110	73	2.1

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

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

Appendix A.—AREA CLASSIFICATIONS

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USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

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

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

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

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

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

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

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

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

APPENDIX B—Continued

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B—Continued

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

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p> <p>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; margin-right: 50px;"><i>Phone number</i></p> <p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p> <p>H3. Do you have complete kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p> <p>H4. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room <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>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 (<i>include mobile homes and trailers</i>)</p>	<p>H9. Are your living quarters—</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p> <p>H10a. Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p> <p>H11. If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> <p>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 (<i>Nearest dollar</i>)</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—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center;"><i>(Nearest dollar) (Week, half-month, year, etc.)</i></p>	<p style="text-align: center;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">a4. Block number</td> <td style="width: 50%; border-bottom: 1px solid black;">a5. Serial number</td> </tr> <tr> <td>0 0 0 0 0 0</td> <td>0 0 0 0 0 0</td> </tr> <tr> <td>1 0 0 0 1 0 0 0 0 1</td> <td>1 0 0 0 1 0 0 0 0 1</td> </tr> <tr> <td>2 0 0 0 2 0 0 0 0 2</td> <td>2 0 0 0 2 0 0 0 0 2</td> </tr> <tr> <td>3 0 0 0 3 0 0 0 0 3</td> <td>3 0 0 0 3 0 0 0 0 3</td> </tr> <tr> <td>4 0 0 0 4 0 0 0 0 4</td> <td>4 0 0 0 4 0 0 0 0 4</td> </tr> <tr> <td>5 0 0 0 5 0 0 0 0 5</td> <td>5 0 0 0 5 0 0 0 0 5</td> </tr> <tr> <td>6 0 0 0 6 0 0 0 0 6</td> <td>6 0 0 0 6 0 0 0 0 6</td> </tr> <tr> <td>7 0 0 0 7 0 0 0 0 7</td> <td>7 0 0 0 7 0 0 0 0 7</td> </tr> <tr> <td>8 0 0 0 8 0 0 0 0 8</td> <td>8 0 0 0 8 0 0 0 0 8</td> </tr> <tr> <td>9 0 0 0 9 0 0 0 0 9</td> <td>9 0 0 0 9 0 0 0 0 9</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><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</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>D. Months vacant</p> <p><input type="radio"/> Less than 1 month</p> <p><input type="radio"/> 1 up to 2 months</p> <p><input type="radio"/> 2 up to 6 months</p> <p><input type="radio"/> 6 up to 12 months</p> <p><input type="radio"/> 1 year up to 2 years</p> <p><input type="radio"/> 2 years or more</p> <p>C/O <input type="radio"/> <input type="radio"/></p>	a4. Block number	a5. Serial number	0 0 0 0 0 0	0 0 0 0 0 0	1 0 0 0 1 0 0 0 0 1	1 0 0 0 1 0 0 0 0 1	2 0 0 0 2 0 0 0 0 2	2 0 0 0 2 0 0 0 0 2	3 0 0 0 3 0 0 0 0 3	3 0 0 0 3 0 0 0 0 3	4 0 0 0 4 0 0 0 0 4	4 0 0 0 4 0 0 0 0 4	5 0 0 0 5 0 0 0 0 5	5 0 0 0 5 0 0 0 0 5	6 0 0 0 6 0 0 0 0 6	6 0 0 0 6 0 0 0 0 6	7 0 0 0 7 0 0 0 0 7	7 0 0 0 7 0 0 0 0 7	8 0 0 0 8 0 0 0 0 8	8 0 0 0 8 0 0 0 0 8	9 0 0 0 9 0 0 0 0 9	9 0 0 0 9 0 0 0 0 9
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APPENDIX B—Continued

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

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <small>Average monthly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used</p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <small>Average monthly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used</p> <p>c. Water? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <small>Yearly cost</small> <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <small>Yearly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used</p>	<p>H19. Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p>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>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 checked="" type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19 <input type="radio"/> On a place of less than 10 acres? <input type="radio"/> On a place of 10 acres or more?</p>	<p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 automobiles or more</p>
<p>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

APPENDIX B—Continued

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

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <hr/> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <hr/> <p>c. Water? <input checked="" type="checkbox"/></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p> <hr/> <p>H14. How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/></p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p> <hr/> <p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p> <hr/> <p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families <input checked="" type="radio"/></p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <hr/> <p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p> <hr/> <p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p>H24a. How many stories (floors) are in this building?</p> <p><input type="radio"/> 1 to 3 stories</p> <p><input type="radio"/> 4 to 6 stories</p> <p><input type="radio"/> 7 to 12 stories</p> <p><input checked="" type="radio"/> 13 stories or more</p> <hr/> <p>b. If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>H25a. Which fuel is used most for cooking? <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>b. Which fuel is used most for house heating? <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>c. Which fuel is used most for water heating? <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p> <hr/> <p>H27a. Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <hr/> <p>b. Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input checked="" type="radio"/> No</p> <hr/> <p>c. Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>d. Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>H28a. Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <hr/> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p> <hr/> <p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p> <hr/> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
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15 and 5 percent

5 percent

APPENDIX B—Continued

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

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

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you **must** go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do **not** have to be in the same room.
Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark **hot water** even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of **Also used by another household**.
- H8. A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a **concrete slab** has no basement and no air or crawl space below it. A house built in **another way** is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.
 Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.
Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10. A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
 a. If you pay rent by the month, write in the amount of rent and fill one circle.
 b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.

- H14. This question refers to the type of heating equipment and not to the fuel used.
 A heat pump is sometimes known as a **reverse cycle** system.
 A **floor, wall, or pipeless furnace** delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.
 Any heater that you plug into an electric outlet should be counted as a **portable room heater**--not a built-in electric unit.
- H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.
Detached means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.
 A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.
- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20. A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.
 b. Do not count elevators used only for freight.
- H25. **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28. Count any set equipped to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

Appendix C.—ACCURACY OF THE DATA

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

APPENDIX C—Continued

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

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

²An 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, home-owner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

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

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

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

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

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

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

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume II.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

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

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

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

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

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

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

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

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

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
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10	SALES PRICE ASKED AND RENT ASKED

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

MERIDEN, CONN.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-131

An aerial photograph of a city skyline, with a cluster of houses in the foreground. The houses are white with dark roofs, and the city buildings are visible in the background.

1970 CENSUS OF HOUSING

U.S. DEPARTMENT
OF COMMERCE
Social and Economic
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Arthur F. Young, Chief

ACKNOWLEDGMENTS—Many persons participated in the various activities of the 1970 census. Primary direction of the program was performed by **Conrad Taeuber**, Associate Director for Demographic Fields, assisted by **David L. Kaplan**, 1970 Census Coordinator, and in conjunction with **Paul R. Squires**, Associate Director for Data Collection and Processing, and **Joseph Waksberg**, Acting Associate Director for Statistical Standards and Methodology.

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

The procedures for sample selection, sample weighting, and computation of sampling variances were developed in the Statistical Methods Division, under the supervision of **Morton Boisen**, Acting Chief, and **Robert H. Hanson** and **Walter M. Perkins**, Assistant Division Chiefs, assisted by **William T. Alsbrooks**, **Peter A. Bounpane**, **Barbara A. Boyes**, and **Carlton W. Pruden**.

Geographic plans and procedures were developed in the Geography Division under the supervision of **William T. Fay**, then Chief, and **Robert C. Klove** and **Gerald J. Post**, Assistant Division Chiefs.

Data collection activities were administered by the Field Division, **Richard C. Burt**,

Chief, and **Daan H. Weber**, Assistant Division Chief, with the assistance of the directors of the Bureau's data collection centers.

Systems and processing procedures were developed under the direction of **Morris Gorinson**, Assistant Chief, Demographic Census Staff. **Florence Wright**, assisted by **Orville M. Slye** and **Erne Wilkins**, was responsible for the clerical procedures and **Roger O. Lepage**, assisted by **Howard N. Hamilton**, **William Norfolk**, and **Eleanor Banks**, was responsible for the computer programming. **Donald R. Dalzell** was responsible for the computer procedures and programs used for the electronic preparation of the tables in this report.

The manual processing and microfilming of the questionnaires and the review of tabulation controls were performed in the Data Preparation Division (formerly Jeffersonville Census Operations Division), under the direction of **Robert L. Hagan**, then Chief, with the assistance of **Rex L. Pullin**. **William L. Pangburn** supervised the microfilming operation. **Dan N. Harding**, assisted by **Nora H. Shouse**, was responsible for the tabulation review work, in which **Peter J. Franczek** also made important contributions.

FOSDIC and computer processing were performed in the Computer Services Division under the supervision of **James R. Papat**, Chief, and **E. Richard Bourdon** and **James W. Shores**, Assistant Division Chiefs. Development of the FOSDIC equipment was directed by **William M. Gaines**, Assistant

Division Chief, and **McRae Anderson**. Development of the automatic microfilming equipment was directed by **Anthony A. Berlinsky**.

Publications planning, editing, composition, and printing procurement were performed in the Publications Services Division, under the direction of **Raymond J. Koski**, Acting Chief, by **Milton S. Andersen**, **Gerald A. Mann**, and **Wayne H. Massey**.

Important contributions were made by **Robert B. Voight** and **Sherry L. Courtland** in the planning and coordination of the 1970 census program; by **Lucille D. Catterton** in the planning of the tabular materials; and by **John W. H. Spencer**, **Sol Dolleck**, and **M. Douglas Fahey** in the systems design and operations for processing the census data.

