

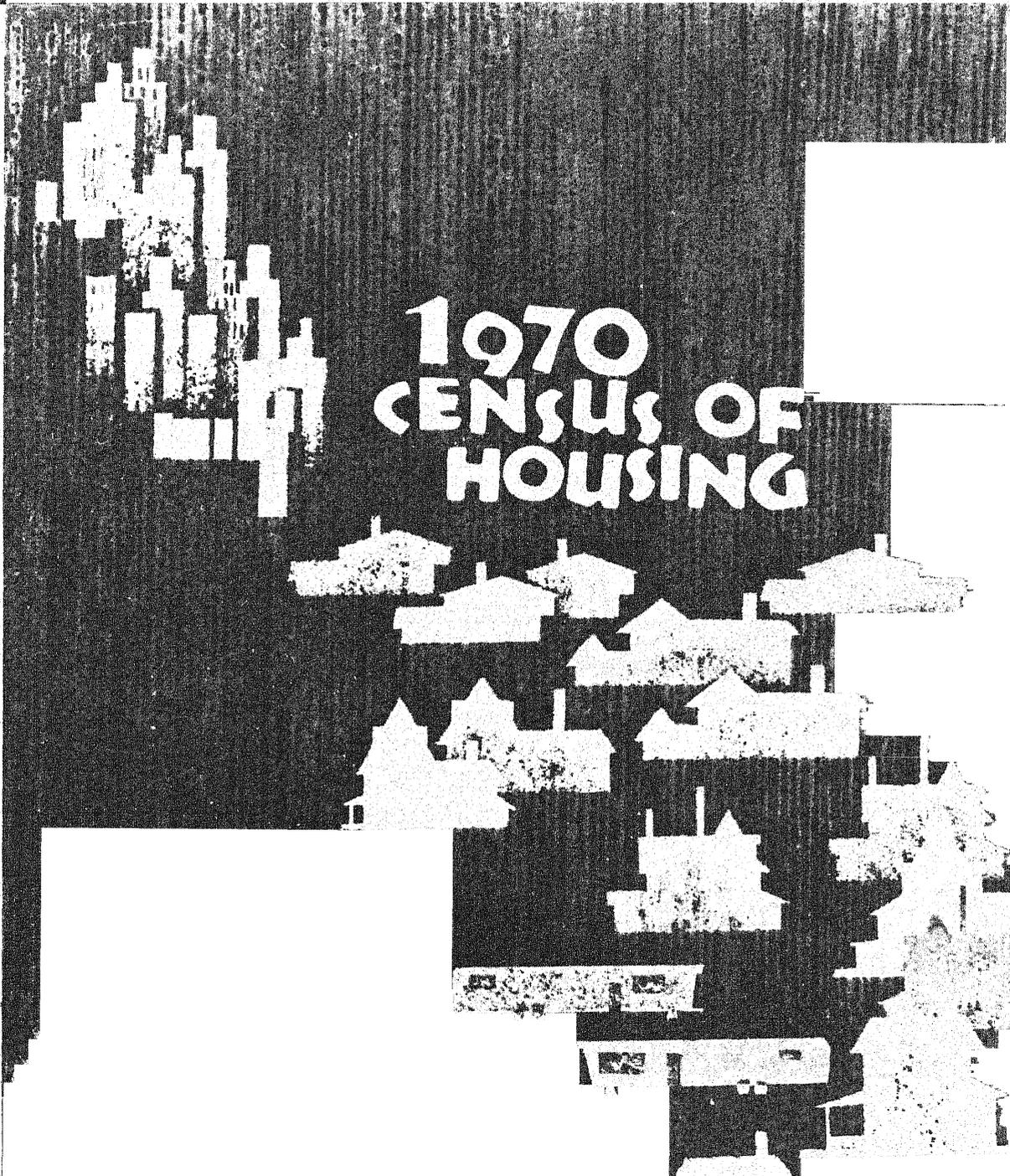
A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

KNOXVILLE, TENN.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-103

A stylized, high-contrast graphic illustration of a cityscape. The upper portion shows a cluster of tall, rectangular buildings of varying heights, representing a downtown area. Below this, a larger area is filled with numerous smaller, simplified house shapes, some with gabled roofs and others with flat roofs, representing residential housing. The entire scene is set against a dark, textured background that resembles a wood grain or a similar natural pattern.

**1970
CENSUS OF
HOUSING**

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

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THE CENSUS

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Robert L. Hagan, Acting Deputy Director
Conrad Taeuber, Associate Director
Daniel B. Levine, Acting Deputy Associate Director
David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

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 Dean 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. Stye and Ernie 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. 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 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)-103
Knoxville, Tenn. SMSA
U.S. Government Printing Office
Washington, D.C. 1972

For sale by the
Superintendent of Documents
U.S. Government Printing Office
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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**KNOXVILLE, TENN.
STANDARD METROPOLITAN
STATISTICAL AREA**

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

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	9 ¹	9	9	—	—	—	9
UTILIZATION CHARACTERISTICS										
Number of rooms	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	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†	—	—

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

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GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

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
Knoxville, Tenn.
 STANDARD METROPOLITAN STATISTICAL AREA

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page

MAP

Counties, Standard Metropolitan
 Statistical Areas, and Selected Places

X

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		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
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Knoxville	B	18 to 26	—	—

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Counties, Standard Metropolitan Statistical Areas, and Selected Places