SUGGESTED CITATION

U.S. Bureau of the Census
Census of Housing: 1970
**METROPOLITAN HOUSING
CHARACTERISTICS**
Final Report HC(2)-131
Meriden, Conn. SMSA
U.S. Government Printing Office
Washington, D.C. 1972

For sale by the
Superintendent of Documents
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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

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

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LIST OF HC(2) REPORTS

Report number	Area	Report number	Area	Report number	Area
1	United States and Regions	43	Chattanooga, Tenn.-Ga. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
2	Abilene, Tex. SMSA	44	Chicago, Ill. SMSA	86	Greenville, S.C. SMSA
3	Akron, Ohio SMSA	45	Cincinnati, Ohio-Ky.-Ind. SMSA	87	Hamilton-Middletown, Ohio SMSA
4	Albany, Ga. SMSA	46	Cleveland, Ohio SMSA	88	Harrisburg, Pa. SMSA
5	Albany-Schenectady-Troy, N.Y. SMSA	47	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
7	Allentown-Bethlehem-Easton, Pa.-N.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8	Altoona, Pa. SMSA	50	Columbus, Ga.-Ala. SMSA	92	Huntington-Ashland, W. Va.-Ky.-Ohio SMSA
9	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	93	Huntsville, Ala. SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
12	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-III. 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
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20	Baltimore, Md. SMSA	62	Duluth-Superior, Minn.-Wis. SMSA	104	La Crosse, Wis. SMSA
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35	Bryan-College Station, Tex. SMSA	77	Fresno, Calif. SMSA	119	Lorain-Elyria, Ohio SMSA
36	Buffalo, N.Y. SMSA	78	Gadsden, Ala. SMSA	120	Los Angeles-Long Beach, Calif. SMSA
37	Canton, Ohio SMSA	79	Gainesville, Fla. SMSA	121	Louisville, Ky.-Ind. SMSA
38	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	122	Lowell, Mass. SMSA
39	Champaign-Urbana, Ill. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA	123	Lubbock, Tex. SMSA
40	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA	124	Lynchburg, Va. SMSA
41	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA	125	Macon, Ga. SMSA
42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	126	Madison, Wis. SMSA

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

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

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

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

¹Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

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

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GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

INTRODUCTION—Continued

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

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

PROCESSING PROCEDURES

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

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

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

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

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Meriden, Conn.
STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 131.]

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	—	—

NOTE: Meriden SMSA and Meriden city are coextensive; therefore, tables are not repeated for the city.

CONTENTS--Continued

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

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

TABLE

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| 15 | Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970 |
| 16 | Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970 |
| 17 | Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970 |
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| 19 | Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970 |
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| 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 |

DESCRIPTION OF SMSA

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

New Haven County (part)
Meriden city

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

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

The SMSA	Total	Less than	\$5,000	\$7,500	\$10,000	\$12,500	\$15,000	\$20,000	\$25,000	\$35,000	\$50,000	Median (dollars)
		\$5,000	to \$7,499	to \$9,999	to \$12,499	to \$14,999	to \$19,999	to \$24,999	to \$34,999	to \$49,999	or more	
Specified owner occupied¹	8 337	7	21	62	245	460	2 490	2 512	1 920	539	81	21 800
ROOMS												
1 and 2 rooms	10	-	-	6	-	-	-	-	-	4	-	...
3 rooms	41	-	-	-	-	10	27	4	-	-	-	...
4 rooms	836	7	6	27	52	101	407	188	38	10	-	17 900
5 rooms	2 583	-	6	67	110	819	1 043	455	78	110	5	21 400
6 rooms	2 691	-	9	12	81	156	811	686	110	142	15	21 700
7 rooms	1 261	-	6	7	26	47	265	324	439	195	5	24 300
8 rooms or more	915	-	-	4	19	36	161	142	302	195	56	28 200
Median	5.8	...	...	...	5.5	5.6	5.5	5.5	6.2	7.0	...	...
PERSONS												
1 person	801	7	9	9	66	91	296	146	124	32	21	18 600
2 persons	2 200	-	12	37	48	130	630	758	445	120	20	21 600
3 persons	1 575	-	-	11	40	57	474	528	363	102	-	21 900
4 persons	1 656	-	-	-	50	108	449	508	399	137	5	22 200
5 persons	1 138	-	-	-	12	38	329	327	82	9	9	22 700
6 persons or more	967	-	-	5	29	36	300	243	262	66	26	22 300
Median	3.2	...	...	...	2.7	2.7	3.2	3.2	3.6	3.6	...	...
Units with roomers, boarders, or lodgers	105	-	-	-	5	7	48	35	10	-	-	19 200
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	8 297	7	10	62	245	460	2 486	2 501	1 911	539	76	21 800
0.50 or less	4 048	7	10	40	155	277	1 156	1 173	905	285	40	21 600
0.51 to 1.00	3 842	-	-	17	66	173	1 161	1 229	927	233	36	22 100
1.01 to 1.50	391	-	-	-	24	10	164	93	79	21	-	19 900
1.51 or more	16	-	-	5	-	-	5	6	-	-	-	...
Lacking some or all plumbing facilities	40	11	-	-	-	-	4	11	9	-	5	...
0.50 or less	32	11	-	-	-	-	-	11	5	-	5	...
0.51 to 1.00	8	-	-	-	-	-	4	-	4	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	...
BEDROOMS												
None and 1	353	-	-	-	20	20	155	77	60	21	-	...
2	2 224	-	-	65	-	139	1 020	552	391	57	-	19 600
3	4 285	-	-	-	25	148	1 098	1 554	1 117	323	20	22 800
4 or more	1 560	-	-	-	41	105	455	448	355	156	-	22 000
YEAR STRUCTURE BUILT												
1969 to March 1970	152	-	-	-	-	-	12	34	61	45	-	29 900
1965 to 1968	730	-	-	-	5	5	63	205	373	69	10	27 300
1960 to 1964	975	-	-	-	10	14	161	294	325	151	20	25 300
1950 to 1959	2 684	-	-	-	17	101	766	966	677	140	17	22 400
1940 to 1949	1 108	-	-	16	34	79	400	359	172	33	15	20 300
1939 or earlier	2 688	7	21	46	179	261	1 088	654	312	101	19	18 900
COMPLETE BATHROOMS												
1 and 1 1/2	6 970	8	12	61	280	441	2 236	2 267	1 410	241	14	21 000
2 and 2 1/2	1 182	-	-	-	7	31	165	185	467	273	54	29 300
3 or more	76	-	-	-	-	-	-	-	24	29	23	...
None or also used by another household	84	-	14	-	13	6	26	7	12	-	6	...
HOUSEHOLD COMPOSITION												
Two-or-more-person households	7 536	-	12	53	179	369	2 194	2 366	1 796	507	60	22 000
Male head, wife present, no nonrelatives	6 597	-	6	40	161	312	1 865	2 037	1 656	469	51	22 200
Under 25 years	81	-	-	-	-	-	5	13	10	5	-	...
25 to 34 years	861	-	-	-	-	20	239	342	220	40	-	22 500
35 to 44 years	1 654	-	-	5	24	73	486	406	495	129	36	22 900
45 to 64 years	3 279	-	-	17	94	156	914	1 046	792	250	10	22 200
65 years and over	770	-	6	18	43	63	221	230	139	45	5	20 700
Other male head	266	-	6	6	4	7	93	101	42	7	-	20 800
Under 65 years	184	-	-	-	4	-	63	78	32	7	-	21 600
65 years and over	82	-	6	6	-	7	30	23	10	-	-	...
Female head	673	-	7	14	50	236	228	98	31	9	9	20 600
Under 65 years	535	-	-	5	35	174	203	88	26	4	4	21 300
65 years and over	138	-	7	9	15	62	25	10	5	5	5	18 100
One-person households	801	7	9	66	91	296	144	124	32	21	18 400	
Under 65 years	418	7	5	-	21	33	180	80	75	10	6	19 200
65 years and over	383	-	4	9	45	58	116	66	48	22	15	17 300
INCOME IN 1969												
Less than \$2,000	276	-	4	12	30	20	104	67	24	-	15	18 400
\$2,000 to \$2,999	263	-	-	-	25	38	92	52	39	17	-	19 000
\$3,000 to \$3,999	214	-	12	4	27	16	91	41	23	-	-	17 100
\$4,000 to \$4,999	230	-	-	6	17	20	83	80	19	5	-	19 500
\$5,000 to \$5,999	271	7	5	12	-	35	89	70	48	5	-	19 600
\$6,000 to \$6,999	276	-	-	6	21	18	135	50	32	14	-	18 800
\$7,000 to \$9,999	1 194	-	-	-	18	114	450	352	212	48	-	20 200
\$10,000 to \$14,999	3 089	-	-	22	65	116	927	1 081	712	151	15	21 900
\$15,000 to \$24,999	2 138	-	-	-	42	74	489	632	685	201	15	23 700
\$25,000 or more	386	-	-	-	-	9	30	87	98	36	36	30 300
Median	\$12 300	...	...	...	\$7 400	\$9 200	\$11 100	\$12 500	\$14 000	\$16 500	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	506	-	-	-	-	6	94	158	182	66	-	24 800
1968	453	-	-	7	-	29	125	146	125	21	-	22 200
1967	370	-	-	-	-	13	105	121	107	24	-	22 800
1965 and 1966	954	-	-	10	8	37	236	245	311	80	27	23 800
1960 to 1964	1 754	-	-	-	70	111	536	451	428	139	19	21 800
1950 to 1959	2 627	8	12	30	89	156	736	836	599	147	14	21 700
1949 or earlier	1 648	-	14	14	133	126	595	502	161	66	37	19 500
HEATING EQUIPMENT												
Steam or hot water	5 247	-	-	18	94	148	1 327	1 736	1 460	409	55	23 800
Warm-air furnace	2 645	-	6	29	134	277	1 033	720	333	92	21	19 400
Built-in electric units	204	-	-	-	-	-	30	29	122	23	-	28 500
Floor, wall, or pipeless furnace	61	-	-	-	-	10	29	12	-	10	-	15 600
Other means	175	7	15	15	17	25	66	15	5	5	5	...
None	5	-	-	-	-	-	5	-	-	-	-	...
AIR CONDITIONING												
Room unit(s)	2 459	-	-	-	54	101	540	926	665	153	20	22 900
Central system	79	-	-	-	-	-	15	6	11	34	13	...
None	5 774	8	26	61	246	377	1 872	1 527	1 237	356	64	21 000