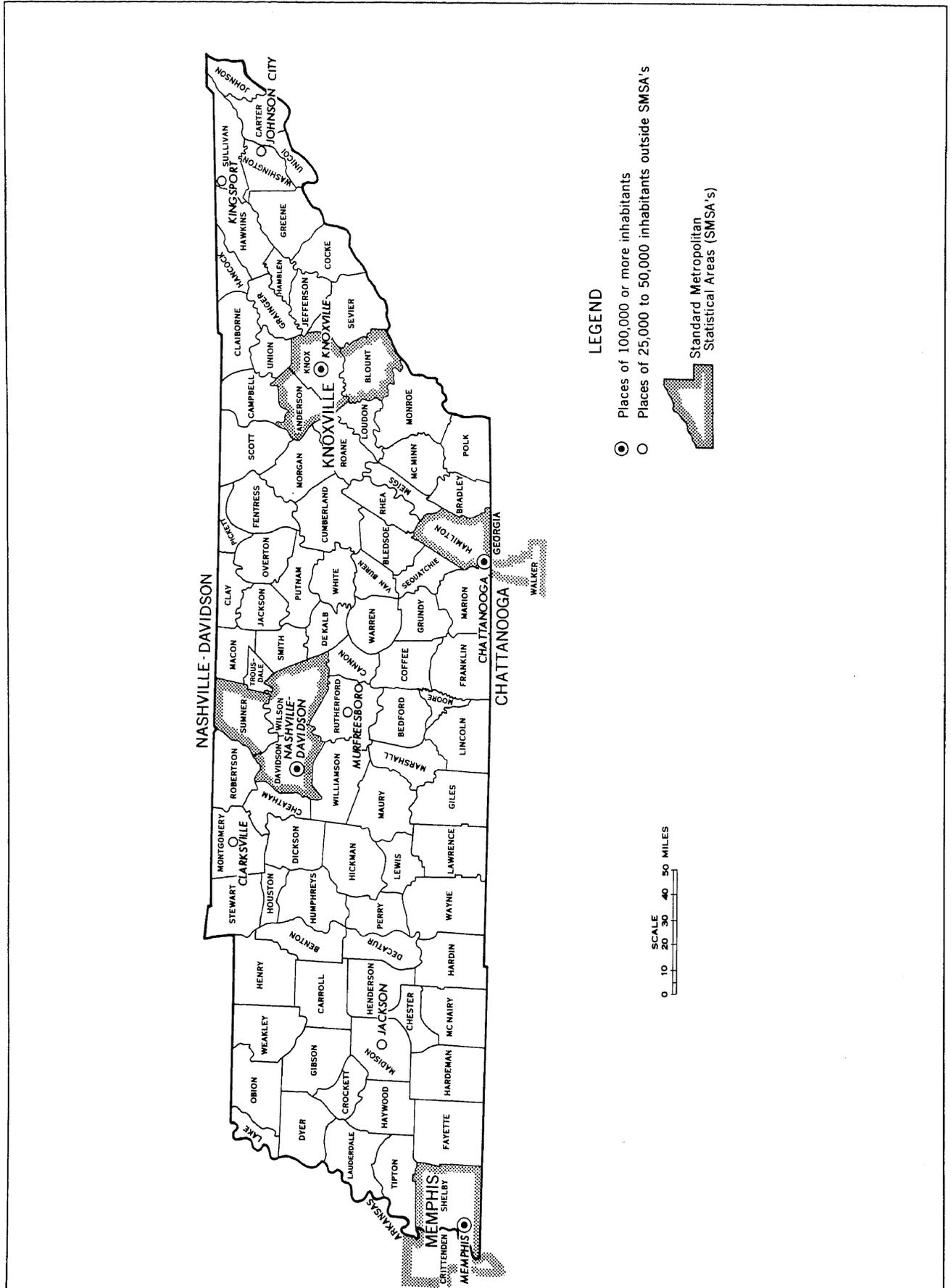


Table A-1. Value of Owner Occupied Housing Units: 1970

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

The SMSA	Total	Less	\$5,000	\$7,500	\$10,000	\$12,500	\$15,000	\$20,000	\$25,000	\$35,000	\$50,000	Median (dollars)
		than \$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	72 955	6 477	9 293	10 592	10 368	7 810	11 807	7 218	6 199	2 357	834	12 400
ROOMS												
1 and 2 rooms	206	91	41	21	32	5	6	10	—	—	—	5 700
3 rooms	1 020	607	220	118	17	14	33	11	—	—	—	5000—
4 rooms	11 846	3 026	3 560	2 869	1 499	466	295	98	33	—	—	7 000
5 rooms	23 933	1 906	3 510	4 688	4 943	3 495	3 761	1 125	442	41	22	10 900
6 rooms	18 581	682	1 469	2 091	2 733	2 618	4 762	2 591	1 265	334	36	14 700
7 rooms	9 098	130	315	530	730	873	1 915	1 987	2 049	481	88	20 100
8 rooms or more	8 271	35	178	275	414	339	1 035	1 396	2 410	1 501	688	26 900
Median	5.5	4.3	4.7	5.0	5.2	5.5	5.9	6.4	7.2	7.5+	7.5+	...
PERSONS												
1 person	7 138	1 173	1 495	1 381	1 065	640	706	326	234	86	32	9 100
2 persons	23 268	2 153	3 176	3 837	3 740	2 343	3 575	2 074	1 599	583	188	11 600
3 persons	14 792	965	1 778	1 975	2 163	1 669	2 768	1 632	1 303	410	129	13 300
4 persons	13 716	861	1 278	1 678	1 752	1 601	2 538	1 613	1 655	568	172	14 500
5 persons	7 753	496	714	896	953	934	1 323	986	880	397	174	14 700
6 persons or more	6 288	829	852	825	695	623	897	587	528	313	139	12 300
Median	2.9	2.5	2.5	2.5	2.7	3.1	3.1	3.2	3.5	3.7	3.9	...
Units with roomers, boarders, or lodgers	837	83	119	150	112	81	133	47	80	32	—	11 500
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	69 099	3 921	8 489	10 330	10 236	7 757	11 785	7 207	6 194	2 352	828	13 000
0.50 or less	38 387	2 083	4 649	5 592	5 535	3 758	6 346	4 202	3 932	1 662	628	13 400
0.51 to 1.00	27 530	1 397	3 099	4 044	4 247	3 700	5 093	2 844	2 223	663	200	13 200
1.01 to 1.50	2 643	306	617	618	387	256	282	138	39	—	—	9 100
1.51 or more	539	135	124	76	67	43	64	23	—	—	—	7 800
Lacking some or all plumbing facilities	3 856	2 556	804	262	132	53	22	5	5	5	6	5000—
0.50 or less	1 661	1 105	294	117	75	42	18	—	5	5	—	5000—
0.51 to 1.00	1 386	873	347	92	47	6	4	—	—	—	—	5000—
1.01 to 1.50	534	347	135	43	4	—	—	—	—	—	—	5000—
1.51 or more	275	231	28	10	6	—	—	—	—	—	—	5000—
BEDROOMS												
None and 1	1 807	932	420	243	92	38	62	—	20	—	—	5 000
2	26 135	4 253	6 313	5 856	4 165	2 501	2 125	554	3 327	20	21	8 600
3	35 412	1 457	2 463	3 597	4 624	4 729	8 597	5 054	3 726	1 080	85	15 500
4 or more	9 963	186	481	662	869	852	1 332	1 543	2 134	1 230	674	21 900
YEAR STRUCTURE BUILT												
1969 to March 1970	1 775	65	42	54	110	87	257	402	504	192	62	23 400
1965 to 1968	8 319	194	280	255	458	527	1 782	1 721	2 101	772	229	21 900
1960 to 1964	10 453	397	470	670	1 040	1 183	2 609	1 922	1 442	587	133	17 800
1950 to 1959	20 180	1 076	1 761	2 788	3 361	3 109	4 195	1 929	1 313	457	191	13 400
1940 to 1949	14 940	1 643	2 691	3 409	2 837	1 524	1 660	640	359	117	60	9 800
1939 or earlier	17 288	3 102	4 049	3 416	2 562	1 380	1 304	604	480	232	159	8 600
COMPLETE BATHROOMS												
1 and 1 1/2	49 257	3 803	8 008	9 728	9 421	6 592	8 070	2 655	789	163	28	10 800
2 and 2 1/2	15 869	86	360	588	896	1 005	3 365	4 114	4 187	1 037	231	22 000
3 or more	3 663	7	13	33	33	42	184	452	1 172	1 148	579	34 100
None or also used by another household	4 105	2 543	827	354	194	86	56	21	10	7	7	5000—
HOUSEHOLD COMPOSITION												
Two-or-more-person households	65 817	5 304	7 798	9 211	9 303	7 170	11 101	6 892	5 965	2 271	802	13 000
Male head, wife present, no nonrelatives	57 705	4 112	6 397	7 823	7 912	6 499	10 134	6 454	5 511	2 123	740	13 500
Under 25 years	1 254	124	196	214	183	101	166	101	79	—	15	11 300
25 to 34 years	9 818	457	840	1 289	1 296	1 314	2 029	1 304	1 055	199	35	14 500
35 to 44 years	13 610	681	1 153	1 453	1 640	1 710	2 504	1 793	1 748	685	243	15 300
45 to 64 years	25 405	1 800	2 929	3 632	3 662	2 544	4 486	2 710	2 193	1 066	383	13 200
65 years and over	7 618	1 050	1 279	1 235	1 131	755	949	546	436	173	64	10 500
Other male head	2 136	320	319	289	292	180	347	151	146	58	34	11 200
Under 65 years	1 666	213	243	223	222	148	261	140	124	58	34	11 700
65 years and over	470	107	76	66	70	32	86	11	22	—	—	9 500
Female head	5 976	872	1 082	1 099	1 099	491	620	287	308	90	28	9 900
Under 65 years	4 159	542	673	775	840	335	469	227	237	61	—	10 300
65 years and over	1 817	330	409	324	259	156	151	71	29	28	28	8 800
One-person households	7 138	1 173	1 495	1 381	1 065	640	706	326	234	86	32	9 100
Under 65 years	3 456	448	775	657	526	342	376	180	104	36	12	9 400
65 years and over	3 682	725	720	724	539	298	330	146	130	50	20	8 900
INCOME IN 1969												
Less than \$2,000	7 309	1 878	1 649	1 399	908	413	570	235	199	48	10	7 700
\$2,000 to \$2,999	3 524	869	766	617	540	280	249	99	73	25	6	8 000
\$3,000 to \$3,999	3 809	767	897	671	577	342	329	129	65	13	19	8 400
\$4,000 to \$4,999	3 607	503	821	711	587	332	397	119	114	23	—	9 200
\$5,000 to \$5,999	4 049	634	813	766	690	451	439	163	49	44	—	9 400
\$6,000 to \$6,999	4 509	449	864	980	823	431	557	214	142	45	4	9 900
\$7,000 to \$9,999	15 780	925	2 135	3 005	2 849	2 139	2 768	1 240	567	113	39	11 600
\$10,000 to \$14,999	17 959	381	1 084	2 012	2 543	2 482	4 364	2 606	1 903	494	90	15 500
\$15,000 to \$24,999	9 554	56	231	386	769	822	1 876	2 005	2 337	886	186	21 600
\$25,000 or more	2 855	15	33	45	82	118	258	408	750	666	480	31 200
Median	\$8 800	\$3 600	\$5 600	\$7 200	\$8 100	\$9 300	\$10 700	\$12 700	\$15 000	\$19 200	\$30 100	...
YEAR MOVED INTO UNIT												
1969 to March 1970	6 736	325	487	912	782	632	1 189	954	1 016	266	173	15 900
1968	5 406	283	379	503	601	561	974	801	897	319	88	17 100
1967	4 395	219	401	458	500	532	909	543	537	246	50	15 400
1965 and 1966	9 380	557	870	1 098	1 250	1 012	1 704	1 202	1 117	438	132	14 800
1960 to 1964	14 718	985	1 475	2 009	2 180	1 827	2 601	1 738	1 240	527	136	13 500
1950 to 1959	19 045	1 696	2 844	3 292	3 015	1 998	3 118	1 532	968	409	173	11 400
1949 or earlier	13 214	2 374	2 752	2 431	2 216	1 163	1 180	472	383	150	93	9 000
HEATING EQUIPMENT												
Steam or hot water	991	11	87	110	161	112	169	145	91	54	51	15 500
Warm-air furnace	16 373	384	1 343	1 996	2 307	1 603	2 026	1 725	2 854	1 550	585	16 200
Built-in electric units	30 392	560	1 825	3 286	4 221	4 301	7 983	4 768	2 778	523	147	15 600
Floor, wall, or pipeless furnace	2 305	173	560	563	429	247	224	61	31	17	—	9 400
Other means	22 838	5 344	5 471	4 617	3 236	1 547	1 405	514	445			