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

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

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

The SMSA

	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	7 226	189	209	300	435	1 351	1 692	2 005	680	138	6	221	112
ROOMS													
1 room	343	82	42	31	43	75	23	28	6	4	—	13	72
2 rooms	341	22	19	23	30	110	68	22	32	—	—	5	91
3 rooms	1 342	58	43	73	137	352	279	274	111	11	6	4	100
4 rooms	2 568	27	65	102	117	460	699	839	205	27	—	—	27
5 rooms	2 072	—	34	56	91	330	539	661	224	44	—	—	33
6 rooms	421	—	6	5	6	17	70	162	76	46	—	—	93
7 rooms	75	—	—	—	11	7	5	9	15	—	—	—	137
8 rooms or more	64	—	—	—	—	—	—	—	—	—	—	—	28
Median	4.1	2.1	3.5	3.7	3.6	3.8	4.2	4.3	4.4	5.1	—	—	18
5.2	—	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS													
1 person	2 007	137	123	162	204	520	347	331	94	10	6	73	91
2 persons	1 924	36	63	79	112	403	445	477	187	41	—	81	110
3 persons	1 225	3	4	27	44	216	336	462	99	15	—	19	118
4 persons	976	—	19	5	36	118	276	345	126	22	—	29	122
5 persons	535	7	—	17	12	61	131	224	66	11	—	6	125
6 persons or more	559	6	—	10	27	33	157	166	108	39	—	13	127
Median	2.4	1.2	1.3	1.4	1.6	1.9	2.7	2.9	3.1	3.6	—	2.0	—
Units with roomers, boarders, or lodgers	98	—	6	—	—	28	26	20	13	5	—	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	3 088	63	101	169	217	708	693	708	224	45	6	154	106
0.51 to 1.00	3 173	66	55	74	157	522	729	1 099	348	74	—	49	119
1.01 to 1.50	544	—	—	12	19	63	202	146	80	15	—	7	117
1.51 or more	144	7	—	—	7	12	42	52	24	—	—	—	122
Lacking some or all plumbing facilities													
0.50 or less	277	53	53	45	35	46	26	—	4	4	—	11	66
0.51 to 1.00	92	5	16	18	14	16	17	—	—	—	—	—	—
1.01 to 1.50	168	42	37	27	14	30	9	—	4	—	—	—	—
1.51 or more	17	6	—	—	7	—	—	—	—	4	—	—	—
BEDROOMS													
None	299	86	18	—	22	67	19	23	23	—	—	—	41
1	1 790	47	—	63	211	621	284	363	201	—	—	—	98
2	3 561	38	90	256	122	560	977	1 225	248	21	—	24	114
3 or more	1 436	—	—	47	87	158	268	451	231	92	—	102	127
YEAR STRUCTURE BUILT													
1969 to March 1970	79	—	—	—	—	—	12	27	29	5	—	6	—
1965 to 1968	639	16	—	—	12	41	129	288	126	27	—	—	133
1960 to 1964	627	50	3	10	21	70	149	213	93	6	—	12	121
1950 to 1959	482	11	13	6	24	42	142	149	67	4	6	18	119
1940 to 1949	676	—	15	21	11	115	231	200	67	10	—	6	115
1939 or earlier	4 723	112	178	263	367	1 083	1 029	1 128	298	86	—	179	105
ELEVATOR IN STRUCTURE													
4 floors or more	524	66	—	—	—	190	40	52	176	—	—	—	103
With elevator	392	43	—	—	—	129	21	23	176	—	—	—	—
Walk-up	132	23	—	—	—	61	19	29	—	—	—	—	—
1 to 3 floors	6 562	105	108	366	442	1 216	1 508	2 010	527	113	—	167	113
COMPLETE BATHROOMS													
1 and 1/2	6 637	133	143	205	356	1 186	1 724	1 902	650	140	—	198	114
2 or more	89	—	—	10	7	6	14	8	21	—	—	23	—
None or also used by another household	501	62	92	68	58	90	48	52	7	6	9	9	74
INCOME IN 1969													
Less than \$2,000	833	66	44	82	86	215	194	85	22	10	—	29	91
\$2,000 to \$2,999	481	41	15	—	32	107	93	128	43	—	—	22	107
\$3,000 to \$3,999	406	4	19	5	46	111	64	102	38	—	—	17	103
\$4,000 to \$4,999	514	11	16	23	47	117	108	136	29	12	—	15	107
\$5,000 to \$5,999	583	16	11	39	44	132	119	159	42	6	—	15	107
\$6,000 to \$6,999	544	6	10	25	15	125	142	125	52	16	—	28	111
\$7,000 to \$9,999	1 690	30	69	55	94	291	450	466	157	24	—	54	112
\$10,000 to \$14,999	1 599	15	19	54	71	165	415	592	196	47	—	25	122
\$15,000 to \$24,999	506	—	6	12	—	88	103	184	84	23	—	6	127
\$25,000 or more	70	—	—	5	—	—	4	28	17	—	6	10	—
Median	\$7 500	\$2 700	\$6 000	\$6 000	\$5 100	\$6 000	\$7 800	\$8 700	\$9 200	\$10 100	—	\$6 400	—
YEAR MOVED INTO UNIT													
1969 to March 1970	2 099	45	44	36	62	275	504	707	313	80	9	24	123
1968	970	21	—	7	35	197	306	284	86	21	—	13	114
1967	940	12	32	38	70	148	232	283	102	—	—	23	114
1965 and 1966	1 063	41	40	24	77	212	246	317	81	8	—	17	110
1960 to 1964	984	40	33	91	92	234	251	205	29	—	—	9	100
1950 to 1959	712	13	30	48	68	114	184	124	40	20	—	71	105
1949 or earlier	459	23	56	39	17	102	63	42	27	17	—	73	90
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	800	56	94	96	71	162	152	144	25	—	—	—	93
10 to 14 percent	1 659	26	28	67	104	326	492	497	108	11	—	—	111
15 to 19 percent	1 408	10	15	50	67	244	366	460	160	30	6	—	117
20 to 24 percent	740	26	18	5	39	152	166	236	93	5	—	—	116
25 to 34 percent	833	20	10	—	48	131	164	280	137	43	—	—	125
35 percent or more	1 449	44	77	88	88	317	316	364	150	49	—	—	110
Not computed	337	7	—	5	18	19	36	24	7	—	—	221	105
AIR CONDITIONING													
Room unit(s)	1 419	—	27	55	33	223	323	446	243	36	—	33	122
Central system	79	—	—	5	5	6	—	13	29	26	—	—	—
None	5 729	195	208	228	383	1 053	1 463	1 503	406	84	9	197	110

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

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

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

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	10 581	454	399	365	321	392	430	1 643	3 628	2 512	437	11 800
ROOMS												
1 and 2 rooms	21	—	—	—	6	6	—	—	—	9	—	...
3 rooms	127	24	20	6	6	9	10	33	11	4	4	5 800
4 rooms	1 508	125	89	136	56	89	111	310	363	213	16	8 400
5 rooms	3 581	172	130	82	129	164	107	596	1 387	759	55	11 500
6 rooms	2 999	83	108	85	76	73	119	436	1 136	736	147	12 300
7 rooms or more	2 345	50	52	56	48	51	83	268	731	791	215	13 900
PERSONS												
1 person	1 275	310	222	120	96	99	78	215	80	33	22	3 900
2 persons	3 026	101	138	191	162	182	204	534	918	496	100	10 000
3 and 4 persons	3 861	25	23	33	32	91	119	614	1 522	1 221	181	13 300
5 persons	1 289	18	10	11	26	5	14	139	646	385	35	13 300
6 persons or more	1 130	—	6	10	5	15	15	141	462	377	99	14 000
Units with roomers, boarders, or lodgers	144	6	4	9	5	—	27	44	22	27	—	8 400
BEDROOMS												
Less than 3	4 149	437	187	202	213	228	164	832	1 063	737	86	9 300
3	4 758	59	140	20	108	110	39	656	2 118	1 271	237	12 900
4 or more	1 656	—	13	59	25	37	33	183	770	365	171	13 100
YEAR STRUCTURE BUILT												
1969 to March 1970	168	—	5	—	—	19	—	39	57	45	3	11 800
1960 to 1968	1 795	31	22	16	20	8	37	248	752	539	122	13 400
1950 to 1959	2 784	73	43	46	95	95	80	429	1 117	690	116	12 400
1949 or earlier	5 834	350	329	303	206	270	313	927	1 702	1 238	196	10 600
YEAR MOVED INTO UNIT												
1969 to March 1970	674	17	—	14	—	24	15	164	272	143	25	11 900
1968	539	19	4	6	21	30	19	133	216	84	7	10 900
1960 to 1967	3 618	68	69	73	44	107	142	591	1 469	881	174	12 400
1959 or earlier	5 750	348	358	292	256	253	320	747	1 549	1 409	218	11 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	8 824	374	187	117	241	286	158	1 405	3 562	2 000	494	12 300
Clothes dryer	5 944	101	38	19	118	146	40	989	2 507	1 559	427	13 000
Dishwasher	2 459	20	39	—	—	32	21	333	978	692	344	14 000
Home food freezer	2 406	80	—	101	—	54	59	323	835	742	212	13 500
Owned second home	871	—	20	40	55	24	21	136	207	242	126	13 400
With air conditioning	3 066	46	53	79	68	73	150	413	1 150	847	187	12 800
Room unit(s)	2 967	46	53	79	68	73	143	407	1 131	808	159	12 700
Central system	99	—	—	—	—	—	7	6	19	39	28	...
Automobiles available:												
1	4 540	207	220	194	239	250	349	942	1 461	624	54	9 600
2	4 199	22	25	40	13	74	94	545	1 762	1 366	258	13 700
3 or more	843	—	—	8	—	—	7	33	190	509	96	18 600
Renter occupied housing units	7 251	833	481	406	519	583	544	1 695	1 614	506	70	7 500
ROOMS												
1 room	343	119	40	16	24	16	30	63	29	6	—	3 800
2 rooms	341	81	52	41	34	29	25	52	15	—	12	3 900
3 rooms	1 351	227	138	114	143	175	69	239	177	63	6	5 300
4 rooms	2 579	260	176	128	204	177	219	625	586	187	17	7 600
5 rooms	2 077	114	63	101	103	144	173	550	619	195	15	8 900
6 rooms or more	560	32	12	6	11	42	28	166	188	55	20	9 700
PERSONS												
1 person	2 007	574	273	184	223	215	119	294	94	10	21	3 900
2 persons	1 935	77	113	118	182	200	149	378	526	185	7	8 000
3 and 4 persons	2 210	108	84	94	62	91	209	683	632	226	21	9 000
5 persons	540	59	11	10	17	19	24	173	168	49	10	9 300
6 persons or more	559	15	—	—	35	58	43	167	194	36	11	9 300
Units with roomers, boarders, or lodgers	98	12	—	6	5	15	12	21	5	16	6	...
BEDROOMS												
None	299	107	60	23	—	—	45	41	23	—	—	...
1	1 790	224	133	129	65	268	148	431	219	173	—	6 500
2	3 561	262	269	135	345	217	264	797	957	313	—	8 100
3 or more	1 458	96	—	49	36	114	82	434	463	184	—	9 400
YEAR STRUCTURE BUILT												
1969 to March 1970	79	6	16	—	6	11	—	15	25	—	—	...
1960 to 1968	1 277	163	88	73	90	69	79	321	270	91	33	7 700
1950 to 1959	487	38	27	24	33	52	38	90	150	24	11	8 100
1949 or earlier	5 408	626	350	309	390	451	427	1 269	1 169	391	26	7 400
YEAR MOVED INTO UNIT												
1969 to March 1970	2 113	215	142	157	190	198	237	494	377	84	19	6 700
1968	970	94	55	59	49	82	85	232	224	63	25	7 800
1960 to 1967	2 997	347	213	149	227	221	145	729	692	222	52	7 800
1959 or earlier	1 171	176	73	47	66	71	91	255	290	88	14	7 700
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	7 226	833	481	406	514	583	544	1 690	1 599	506	70	7 400
Less than 15 percent	2 459	—	—	4	18	39	56	600	1 205	483	54	12 100
15 to 19 percent	1 408	—	10	6	56	128	163	697	325	17	6	8 500
20 to 24 percent	1 740	—	31	28	106	142	175	238	20	—	—	6 400
25 to 34 percent	833	15	27	138	199	241	93	96	24	—	—	5 200
35 percent or more	1 449	673	391	213	120	18	29	5	—	—	—	2 100
Not computed	337	145	22	17	15	15	28	54	25	6	10	3 100
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	3 806	252	179	208	192	245	323	1 022	973	412	—	8 500
Clothes dryer	1 245	39	69	58	61	22	129	393	319	155	—	8 900
Dishwasher	381	—	35	—	—	37	66	106	94	43	—	...
Home food freezer	505	18	49	44	13	17	40	178	124	22	—	8 200
Owned second home	378	—	—	23	44	44	25	85	62	95	—	...
With air conditioning	1 508	105	80	65	115	116	90	358	386	166	27	8 500
Room unit(s)	1 429	99	80	59	109	116	77	340	364	158	27	8 500
Central system	79	6	—	6	—	—	13	18	22	8	—	...
Automobiles available:												
1	4 031	202	176	248	321	398	360	1 158	919	213	36	7 800
2	1 335	43	40	—	15	38	70	345	562	172	50	11 000
3 or more	91	6	—	—	—	—	—	8	20	50	7	...

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

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

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

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	10 581	10 489	5 360	4 601	501	27	92	70	22	-	-
PERSONS											
1 person	1 275	1 227	1 227	-	-	-	48	48	-	-	-
2 persons	3 026	3 004	2 981	23	-	-	22	22	-	-	-
3 persons	1 915	1 905	944	961	-	-	10	-	10	-	-
4 persons	1 946	1 938	163	1 775	-	-	8	-	8	-	-
5 persons	1 289	1 289	45	1 185	59	-	-	-	-	-	-
6 persons or more	1 130	1 126	-	657	442	27	4	-	4	-	-
Median	3.0	3.0	2.0	4.2	6.8	...	...	...	...	...	...
Units with roomers, boarders, or lodgers	144	139	62	66	11	-	5	-	5	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	184	184	77	95	12	-	-	-	-	-	-
1965 to 1968	717	713	271	400	42	-	4	-	4	-	-
1960 to 1964	1 041	1 034	313	671	50	-	7	-	7	-	-
1950 to 1959	2 726	2 702	1 244	1 296	148	14	24	18	6	-	-
1940 to 1949	1 260	1 250	610	544	89	7	10	5	5	-	-
1939 or earlier	4 653	4 618	2 900	1 532	169	17	35	27	8	-	-
INCOME IN 1969											
Less than \$2,000	454	440	412	24	4	-	14	14	-	-	-
\$2,000 to \$2,999	399	399	373	20	-	6	-	-	-	-	-
\$3,000 to \$3,999	365	356	324	27	5	-	9	9	-	-	-
\$4,000 to \$4,999	321	317	264	48	5	-	4	4	-	-	-
\$5,000 to \$5,999	392	378	294	79	5	-	14	14	-	-	-
\$6,000 to \$6,999	430	425	298	118	9	-	5	-	5	-	-
\$7,000 to \$9,999	1 643	1 637	864	717	56	-	6	6	-	-	-
\$10,000 to \$14,999	3 628	3 603	1 362	2 008	212	21	25	16	9	-	-
\$15,000 to \$24,999	2 512	2 497	955	1 373	169	-	15	7	8	-	-
\$25,000 or more	437	437	214	187	36	-	-	-	-	-	-
Median	\$11 800	\$11 800	\$9 500	\$13 200	\$13 900	...	...	...	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	8 337	8 297	4 048	3 842	391	16	40	32	8	-	-
Less than 1.5	2 357	2 348	914	1 252	177	5	9	5	4	-	-
1.5 to 1.9	1 992	1 992	727	1 139	115	11	-	-	-	-	-
2.0 to 2.4	1 402	1 385	614	737	34	-	17	17	-	-	-
2.5 to 2.9	807	798	389	389	20	-	9	5	4	-	-
3.0 to 3.9	641	641	434	183	24	-	-	-	-	-	-
4.0 or more	1 056	1 056	902	137	17	-	-	-	-	-	-
Not computed	82	77	68	5	4	-	5	5	-	-	-
HEATING EQUIPMENT											
Steam or hot water	6 310	6 278	3 129	2 867	272	10	32	23	9	-	-
Warm-air furnace	3 491	3 459	1 803	1 456	194	6	32	32	-	-	-
Built-in electric units	213	213	96	112	5	-	-	-	-	-	-
Floor, wall, or pipeless furnace	93	93	34	53	6	-	-	-	-	-	-
Other means	464	456	288	113	24	11	28	15	13	-	-
None	10	10	10	-	-	-	-	-	-	-	-
Renter occupied housing units	7 251	6 974	3 099	3 187	544	144	277	92	168	17	-
PERSONS											
1 person	2 007	1 776	1 577	199	-	-	231	92	139	-	-
2 persons	1 935	1 914	1 429	480	-	5	21	-	21	-	-
3 persons	1 234	1 226	76	1 128	22	-	8	-	4	4	-
4 persons	976	972	12	932	28	-	4	-	4	-	-
5 persons	540	540	5	336	181	18	-	-	-	-	-
6 persons or more	559	546	-	112	313	121	13	-	-	13	-
Median	2.3	2.4	1.5	3.3	5.7	7.5+	1.1	...	1.1	...	...
Units with roomers, boarders, or lodgers	98	98	26	36	31	5	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	65	58	15	38	5	-	7	-	7	-	-
1965 to 1968	703	698	292	357	40	9	5	-	5	-	-
1960 to 1964	631	625	324	229	60	12	6	-	6	-	-
1950 to 1959	492	486	149	224	78	35	6	-	-	6	-
1940 to 1949	642	628	181	333	92	22	14	-	14	-	-
1939 or earlier	4 718	4 456	2 139	1 924	327	66	262	92	164	6	-
INCOME IN 1969											
Less than \$2,000	833	777	470	253	37	17	56	33	23	-	-
\$2,000 to \$2,999	481	427	300	112	10	5	54	16	38	-	-
\$3,000 to \$3,999	406	386	231	149	6	-	20	15	5	-	-
\$4,000 to \$4,999	519	498	319	143	29	7	21	9	12	-	-
\$5,000 to \$5,999	583	555	315	197	37	6	28	5	16	-	-
\$6,000 to \$6,999	544	524	215	254	55	-	20	5	15	-	-
\$7,000 to \$9,999	1 695	1 634	543	884	154	53	61	9	42	10	-
\$10,000 to \$14,999	1 614	1 603	519	859	169	56	11	-	11	-	-
\$15,000 to \$24,999	506	500	153	317	30	-	6	-	6	-	-
\$25,000 or more	70	70	34	19	17	-	-	-	-	-	-
Median	\$7 500	\$7 600	\$5 700	\$8 600	\$8 900	\$9 100	\$4 400	...	\$5 400	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	7 226	6 949	3 088	3 173	544	144	277	92	168	17	-
Less than 10 percent	800	735	269	394	65	7	65	14	45	6	-
10 to 14 percent	1 659	1 629	544	879	162	44	30	5	25	-	-
15 to 19 percent	1 408	1 366	482	718	121	45	42	4	31	7	-
20 to 24 percent	740	725	332	339	48	6	15	-	15	-	-
25 to 34 percent	833	800	447	276	57	20	33	19	10	4	-
35 percent or more	1 449	1 368	806	470	77	15	81	44	37	-	-
Not computed	337	326	208	97	14	7	11	6	5	-	-
HEATING EQUIPMENT											
Steam or hot water	3 456	3 299	1 535	1 445	246	73	157	40	110	7	-
Warm-air furnace	1 560	1 504	612	700	146	46	56	14	38	4	-
Built-in electric units	372	368	163	194	11	-	4	-	4	-	-
Floor, wall, or pipeless furnace	158	154	65	59	24	6	4	-	4	-	-
Other means	1 680	1 624	706	782	117	19	56	38	12	6	-
None	25	25	18	7	-	-	-	-	-	-	-