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	38 565	6 415	3 034	3 703	3 518	7 099	5 169	3 870	2 258	547	31	2 921	83
ROOMS													
1 room	1 374	837	152	125	20	96	25	6	13	-	-	100	50-
2 rooms	2 458	513	314	454	212	329	259	140	11	-	-	226	66
3 rooms	8 907	1 883	855	1 064	951	1 513	1 146	845	286	17	-	347	75
4 rooms	13 517	2 029	1 094	1 258	1 364	2 828	2 023	1 237	725	167	4	788	85
5 rooms	7 764	814	450	646	656	1 646	1 136	970	577	170	4	695	92
6 rooms	2 924	248	122	117	233	503	399	415	415	80	5	387	102
7 rooms	967	79	18	39	49	137	92	162	140	55	4	192	114
8 rooms or more	654	12	29	-	33	47	89	95	91	58	14	186	128
Median	4.0	3.5	3.7	3.7	3.9	4.1	4.1	4.3	4.7	5.0	...	4.5	...
PERSONS													
1 person	9 248	2 513	867	1 107	723	1 305	849	750	289	90	-	755	68
2 persons	11 450	1 459	739	959	1 108	2 222	1 857	1 356	770	195	5	780	90
3 persons	7 041	817	535	717	701	1 308	1 166	744	481	112	-	460	88
4 persons	5 029	638	350	362	439	1 145	671	484	402	97	18	423	90
5 persons	2 789	426	233	258	221	536	333	296	185	34	4	263	84
6 persons or more	3 008	562	310	300	326	583	293	240	131	19	4	240	77
Median	2.4	2.0	2.4	2.3	2.4	2.5	2.4	2.4	2.6	2.4	...	2.4	...
Units with roomers, boarders, or lodgers	999	84	82	75	39	176	168	216	92	19	-	48	102
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	14 993	1 944	917	1 446	1 374	2 718	2 129	1 849	1 027	370	15	1 204	89
0.51 to 1.00	16 513	2 068	1 227	1 542	1 598	3 495	2 651	1 790	1 141	161	12	828	88
1.01 to 1.50	2 651	382	269	359	325	629	286	180	74	4	4	139	78
1.51 or more	725	82	138	128	95	154	50	38	-	-	-	40	70
Lacking some or all plumbing facilities													
0.50 or less	3 683	1 939	483	228	126	103	53	13	16	12	-	710	50-
0.51 to 1.00	1 026	509	164	59	30	15	5	7	5	5	-	227	50-
1.01 to 1.50	1 794	1 029	199	126	33	52	34	-	7	7	-	307	50-
1.51 or more	509	232	95	24	37	26	4	6	4	-	-	81	50-
	354	169	25	19	26	10	10	-	-	-	-	95	50-
BEDROOMS													
None	1 461	922	204	87	-	136	20	-	-	-	-	92	50-
1	11 469	2 414	1 039	1 454	1 251	2 042	1 436	869	369	-	-	595	74
2	17 891	1 884	1 448	1 744	1 884	3 562	2 710	1 580	1 292	260	-	1 527	88
3 or more	7 827	941	332	394	565	1 281	1 041	874	999	255	41	1 104	98
YEAR STRUCTURE BUILT													
1969 to March 1970	2 139	880	137	83	44	168	269	174	207	103	5	69	62
1965 to 1968	5 219	779	115	131	160	796	1 063	1 054	705	188	4	224	110
1960 to 1964	3 234	232	128	104	214	562	617	602	356	110	13	296	107
1950 to 1959	6 550	788	408	529	567	1 181	960	810	549	60	4	694	91
1940 to 1949	7 662	967	684	927	927	1 769	1 125	512	170	34	-	506	80
1939 or earlier	13 761	2 769	1 562	1 868	1 606	2 623	1 135	718	271	52	5	1 132	71
ELEVATOR IN STRUCTURE													
4 floors or more	2 356	795	60	87	62	122	447	479	221	62	-	21	102
With elevator	1 846	730	39	-	21	101	409	359	104	62	-	21	101
Walk-up	510	45	21	87	41	21	38	120	117	-	-	-	111
1 to 3 floors	36 292	5 366	2 963	3 592	3 638	6 899	4 760	2 844	2 439	453	41	3 297	83
COMPLETE BATHROOMS													
1 and 1/2	32 980	4 385	2 507	3 370	3 276	6 873	4 977	3 833	1 775	231	-	1 753	86
2 or more	1 654	12	45	48	64	158	101	187	328	342	32	337	157
None or also used by another household	3 856	2 040	513	268	139	135	71	25	20	8	-	637	50-
INCOME IN 1969													
Less than \$2,000	8 866	3 313	811	858	613	986	656	480	216	45	-	888	58
\$2,000 to \$2,999	3 459	863	477	410	356	473	306	251	77	5	5	236	67
\$3,000 to \$3,999	4 006	739	474	474	420	782	467	233	135	14	-	268	74
\$4,000 to \$4,999	3 456	498	295	453	388	773	440	302	100	11	-	196	80
\$5,000 to \$5,999	3 397	327	272	395	415	720	492	325	137	13	-	301	84
\$6,000 to \$6,999	2 944	195	175	309	318	741	466	337	154	13	-	236	89
\$7,000 to \$7,999	6 349	321	341	550	594	1 592	1 215	859	382	63	-	432	95
\$8,000 to \$14,999	4 305	153	113	228	344	804	862	745	680	122	4	250	109
\$15,000 to \$24,999	1 419	6	52	11	53	216	241	299	310	127	13	91	129
\$25,000 or more	364	-	24	15	17	12	24	39	67	134	9	23	179
n	\$4 900	\$2000-	\$3 500	\$4 200	\$5 000	\$5 700	\$6 500	\$7 000	\$9 400	\$14 500	...	\$4 300	...
R MOVED INTO UNIT													
69 to March 1970	18 695	2 698	1 292	1 454	1 490	3 830	2 989	2 525	1 367	379	28	643	91
768	756	486	493	486	850	764	598	309	114	4	4	284	86
1967	3 102	533	229	268	412	585	391	287	169	15	-	213	80
1965 and 1966	4 166	954	294	487	409	778	368	300	187	30	-	359	74
1960 to 1964	4 038	831	367	638	401	631	432	195	50	29	-	464	69
1950 to 1959	2 268	427	262	192	192	374	176	130	10	-	-	445	69
1949 or earlier	1 077	238	135	94	89	118	29	10	31	14	-	319	61
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	4 186	1 187	515	489	496	684	372	205	160	78	-	...	68
10 to 14 percent	6 676	894	551	825	752	1 635	1 024	629	250	111	5	...	84
15 to 19 percent	6 441	787	444	668	635	1 394	1 046	793	545	116	13	...	90
20 to 24 percent	4 197	629	374	362	411	829	692	493	346	57	4	...	87
25 to 34 percent	4 898	1 140	342	362	381	983	713	570	327	80	-	...	85
35 percent or more	8 416	1 656	734	923	788	1 399	1 182	1 078	566	81	9	...	82
Not computed	3 751	122	74	74	55	175	140	102	64	24	-	2 921	90
AIR CONDITIONING													
Room unit(s)	11 031	588	412	556	861	2 338	2 592	1 949	860	116	11	748	103
Central system	3 316	56	38	32	37	454	548	743	790	406	13	199	136
None	24 143	5 793	2 615	3 098	2 581	4 374	2 009	1 353	473	59	8	1 780	69

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	86 492	9 563	4 684	4 803	4 531	5 044	5 382	18 732	20 297	10 347	3 109	8 500
ROOMS												
1 and 2 rooms	501	210	60	42	39	5	23	51	43	16	12	2 700
3 rooms	2 083	711	245	194	179	159	74	300	183	38	-	3 400
4 rooms	15 563	3 013	1 210	1 412	1 112	1 495	1 276	3 607	2 017	389	32	5 700
5 rooms	27 644	3 018	1 733	1 727	1 789	1 832	2 029	7 090	6 167	2 000	259	7 700
6 rooms	21 136	1 629	970	924	978	1 227	4 938	6 123	2 874	561	9 400	9 400
7 rooms or more	19 565	982	466	504	500	575	753	2 746	5 764	5 030	2 245	12 800
PERSONS												
1 person	9 300	4 700	1 105	879	602	361	343	803	299	134	74	2 000
2 persons	28 217	3 385	2 501	2 316	1 947	1 847	1 687	5 754	5 390	2 479	911	7 200
3 and 4 persons	33 350	1 107	757	1 179	1 409	1 931	2 357	8 503	9 789	4 988	1 330	9 800
5 persons	8 579	147	114	175	214	467	614	2 050	2 825	1 542	431	10 900
6 persons or more	7 046	224	207	254	359	438	381	1 622	1 994	1 204	363	10 100
Units with roomers, boarders, or lodgers	1 027	225	116	65	62	81	53	219	122	70	14	5 600
BEDROOMS												
Less than 3	34 732	6 522	2 957	2 862	2 672	2 686	2 835	7 691	4 611	1 664	232	5 900
3	40 182	2 607	1 246	1 330	1 428	2 051	2 392	9 177	12 314	5 857	1 780	10 000
4 or more	11 582	602	422	394	394	362	492	1 566	3 115	2 661	1 574	12 500
YEAR STRUCTURE BUILT												
1969 to March 1970	2 702	147	73	87	139	178	179	599	772	428	100	9 700
1960 to 1968	22 782	1 165	516	837	837	1 091	1 282	5 102	6 803	3 927	1 222	10 400
1950 to 1959	22 475	1 681	858	1 065	1 039	1 243	1 343	4 944	6 099	3 311	892	9 400
1949 or earlier	38 533	6 570	3 237	2 814	2 516	2 532	2 578	8 087	6 623	2 681	895	6 600
YEAR MOVED INTO UNIT												
1969 to March 1970	8 703	600	315	397	551	463	561	2 103	2 301	1 104	308	9 100
1968	6 506	315	189	278	303	291	491	1 591	1 884	940	224	9 600
1960 to 1967	32 892	2 333	1 123	1 521	1 429	1 977	1 994	7 675	8 939	4 681	1 220	9 400
1959 or earlier	38 391	6 173	3 071	2 667	2 286	2 328	2 241	7 472	7 332	3 658	1 163	7 200
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	67 593	4 634	2 422	2 897	2 969	3 866	4 380	15 160	18 198	9 678	3 389	9 500
Clothes dryer	51 048	2 351	1 392	1 685	1 648	2 586	3 189	10 984	15 398	8 840	2 975	10 500
Dishwasher	18 795	449	290	277	357	486	783	2 633	5 635	5 308	2 577	13 700
Home food freezer	36 870	2 717	1 589	1 494	1 569	1 895	2 381	8 300	9 786	5 289	1 850	9 500
Owned second home	4 879	487	138	187	144	247	301	817	996	1 084	478	10 600
With air conditioning	48 797	2 363	1 551	1 548	2 023	2 102	2 628	11 002	14 497	8 514	2 569	10 400
Room unit(s)	37 828	2 053	1 362	1 346	1 822	1 845	2 367	9 633	11 314	5 061	1 025	9 500
Central system	10 969	310	189	202	201	257	261	1 369	3 183	3 453	1 544	14 200
Automobiles available:												
1	36 261	3 941	2 948	3 154	2 975	3 100	3 080	8 805	6 110	1 750	398	6 700
2	35 243	758	465	720	985	1 373	1 803	8 500	12 062	6 769	1 808	11 300
3 or more	6 181	79	81	108	78	192	191	966	2 002	1 798	686	13 500
Renter occupied housing units	40 345	9 264	3 612	4 184	3 655	3 567	3 099	6 655	4 485	1 460	364	4 900
ROOMS												