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

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

Table A-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		10 581	--	21	127	1 508	3 581	2 999	1 370	975	5.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		10 423	--	17	83	1 417	3 619	2 963	1 309	1 015	5.5
PERSONS											
1 person		1 275	--	10	84	350	386	331	69	45	5.0
2 persons		3 026	--	11	12	656	1 153	746	281	167	5.2
3 persons		1 915	--	--	25	231	715	587	198	159	5.5
4 persons		1 946	--	--	--	198	668	622	295	163	5.7
5 persons		1 289	--	--	--	59	436	377	221	196	5.9
6 persons or more		1 130	--	--	6	14	223	336	306	245	6.5
Median		3.0	--	...	1.3	2.1	2.9	3.2	4.0	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		10 489	--	21	107	1 483	3 568	2 979	1 360	971	5.5
0.50 or less		5 360	--	10	74	981	1 530	1 648	538	579	5.6
0.51 to 1.00		4 601	--	11	27	429	1 815	1 194	754	371	5.5
1.01 to 1.50		501	--	--	--	68	213	137	62	21	5.4
1.51 or more		27	--	--	6	5	10	--	6	--	...
Lacking some or all plumbing facilities		92	--	--	20	25	13	20	10	4	...
0.50 or less		70	--	--	10	25	9	16	10	--	...
0.51 to 1.00		22	--	--	10	4	4	--	--	4	...
1.01 to 1.50		--	--	--	--	--	--	--	--	--	...
1.51 or more		--	--	--	--	--	--	--	--	--	...
BEDROOMS											
None and 1		765	--	21	169	317	218	40	--	--	4.1
2		3 384	--	--	40	1 325	1 336	594	45	44	4.7
3		4 758	--	--	--	19	1 806	1 694	1 005	234	5.8
4 or more		1 656	--	--	--	--	--	614	446	596	7.0
YEAR STRUCTURE BUILT											
1969 to March 1970		168	--	--	--	16	52	50	45	5	5.8
1960 to 1968		1 795	--	--	8	143	658	451	295	240	5.7
1950 to 1959		2 784	--	4	24	339	1 260	765	244	148	5.3
1949 or earlier		5 834	--	17	95	1 010	1 611	1 733	786	582	5.6
COMPLETE BATHROOMS											
1 and 1 1/2		8 866	--	24	71	1 297	3 376	2 576	1 015	507	5.4
2 or more		1 572	--	--	12	120	251	387	294	508	6.6
None or also used by another household		143	--	--	16	33	33	47	6	8	5.2
VALUE-INCOME RATIO											
Specified owner occupied ¹		8 337	--	10	41	836	2 583	2 691	1 261	915	5.8
Less than 1.5		2 357	--	--	4	243	686	815	342	267	5.8
1.5 to 1.9		1 992	--	6	6	160	653	634	311	222	5.8
2.0 to 2.9		2 209	--	4	12	157	752	658	369	257	5.8
3.0 or more		1 697	--	--	19	250	461	574	234	159	5.7
Not computed		82	--	--	--	26	31	10	5	10	...
Renter occupied housing units											
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		7 251	343	341	1 351	2 579	2 077	421	75	64	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		6 654	140	281	1 210	2 450	1 978	439	87	69	4.2
PERSONS											
1 person		2 007	338	265	725	452	193	20	14	--	3.1
2 persons		1 935	5	43	458	810	516	81	6	16	4.1
3 persons		1 234	--	26	129	627	376	72	4	--	4.2
4 persons		976	--	--	28	403	455	66	12	12	4.6
5 persons		540	--	7	11	181	257	53	17	14	4.8
6 persons or more		559	--	--	--	106	280	129	22	22	5.1
Median		2.3	1.0	1.1	1.4	2.5	3.4	4.1	...	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		6 974	204	266	1 334	2 554	2 061	416	75	64	4.2
0.50 or less		3 099	--	209	714	1 247	704	168	24	33	4.0
0.51 to 1.00		3 187	199	28	581	1 026	1 084	187	51	31	4.3
1.01 to 1.50		544	--	22	28	241	211	42	--	--	4.4
1.51 or more		144	5	7	11	40	62	19	--	--	4.6
Lacking some or all plumbing facilities		277	139	75	17	25	16	5	--	--	3.5
0.50 or less		92	--	56	11	15	5	5	--	--	...
0.51 to 1.00		168	139	15	6	4	4	--	--	--	1.1
1.01 to 1.50		17	--	4	--	6	7	--	--	--	...
1.51 or more		--	--	--	--	--	--	--	--	--	...
BEDROOMS											
None		299	277	22	--	--	--	--	--	--	...
1		1 790	--	203	1 188	281	118	--	--	--	3.1
2		3 561	--	--	133	2 356	1 072	--	--	--	4.2
3 or more		1 458	--	--	--	45	963	366	40	44	5.2
YEAR STRUCTURE BUILT											
1969 to March 1970		79	--	15	37	10	5	6	--	--	...
1960 to 1968		1 277	67	70	281	664	149	34	7	5	3.8
1950 to 1959		487	24	19	68	195	152	29	--	--	4.2
1949 or earlier		5 408	246	237	965	1 710	1 771	352	68	59	4.2
COMPLETE BATHROOMS											
1 and 1 1/2		6 661	186	281	1 223	2 427	1 978	432	71	63	4.2
2 or more		89	--	--	--	30	30	7	16	6	...
None or also used by another household		501	153	104	84	133	27	--	--	--	2.4
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²		7 226	343	341	1 342	2 568	2 072	421	75	64	4.1
Less than 10 percent		800	56	19	105	338	240	33	--	9	4.2
10 to 14 percent		1 659	36	44	231	581	647	84	16	20	4.4
15 to 19 percent		1 408	61	62	229	489	456	101	19	11	4.2
20 to 24 percent		740	22	16	190	246	198	63	5	--	4.1
25 to 34 percent		833	20	39	169	362	180	63	--	6	4.0
35 percent or more		1 449	125	145	383	479	266	38	7	6	3.6
Not computed		337	23	16	35	73	105	39	28	18	4.7

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

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

Table A-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	10 581	8 450	2 030	101	7 251	531	2 082	2 355	926	491	866	-
ROOMS												
1 room	-	-	-	-	343	-	11	-	57	100	175	-
2 rooms	21	10	11	-	341	7	49	55	76	64	90	-
3 rooms	127	41	63	23	1 351	56	201	374	284	107	329	-
4 rooms	1 508	847	629	32	2 579	130	854	891	351	137	216	-
5 rooms	3 581	2 597	943	41	2 077	146	785	909	127	71	39	-
6 rooms	2 999	2 725	269	5	421	100	160	106	26	12	17	-
7 rooms	1 370	1 283	87	-	75	43	17	15	-	-	-	-
8 rooms or more	975	947	28	-	64	49	5	5	5	-	-	-
Median	5.5	5.8	4.8	4.4	4.1	5.0	4.4	4.3	3.6	3.3	3.0	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 489	8 407	2 005	77	6 974	531	2 026	2 340	848	397	832	-
0.50 or less	5 360	4 103	1 206	51	3 099	229	852	1 025	431	195	367	-
0.51 to 1.00	4 601	3 897	678	26	3 187	267	945	1 052	339	168	416	-
1.01 to 1.50	501	391	110	-	544	30	184	218	43	27	42	-
1.51 or more	27	16	11	-	144	5	45	45	35	7	7	-
Lacking some or all plumbing facilities	92	43	25	24	277	-	56	15	78	94	34	-
0.50 or less	70	35	16	19	92	-	31	9	29	23	-	-
0.51 to 1.00	22	8	9	5	168	-	19	6	42	71	30	-
1.01 to 1.50	-	-	-	-	17	-	6	-	7	-	4	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
BEDROOMS												
None	-	-	-	-	299	-	-	-	81	64	154	-
1	765	353	350	62	1 790	42	298	570	417	119	344	-
2	3 384	2 242	1 084	58	3 561	174	1 334	1 348	313	144	248	-
3	4 758	4 307	432	19	1 294	253	427	423	101	63	27	-
4 or more	1 656	1 593	63	-	164	102	22	22	-	-	18	-
YEAR STRUCTURE BUILT												
1969 to March 1970	168	152	-	16	79	6	12	4	-	13	44	-
1965 to 1968	777	742	15	20	650	32	11	73	117	96	321	-
1960 to 1964	1 018	992	6	20	627	45	9	113	101	87	272	-
1950 to 1959	2 784	2 707	32	45	487	84	142	171	28	19	43	-
1940 to 1949	1 207	1 130	77	-	685	109	224	271	39	22	20	-
1939 or earlier	4 627	2 727	1 900	-	4 723	255	1 684	1 723	641	254	166	-
INCOME IN 1969												
Less than \$2,000	454	282	168	4	833	42	186	206	136	78	185	-
\$2,000 to \$2,999	399	263	132	4	481	18	123	119	80	68	73	-
\$3,000 to \$3,999	365	217	148	-	406	26	102	159	48	23	48	-
\$4,000 to \$4,999	321	236	81	4	519	31	118	182	74	51	63	-
\$5,000 to \$5,999	392	276	105	11	583	23	145	226	131	29	29	-
\$6,000 to \$6,999	430	286	139	5	544	21	153	205	79	39	47	-
\$7,000 to \$9,999	1 643	1 219	379	45	1 695	129	547	551	169	97	202	-
\$10,000 to \$14,999	3 628	3 108	492	28	1 614	169	552	498	160	84	151	-
\$15,000 to \$24,999	2 512	2 156	356	-	506	49	150	203	44	17	43	-
\$25,000 or more	437	407	30	-	70	23	6	6	5	5	25	-
Median	\$11 800	\$12 300	\$8 900	\$8 500	\$7 500	\$9 400	\$8 200	\$7 400	\$6 000	\$5 900	\$6 700	-
YEAR MOVED INTO UNIT												
1969 to March 1970	674	506	142	26	2 113	102	557	594	312	197	351	-
1968	539	453	59	27	970	43	260	323	92	84	168	-
1967	460	370	90	-	940	27	218	338	134	89	134	-
1965 and 1966	1 066	967	99	-	1 073	89	276	336	182	53	137	-
1960 to 1964	2 092	1 776	297	19	984	69	313	362	146	41	53	-
1950 to 1959	2 817	2 468	337	12	588	110	197	215	6	42	18	-
1949 or earlier	2 933	1 900	1 033	-	583	79	242	184	64	14	-	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	7 226	506	2 082	2 355	926	491	866	-
Less than \$50	...	...	...	...	189	6	30	12	31	24	86	-
\$50 to \$59	...	...	...	...	209	7	46	56	44	33	3	-
\$60 to \$69	...	...	...	...	300	16	115	103	28	25	13	-
\$70 to \$79	...	...	...	...	435	-	151	132	82	31	38	-
\$80 to \$99	...	...	...	...	1 351	56	375	510	185	80	145	-
\$100 to \$119	...	...	...	...	1 692	59	528	675	217	98	115	-
\$120 to \$149	...	...	...	...	2 005	102	579	678	238	172	236	-
\$150 to \$199	...	...	...	...	680	106	132	155	90	23	174	-
\$200 to \$299	...	...	...	...	138	58	23	10	5	-	42	-
\$300 or more	...	...	...	...	6	-	-	-	-	-	6	-
No cash rent	...	...	...	...	221	96	83	24	5	5	8	-
Median	...	...	...	...	\$112	\$138	\$110	\$110	\$108	\$110	\$124	-
HEATING EQUIPMENT												
Steam or hot water	6 310	5 320	990	-	3 456	298	911	953	516	367	411	-
Warm-air furnace	3 491	2 685	725	81	1 560	140	515	497	182	57	169	-
Built-in electric units	213	204	9	-	372	20	-	41	32	31	248	-
Floor, wall, or pipeless furnace	93	61	32	-	158	11	55	37	6	17	32	-
Other means	464	175	269	20	1 680	62	593	810	190	19	6	-
None	10	5	5	-	25	-	8	17	-	-	-	-
AIR CONDITIONING												
Room unit(s)	2 967	2 487	447	33	1 429	104	380	445	177	56	267	-
Central system	99	93	6	-	79	-	-	-	-	-	79	-
None	7 515	5 860	1 604	51	5 743	415	1 683	1 907	759	464	515	-
AUTOMOBILES AVAILABLE												
1	4 540	3 426	1 045	69	4 031	321	1 174	1 399	506	237	394	-
2	4 199	3 765	419	15	1 335	114	425	466	124	62	144	-
3 or more	843	724	119	-	91	32	12	19	13	15	-	-
None	999	525	474	-	1 794	52	452	468	293	206	323	-