1 room	1 399	683	261	98	95	58	51	120	33	-	-	2 100
2 rooms	2 477	1 045	295	294	230	193	120	199	68	21	12	2 700
3 rooms	9 086	2 973	950	1 007	859	877	598	1 052	559	136	75	3 600
4 rooms	14 142	2 844	1 191	1 667	1 347	1 256	1 123	2 535	1 570	525	83	5 000
5 rooms	8 237	1 180	623	817	716	757	699	1 689	1 269	396	92	6 000
6 rooms or more	5 004	539	292	301	408	426	508	1 060	986	382	102	7 100
PERSONS												
1 person	9 394	4 291	1 091	931	684	550	390	858	374	159	66	2 400
2 persons	11 877	2 515	1 127	1 312	1 015	1 071	848	1 828	1 482	519	160	5 000
3 and 4 persons	12 758	1 681	830	1 240	1 356	1 313	1 183	2 783	1 749	503	120	6 000
5 persons	3 056	425	199	295	291	286	330	638	419	168	5	6 100
6 persons or more	3 260	352	365	406	309	347	348	548	461	111	13	5 600
Units with roomers, boarders, or lodgers	1 013	438	123	110	75	76	60	94	32	5	-	2 600
BEDROOMS												
None	1 481	788	332	129	51	48	45	88	-	-	-	2000-
1	11 648	3 871	1 049	1 482	1 184	1 251	651	1 163	685	232	80	3 600
2	18 718	3 642	1 749	1 751	1 584	1 890	1 602	3 470	2 349	443	238	5 300
3 or more	8 443	850	772	605	904	681	704	1 542	1 787	518	80	6 600
YEAR STRUCTURE BUILT												
1969 to March 1970	2 171	811	202	174	133	136	112	268	203	104	28	3 400
1960 to 1968	8 644	1 718	631	825	752	761	643	1 392	1 217	522	183	5 500
1950 to 1959	6 802	1 303	516	558	608	519	519	1 409	927	321	53	5 700
1949 or earlier	22 728	5 432	2 263	2 627	2 182	2 062	1 825	3 586	2 138	513	100	4 500
YEAR MOVED INTO UNIT												
1969 to March 1970	19 373	4 498	1 708	2 136	1 869	1 661	1 572	3 076	1 996	708	149	4 700
1968	5 326	992	463	482	443	444	401	1 012	785	246	58	5 600
1960 to 1967	11 964	2 752	953	1 253	1 097	1 095	949	2 056	1 300	402	107	4 900
1959 or earlier	3 682	1 165	423	351	220	269	186	594	259	187	28	3 700
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	38 565	8 866	3 459	4 006	3 456	3 397	2 944	6 349	4 305	1 419	364	4 900
Less than 15 percent	10 862	33	155	410	570	811	962	3 808	3 069	1 207	337	9 300
15 to 19 percent	6 441	89	352	619	787	946	928	1 107	797	112	4	6 500
20 to 24 percent	4 197	387	386	726	734	698	501	592	164	9	-	4 800
25 to 34 percent	4 898	1 047	826	1 136	837	537	288	206	21	-	-	3 500
35 percent or more	8 416	5 592	1 504	847	332	104	29	4	4	-	-	2000-
Not computed	3 751	1 718	236	268	196	301	236	432	250	91	23	2 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	14 959	1 640	1 106	1 024	1 217	1 367	1 548	3 230	3 015	652	160	6 700
Clothes dryer	8 440	772	287	349	538	759	819	1 850	2 324	618	124	8 100
Dishwasher	3 001	166	85	312	163	119	161	656	768	409	162	9 300
Home food freezer	4 520	606	290	339	329	446	358	1 018	808	282	44	6 700
Owned second home	955	117	45	40	100	58	42	192	206	155	-	8 200
With air conditioning	14 644	2 119	942	1 116	989	1 226	1 260	2 992	2 605	1 089	306	6 700
Room unit(s)	11 269	1 730	785	885	787	998	973	2 340	1 966	708	97	6 500
Central system	3 375	389	157	231	202	228	287	652	639	381	209	7 900
Automobiles available:												
1	20 673	3 278	1 646	2 548	2 218	2 359	2 049	3 965	1 903	587	120	5 300
2	8 347	619	244	480	584	598	759	2 035	2 060	802	166	8 300
3 or more	923	53	43	49	42	91	79	210	220	115		

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	86 492	81 324	45 480	32 146	3 060	638	5 168	2 339	1 851	656	322
PERSONS											
1 person.....	9 300	8 259	8 220	39	-	-	1 041	1 037	4	-	-
2 persons.....	28 217	26 769	26 003	8 723	-	43	1 448	1 199	238	-	11
3 persons.....	17 655	16 862	8 300	8 552	10	-	793	103	680	10	24
4 persons.....	15 695	14 984	2 155	12 736	88	5	711	-	635	52	41
5 persons.....	8 579	8 131	802	6 712	597	20	448	-	222	185	246
6 persons or more.....	7 046	6 319	-	3 384	2 365	570	727	-	72	409	7.2
Median.....	2.8	2.8	2.1	4.0	6.2	7.5+	2.6	1.6	3.5	5.8	-
Units with roomers, boarders, or lodgers.....	1 027	985	455	431	85	14	42	21	21	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	2 633	2 524	1 235	1 194	62	33	109	20	53	30	6
1965 to 1968.....	10 525	10 282	4 916	5 046	280	40	243	53	138	34	18
1960 to 1964.....	11 951	11 587	5 377	5 707	439	64	364	57	154	108	45
1950 to 1959.....	22 453	21 678	11 051	9 442	1 004	181	775	205	356	124	90
1940 to 1949.....	16 797	15 741	9 662	5 357	628	94	1 056	424	403	160	69
1939 or earlier.....	22 133	19 375	13 221	5 488	681	185	2 558	1 472	744	206	136
INCOME IN 1969											
Less than \$2,000.....	9 563	7 735	6 740	879	91	25	1 828	1 396	313	38	81
\$2,000 to \$2,999.....	4 684	4 052	3 282	644	88	38	632	368	173	65	26
\$3,000 to \$3,999.....	4 803	4 171	3 085	954	92	40	632	194	273	116	49
\$4,000 to \$4,999.....	4 531	4 134	2 608	1 321	146	59	397	88	169	87	53
\$5,000 to \$5,999.....	5 044	4 655	2 477	1 799	298	81	389	70	233	66	20
\$6,000 to \$6,999.....	5 382	5 071	2 514	2 224	272	61	311	39	182	60	30
\$7,000 to \$9,999.....	18 732	18 094	8 249	8 769	1 009	67	638	106	359	122	51
\$10,000 to \$14,999.....	20 297	20 047	8 953	10 187	744	163	250	54	118	66	12
\$15,000 to \$24,999.....	10 347	10 265	5 441	4 455	295	74	252	19	27	36	-
\$25,000 or more.....	3 109	3 100	2 131	914	25	30	9	5	4	-	-
Median.....	\$8 500	\$8 800	\$7 700	\$9 800	\$8 600	\$7 700	\$3 200	\$2000-	\$5 000	\$5 300	\$4 100
VALUE-INCOME RATIO											
Specified owner occupied ¹	72 955	69 099	38 387	27 530	2 643	539	3 856	1 661	1 386	534	275
Less than 1.5.....	33 589	31 650	14 278	15 139	1 848	385	1 939	412	929	409	189
1.5 to 1.9.....	13 399	12 949	6 691	5 795	402	61	450	211	150	61	28
2.0 to 2.4.....	7 543	7 289	4 139	2 953	187	10	254	108	106	27	13
2.5 to 2.9.....	4 630	4 465	2 932	1 466	40	27	165	88	52	19	6
3.0 to 3.9.....	4 657	4 235	3 235	1 094	63	28	247	159	82	6	-
4.0 or more.....	8 389	7 718	6 614	989	87	28	671	566	63	12	30
Not computed.....	738	608	498	94	16	-	130	117	4	-	9
HEATING EQUIPMENT											
Steam or hot water.....	1 168	1 168	883	256	24	5	-	-	-	-	-
Warm-air furnace.....	19 282	19 142	12 070	6 534	456	82	140	72	52	11	5
Built-in electric units.....	33 527	33 296	17 182	14 887	1 051	176	231	105	84	29	13
Floor, wall, or pipeless furnace.....	2 950	2 896	1 629	1 097	136	34	54	20	26	4	4
Other means.....	29 509	24 771	13 688	9 366	1 376	341	4 738	2 142	1 689	612	295
None.....	56	51	28	6	17	-	5	-	-	-	5
Renter occupied housing units	40 345	36 049	15 426	17 132	2 727	764	4 296	1 201	2 020	647	428
PERSONS											
1 person.....	9 394	8 210	7 490	720	-	-	1 184	658	526	-	-
2 persons.....	11 877	11 023	6 823	4 110	-	90	854	503	335	-	16
3 persons.....	7 382	6 822	905	5 714	167	30	560	35	504	21	-
4 persons.....	5 376	4 829	161	4 363	256	49	547	5	422	85	35
5 persons.....	3 056	2 591	47	1 636	806	102	465	-	156	244	65
6 persons or more.....	3 260	2 574	-	589	1 498	487	686	-	77	297	312
Median.....	2.4	2.4	1.5	3.2	5.7	6.9	2.7	1.4	2.8	5.4	7.1
Units with roomers, boarders, or lodgers.....	1 013	958	383	498	50	27	55	4	23	17	11
YEAR STRUCTURE BUILT											
1969 to March 1970.....	2 128	2 100	922	1 091	64	23	28	-	12	16	-
1965 to 1968.....	5 339	5 223	2 284	2 630	252	57	116	15	75	12	14