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

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

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

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	10 581	91	1 109	1 884	3 892	1 100	269	108	616	237	612	643
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 489	91	1 109	1 876	3 872	1 094	264	103	616	237	585	642
0.50 or less	5 360	42	189	228	1 809	983	175	78	412	217	585	642
0.51 to 1.00	4 601	44	862	1 370	1 896	106	80	25	198	20	-	-
1.01 to 1.50	501	5	58	263	161	5	9	-	-	-	-	-
1.51 or more	27	-	-	15	6	-	-	-	6	-	-	-
Lacking some or all plumbing facilities	92	-	-	8	20	6	-	-	-	-	-	-
0.50 or less	70	-	-	-	11	4	-	-	-	-	-	-
0.51 to 1.00	22	-	-	8	9	2	-	-	-	-	-	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	8 450	33	877	1 665	3 341	775	190	82	539	138	418	392
2 or more	2 030	53	214	208	541	315	79	26	73	99	155	267
Mobile home or trailer	101	5	18	11	10	10	-	-	4	-	39	4
INCOME IN 1969												
Less than \$2,000	454	-	-	13	19	21	6	5	66	14	68	242
\$2,000 to \$2,999	399	-	-	6	25	98	4	5	20	19	42	180
\$3,000 to \$3,999	365	-	26	-	15	146	-	6	30	22	30	90
\$4,000 to \$4,999	321	5	10	15	39	98	11	11	27	9	70	26
\$5,000 to \$5,999	392	-	22	22	69	95	6	5	42	32	75	24
\$6,000 to \$6,999	430	13	41	20	93	75	22	5	46	37	68	10
\$7,000 to \$9,999	1 643	42	261	236	456	220	75	19	77	42	170	45
\$10,000 to \$14,999	3 628	26	531	986	1 481	191	90	31	178	34	58	22
\$15,000 to \$24,999	2 512	5	201	502	1 435	120	50	17	125	24	25	8
\$25,000 or more	437	-	17	84	260	36	5	4	5	4	6	16
Median	\$11 800	...	\$11 800	\$13 200	\$14 200	\$7 200	\$10 600	\$9 700	\$10 000	\$6 600	\$6 300	\$2 500
VALUE-INCOME RATIO												
Specified owner occupied ¹	8 337	33	861	1 654	3 279	770	184	82	535	138	418	383
Less than 1.5	2 357	-	138	441	1 396	138	33	27	118	17	33	16
1.5 to 1.9	1 992	-	283	533	836	125	52	11	99	10	43	-
2.0 to 2.4	1 402	9	222	361	522	100	38	15	62	16	42	15
2.5 to 2.9	807	5	114	175	235	70	35	9	62	24	57	21
3.0 to 3.9	641	9	57	77	173	98	17	-	52	35	78	45
4.0 or more	1 056	10	47	63	112	239	9	20	116	36	128	276
Not computed	82	-	-	4	5	-	-	-	26	-	37	10
Renter occupied housing units	7 251	664	1 335	588	1 054	505	183	35	744	134	1 150	857
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	6 974	660	1 335	581	1 039	499	177	35	742	130	1 014	742
0.50 or less	3 099	183	198	46	401	295	68	35	214	82	914	663
0.51 to 1.00	3 187	415	884	377	560	191	89	-	430	42	100	99
1.01 to 1.50	544	55	230	101	61	8	15	-	68	6	-	-
1.51 or more	144	7	23	57	17	5	5	-	30	-	-	-
Lacking some or all plumbing facilities	277	4	-	7	15	6	6	-	4	-	136	95
0.50 or less	92	-	-	-	-	-	-	-	-	-	47	45
0.51 to 1.00	168	4	-	-	9	6	6	-	4	-	89	50
1.01 to 1.50	17	-	-	7	6	-	-	-	4	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	531	23	88	102	121	48	20	-	57	5	31	36
2 to 4	4 437	452	945	371	771	324	103	35	455	84	522	373
5 to 19	1 417	123	190	78	133	77	39	-	155	29	358	235
20 or more	866	66	112	37	29	56	21	-	79	14	239	213
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
GROSS RENT												
Specified renter occupied ²	7 226	664	1 329	579	1 049	500	183	35	744	134	1 150	857
Less than \$50	189	-	-	-	14	18	-	-	15	5	52	85
\$50 to \$59	209	11	16	6	23	8	6	-	10	6	68	55
\$60 to \$69	300	5	12	23	56	16	-	-	20	6	83	79
\$70 to \$79	435	40	49	25	47	42	-	-	28	-	115	89
\$80 to \$99	1 351	70	183	50	181	116	48	12	124	47	311	209
\$100 to \$119	1 692	193	408	135	232	92	55	-	174	56	200	147
\$120 to \$149	2 005	255	477	236	292	141	27	16	230	9	238	93
\$150 to \$199	680	85	150	67	121	6	30	-	118	5	56	38
\$200 to \$299	138	5	22	13	35	18	10	-	20	5	10	6
\$300 or more	6	-	-	-	-	-	-	-	7	-	11	62
No cash rent	221	-	12	24	48	43	7	7	-	-	-	-
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	7 226	664	1 329	579	1 049	500	183	35	744	134	1 150	857
Less than \$5,000	2 234	104	83	25	139	198	37	5	349	40	517	737
Less than 20 percent	94	7	-	-	-	5	-	-	16	5	41	20
20 to 24 percent	165	5	-	-	11	29	6	-	-	6	53	55
25 to 34 percent	379	21	33	-	25	70	-	-	33	-	122	75
35 percent or more	1 397	71	45	25	98	73	25	5	237	29	267	522
Not computed	199	-	5	-	5	21	6	-	63	-	34	65
\$5,000 to \$9,999	2 817	359	644	232	333	198	83	12	276	52	521	107
Less than 20 percent	1 683	224	418	141	211	88	54	-	108	42	329	68
20 to 24 percent	555	59	122	41	72	46	5	5	85	5	105	15
25 to 34 percent	430	65	81	32	38	36	17	-	70	-	76	10
35 percent or more	52	11	11	-	-	6	-	-	13	5	-	6
Not computed	97	-	12	18	12	22	7	7	-	-	11	8
\$10,000 to \$14,999	1 599	179	470	247	348	79	33	11	101	37	85	9
Less than 20 percent	1 530	179	459	231	312	73	33	11	101	37	85	9
20 to 24 percent	20	-	5	10	5	-	-	-	-	-	-	-
25 percent or more	24	-	6	-	12	6	-	-	-	-	-	-
Not computed	25	-	-	6	19	-	-	-	-	-	-	-
\$15,000 or more	576	22	132	75	229	25	30	7	20	5	27	4
Less than 20 percent	560	22	132	75	217	25	30	7	20	5	27	4
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	16	-	-	-	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-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	10 581	1 275	3 026	1 915	1 946	1 289	584	347	199	3.0
BEDROOMS										
None and 1	765	353	351	41	-	20	-	-	-	1.4
2	3 384	703	1 449	703	488	41	-	-	-	2.2
3	4 758	248	1 020	834	1 226	962	386	82	-	3.7
4 or more	1 656	40	188	234	211	288	284	246	165	5.0
YEAR STRUCTURE BUILT										
1969 to March 1970	168	11	36	42	44	15	4	5	11	3.4
1965 to 1968	777	34	115	166	166	182	71	27	16	3.9
1960 to 1964	1 018	55	177	181	290	202	46	47	20	3.8
1950 to 1959	2 784	216	799	541	581	337	171	94	45	3.2
1940 to 1949	1 207	136	367	260	218	108	52	31	35	2.9
1939 or earlier	4 627	823	1 532	725	647	445	240	143	72	2.5
UNITS IN STRUCTURE										
1	8 450	810	2 229	1 604	1 670	1 143	514	307	173	3.2
2 or more	2 030	422	770	294	262	146	70	40	26	2.3
Mobile home or trailer	101	43	27	17	14	-	-	-	-	1.8
COMPLETE BATHROOMS										
1 and 1 1/2	8 866	1 113	2 665	1 655	1 640	993	418	255	127	2.9
2 and 2 1/2	1 430	113	295	232	282	274	82	84	68	3.8
3 or more	142	18	35	15	14	12	20	15	13	3.7
None or also used by another household	143	47	27	29	14	-	26	-	-	2.4
HOUSEHOLD COMPOSITION										
Two-or-more-person households	9 306		3 026	1 915	1 946	1 289	584	347	199	3.3
Male head, wife present, no nonrelatives	8 076	...	2 392	1 567	1 817	1 196	558	347	199	3.5
Under 25 years	91	...	42	30	14	5	-	-	-	...
25 to 34 years	1 109	...	104	200	393	293	70	43	6	4.1
35 to 44 years	1 884	...	104	180	539	399	313	219	130	4.8
45 to 64 years	3 892	...	1 242	1 014	825	493	175	85	58	3.2
65 years and over	1 100	...	900	143	46	6	-	-	5	2.1
Other male head	377	...	181	127	37	17	15	-	-	2.6
Under 65 years	269	...	118	86	37	13	15	-	-	2.7
65 years and over	108	...	63	41	-	4	-	-	-	2.4
Female head	853	...	453	221	92	76	11	-	-	2.4
Under 65 years	616	...	259	193	77	76	11	-	-	2.8
65 years and over	237	...	194	28	15	-	-	-	-	2.1
One-person households	1 275	1 275								1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	8 337	801	2 200	1 575	1 656	1 138	497	302	168	3.2
Less than 1.5	2 357	49	450	569	606	323	193	125	42	3.7
1.5 to 1.9	1 992	43	446	393	444	375	153	70	68	3.8
2.0 to 2.4	1 402	57	386	275	309	228	76	55	16	3.4
2.5 to 2.9	807	78	233	153	163	96	47	10	27	3.1
3.0 to 3.9	641	123	234	101	79	51	23	20	10	2.3
4.0 or more	1 056	404	430	79	55	56	5	22	5	1.8
Not computed	82	47	21	5	-	9	-	-	-	...
Renter occupied housing units	7 251	2 007	1 935	1 234	974	540	288	153	118	2.3
BEDROOMS										
None	299	299	-	-	-	-	-	-	-	1.5
1	1 790	907	716	140	27	-	-	-	-	2.8
2	3 561	534	1 174	993	588	188	22	40	22	2.8
3 or more	1 458	48	113	199	341	298	247	128	84	4.6
YEAR STRUCTURE BUILT										
1969 to March 1970	79	30	36	13	-	-	-	-	-	...
1965 to 1968	650	198	198	130	71	29	7	11	6	2.1
1960 to 1964	627	195	183	83	92	19	18	24	13	2.1
1950 to 1959	487	103	99	77	66	63	37	22	40	3.0
1940 to 1949	685	101	161	142	157	56	37	20	11	3.1
1939 or earlier	4 723	1 380	1 258	789	590	373	209	76	48	2.3
UNITS IN STRUCTURE										
1	531	67	124	107	79	79	40	26	9	3.2
2	2 082	418	540	412	357	156	126	51	22	2.7
3 and 4	2 355	477	675	432	371	215	84	50	51	2.6
5 to 9	926	357	246	137	82	49	25	7	23	1.9
10 to 19	491	236	127	39	36	28	13	12	-	1.6
20 or more	866	452	223	107	51	13	-	7	13	1.5
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-
COMPLETE BATHROOMS										
1 and 1 1/2	6 661	1 675	1 815	1 162	930	522	274	158	125	2.4
2 or more	89	28	15	10	7	20	9	-	-	...
None or also used by another household	501	298	109	41	35	6	12	-	-	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	5 244		1 935	1 234	974	540	288	153	118	3.1
Male head, wife present, no nonrelatives	4 146	...	1 419	925	851	458	271	134	88	3.2
Under 25 years	664	...	260	216	131	33	11	13	-	2.8
25 to 34 years	1 335	...	229	362	388	173	114	41	28	3.7
35 to 44 years	588	...	58	74	117	160	92	53	34	4.8
45 to 64 years	1 054	...	462	206	196	88	54	22	26	2.8
65 years and over	505	...	410	67	19	4	-	-	-	2.1
Other male head	218	...	142	51	5	11	4	5	5	2.3
Under 65 years	183	...	107	51	5	11	-	4	5	2.4
65 years and over	35	...	35	-	-	-	-	-	-	...
Female head	880	...	374	258	120	71	17	15	25	2.8
Under 65 years	746	...	279	239	111	65	17	10	25	2.9
65 years and over	134	...	95	19	9	6	-	5	-	2.2
One-person households	2 007	2 007								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	7 224	2 007	1 924	1 225	974	535	288	153	118	2.3
Less than 10 percent	800	109	308	144	142	46	28	23	-	2.4
10 to 14 percent	1 659	197	467	377	259	197	68	50	44	2.9
15 to 19 percent	1 408	273	357	248	252	127	73	50	28	2.8
20 to 24 percent	740	223	186	136	100	49	35	5	6	2.3
25 to 34 percent	833	288	246	116	79	19	36	25	24	2.0
35 percent or more	1 449	795	258	179	102	64	35	16	16	1.4
Not computed	337	122	102	25	42	33	-	-	-	2.0

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

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

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

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

The SMSA				The SMSA					
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	45	20	22	3	Vacant for rent	305	198	67	40
ROOMS					ROOMS				
1 to 3 rooms	5	5	—	—	1 room	28	22	6	—
4 rooms	5	2	3	—	2 rooms	25	20	5	—
5 rooms	3	—	3	—	3 rooms	106	52	31	23
6 rooms	14	—	11	3	4 rooms	93	76	11	6
7 rooms or more	18	13	5	—	5 rooms	37	27	6	4
					6 rooms	16	1	8	7
					7 rooms or more	—	—	—	—
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	43	20	20	3	With all plumbing facilities	283	176	67	40
Lacking some or all plumbing facilities	2	—	2	—	Lacking some or all plumbing facilities	22	22	—	—
BEDROOMS					BEDROOMS				
None and 1	9	—	9	—	None	—	—	—	—
2	9	9	—	—	1	188	144	27	17
3	9	—	—	—	2	129	87	34	8
4 or more	26	—	26	—	3 or more	18	9	9	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	4	4	—	—	1969 to March 1970	25	2	23	—
1960 to 1968	3	—	3	—	1960 to 1968	47	24	7	16
1950 to 1959	2	—	2	—	1950 to 1959	7	5	—	2
1949 or earlier	36	16	17	3	1949 or earlier	226	167	37	22
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	28	9	19	—	1	18	11	2	5
2 or more	17	11	3	3	2 to 4	152	106	33	13
					5 to 9	50	33	11	6
					10 to 19	24	24	—	—
					20 or more	61	24	21	16
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	35	13	19	3	Specified vacant for rent²	305	198	67	40
Warm-air furnace	10	7	3	—	Less than \$50	29	29	—	—
Built-in electric units	—	—	—	—	\$50 to \$59	28	12	7	9
Floor, wall, or pipeless furnace	—	—	—	—	\$60 to \$79	55	37	15	3
Other means	—	—	—	—	\$80 to \$99	50	25	18	7
None	—	—	—	—	\$100 to \$119	39	35	4	—
					\$120 to \$149	67	60	5	2
SALES PRICE ASKED					\$150 to \$199	20	—	13	7
Specified vacant for sale¹	28	9	19	—	\$200 or more	17	—	5	12
Less than \$5,000	—	—	—	—	Median rent asked	\$96	\$97	...	...
\$5,000 to \$9,999	—	—	—	—					
\$10,000 to \$14,999	9	—	9	—					
\$15,000 to \$19,999	12	2	10	—					
\$20,000 to \$24,999	—	—	—	—					
\$25,000 to \$34,999	7	7	—	—					
\$35,000 to \$49,999	—	—	—	—					
\$50,000 or more	—	—	—	—					
Median price asked .....	...	...	...	...	

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

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

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

The SMSA	Sales price asked—Vacant for sale ¹						Rent asked—Vacant for rent ²							
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	28	—	9	12	—	7	—	305	57	55	50	106	20	17
PLUMBING FACILITIES														
With all plumbing facilities	35	—	8	18	—	9	—	326	24	63	64	140	27	8
Lacking some or all plumbing facilities	9	—	9	—	—	—	—	9	—	—	—	9	—	—
BEDROOMS														
None and 1	9	—	—	9	—	—	—	188	16	46	46	54	18	8
2	9	—	—	—	—	—	—	129	8	17	9	86	9	—
3	9	—	—	—	—	9	—	18	—	—	9	—	—	—
4 or more	26	—	17	9	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	4	—	—	—	—	4	—	25	—	6	6	2	6	5
1960 to 1968	—	—	—	—	—	—	—	47	13	7	—	4	11	12
1950 to 1959	2	—	2	—	—	—	—	7	2	2	—	3	—	—
1949 or earlier	22	—	7	12	—	3	—	226	42	40	44	97	3	—
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	18	3	7	4	4	—	—
2 to 4 .....	...	...	...	...	...	...	...	152	28	38	23	63	—	—
5 to 9 .....	...	...	...	...	...	...	...	74	20	3	17	28	6	—
10 to 19 .....	...	...	...	...	...	...	...	—	—	—	—	—	—	—
20 or more .....	...	...	...	...	...	...	...	61	6	7	6	11	14	17
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	75	15	12	10	32	6	—
Some or no utilities included .....	...	...	...	...	...	...	...	230	42	43	40	74	14	—

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

Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE ..	App-1
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-

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B—Continued

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

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p> <input type="radio"/> One <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer </p> <p style="text-align: center;"><i>Answer these questions for your living quarters</i></p> <p>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? _____ <input type="radio"/> No </p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></p> <p>H2. Do you enter your living quarters—</p> <p> <input type="radio"/> Directly from the outside or through a common or public hall? <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 bathrooms, 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. 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 <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> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: 100px;"> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> </div> <p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month— What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle →</p> <p> <input type="radio"/> Less than \$30 <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;">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>0 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>1 0 0 0</td><td>1 0 0 0</td></tr> <tr><td>2 0 0 0</td><td>2 0 0 0</td></tr> <tr><td>3 0 0 0</td><td>3 0 0 0</td></tr> <tr><td>4 0 0 0</td><td>4 0 0 0</td></tr> <tr><td>5 0 0 0</td><td>5 0 0 0</td></tr> <tr><td>6 0 0 0</td><td>6 0 0 0</td></tr> <tr><td>7 0 0 0</td><td>7 0 0 0</td></tr> <tr><td>8 0 0 0</td><td>8 0 0 0</td></tr> <tr><td>9 0 0 0</td><td>9 0 0 0</td></tr> </tbody> </table> <p>B. Type of unit or quarters</p> <p style="text-align: center;"><u>Occupied</u></p> <p> <input type="radio"/> First form <input type="radio"/> Continuation </p> <p style="text-align: center;"><u>Vacant</u></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 style="font-size: small; text-align: center;">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 <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	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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APPENDIX B—Continued

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

<p>H13. Answer question H13 if you <u>pay rent</u> 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, <u>average monthly cost</u> 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, <u>average monthly cost</u> 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, <u>yearly cost</u> 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, <u>yearly cost</u> 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 (<i>city water department, etc.</i>) or private company? <input type="radio"/> An individual well? <input type="radio"/> Some other source (<i>a spring, creek, river, cistern, etc.</i>)?</p>
<p>H14. How are your living quarters heated? <i>Fill one circle for the kind of heat you use most.</i></p> <p><input type="radio"/> Steam or hot water system <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump <input type="radio"/> Built-in electric units (<i>permanently installed in wall, ceiling, or baseboard</i>) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters <u>with</u> flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters <u>without</u> flue or vent, burning gas, oil, or kerosene (<i>not portable</i>) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—<i>Describe</i> → _____ <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? <i>Mark when the building was first constructed, not when it was remodeled, added to, or converted.</i></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? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <p><input type="radio"/> No bathroom, or only a half bathroom <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? <i>Include all apartments, flats, etc., even if vacant.</i></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</p> <p>Other— <i>Describe</i> _____</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?— <i>Skip to H19</i> <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? <i>Count company cars kept at home.</i></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>	

15 and 5 percent

15 percent

APPENDIX B—Continued

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

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used <i>Average monthly cost</i></p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used <i>Average monthly cost</i></p> <p>c. Water? <input checked="" type="checkbox"/> <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <input type="radio"/> No, included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used <i>Yearly cost</i></p>	<p>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 <u>one</u> circle for the kind of heat you use most.</p> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump <input checked="" type="radio"/> Built in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind In some other way—Describe → _____ <input type="radio"/> None, unit has no heating equipment	<p>H25a. Which fuel is used most for cooking? <input checked="" type="checkbox"/> Gas { From underground pipes serving the neighborhood. <input type="checkbox"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for house heating? <input checked="" type="checkbox"/> Gas { From underground pipes serving the neighborhood. <input type="checkbox"/> 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> <input type="radio"/> 1969 or 1970 <input checked="" type="radio"/> 1965 to 1968 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier	<p>c. Which fuel is used most for water heating? <input checked="" type="checkbox"/> Gas { From underground pipes serving the neighborhood. <input type="checkbox"/> 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> <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>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</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>H17. Is this building—</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>H27a. Do you have a clothes washing machine? <input type="radio"/> Yes, automatic or semi-automatic <input type="radio"/> Yes, wringer or separate spinner <input type="radio"/> No</p> <p>b. Do you have a clothes dryer? <input type="radio"/> Yes, electrically heated <input type="radio"/> Yes, gas heated <input checked="" type="radio"/> No</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <input type="radio"/> Less than \$50 (or None) <input 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>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 type="radio"/> No <input checked="" type="checkbox"/></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 microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

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

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

SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

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

Male Head Without Own Children Under 18

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

Female Head

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

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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 paperback 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 paperback 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.



OFFICIAL BUSINESS

Table

1, 11, 19 VALUE

2, 12, 20 GROSS RENT

3, 13, 21 INCOME IN 1969

4, 14, 22 PLUMBING FACILITIES
BY PERSONS PER ROOM

5, 15, 23 ROOMS

6, 16, 24 UNITS IN STRUCTURE

7, 17, 25 HOUSEHOLD COMPOSITION

8, 18, 26 PERSONS

9 DURATION OF VACANCY

10 SALES PRICE ASKED
AND RENT ASKED