1960 to 1964.....	3 361	3 206	1 608	1 381	177	40	155	54	75	22	4
1950 to 1959.....	6 905	6 467	2 436	3 295	627	109	438	140	146	91	61
1940 to 1949.....	7 986	7 200	3 018	3 427	609	146	786	188	427	89	82
1939 or earlier.....	14 626	11 869	5 201	5 186	1 102	380	2 757	881	1 213	438	225
INCOME IN 1969											
Less than \$2,000.....	9 264	7 572	4 325	2 769	336	142	1 692	722	682	180	108
\$2,000 to \$2,999.....	3 612	3 064	1 388	1 278	281	117	548	160	286	72	30
\$3,000 to \$3,999.....	4 184	3 650	1 533	1 722	340	55	534	119	250	94	71
\$4,000 to \$4,999.....	3 655	3 219	1 189	1 640	323	67	436	55	258	80	43
\$5,000 to \$5,999.....	3 547	3 265	1 133	1 731	311	90	302	48	168	56	30
\$6,000 to \$6,999.....	3 099	2 852	967	1 508	288	89	247	31	116	58	42
\$7,000 to \$9,999.....	6 655	6 312	2 240	3 467	485	120	343	46	171	66	60
\$10,000 to \$14,999.....	4 485	4 310	1 728	2 228	287	67	175	20	82	34	39
\$15,000 to \$24,999.....	1 460	1 441	704	654	66	17	19	-	7	7	5
\$25,000 or more.....	364	364	219	135	10	-	-	-	-	-	-
Median.....	\$4 900	\$5 200	\$4 400	\$5 700	\$5 300	\$5 000	\$2 800	\$2000-	\$3 200	\$3 800	\$4 100
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	38 565	34 882	14 993	16 513	2 651	725	3 683	1 026	1 794	509	354
Less than 10 percent.....	4 186	3 493	1 285	1 781	329	98	693	113	374	117	89
10 to 14 percent.....	6 676	6 220	2 064	3 496	537	123	456	67	236	98	55
15 to 19 percent.....	6 441	6 025	2 161	3 109	598	157	416	90	241	39	46
20 to 24 percent.....	4 197	3 949	1 579	1 997	302	71	248	99	119	22	8
25 to 34 percent.....	4 898	4 532	2 106	2 036	405	85	366	91	202	54	19
35 percent or more.....	8 416	7 682	4 124	3 019	403	136	734	316	287	89	42
Not computed.....	3 751	2 981	1 674	1 075	177	55	70	250	335	90	95
HEATING EQUIPMENT											
Steam or hot water.....	3 749	3 527	1 893	1 466	74	94	242	30	197	11	4
Warm-air furnace.....	7 003	6 673	3 349	2 978	292	54	330	54	249	12	15
Built-in electric units.....	11 959	11 807	5 153	5 893	604	157	152	38	79	10	25
Floor, wall, or pipeless furnace.....	1 300	1 260	492	551	199	18	40	14	20	-	6
Other means.....	16 281	12 771	4 539	6 237	1 554	441	3 510	1 055	1 469	614	372
None.....	33	11	-	7	4	-	22	10	6	-	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-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 -----	86 492	112	389	2 083	15 563	27 644	21 136	10 323	9 242	5.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access -----	80 812	100	217	1 512	13 038	26 414	20 343	9 940	9 248	5.5
PERSONS										
1 person -----	9 300	43	178	732	2 557	3 111	1 682	627	370	4.9
2 persons -----	28 217	54	144	817	6 202	9 804	6 504	2 889	1 803	5.2
3 persons -----	17 455	—	20	252	3 207	5 773	4 568	2 175	1 660	5.4
4 persons -----	15 695	5	24	140	2 154	4 814	4 139	2 264	2 155	5.7
5 persons -----	8 879	—	6	55	782	2 293	2 384	1 373	1 686	6.0
6 persons or more -----	7 046	10	17	87	661	1 849	1 859	995	1 568	6.0
Median -----	2.8	1.7	1.6	1.9	2.3	2.7	3.0	3.3	3.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities -----	81 324	97	233	1 478	13 246	26 336	20 594	10 171	9 169	5.5
0.50 or less -----	45 480	—	109	529	7 668	12 365	12 466	5 607	6 736	5.7
0.51 to 1.00 -----	32 146	39	101	803	4 578	12 363	7 477	4 465	2 320	5.4
1.01 to 1.50 -----	3 060	—	10	88	822	1 416	571	86	67	4.9
1.51 or more -----	638	58	13	58	178	192	80	13	46	4.6
Lacking some or all plumbing facilities -----	5 168	15	156	605	2 317	1 308	542	152	73	4.3
0.50 or less -----	2 339	—	69	203	1 091	550	288	84	54	4.3
0.51 to 1.00 -----	1 851	4	43	266	783	517	159	60	19	4.3
1.01 to 1.50 -----	656	—	10	52	319	182	85	8	—	4.3
1.51 or more -----	322	11	34	84	124	59	10	—	—	3.8
BEDROOMS										
None and 1 -----	2 915	44	431	1 224	766	331	39	80	—	3.3
2 -----	31 817	—	—	893	14 756	11 931	3 766	366	105	4.5
3 -----	40 182	—	—	—	454	14 325	16 037	7 018	2 348	5.8
4 or more -----	11 582	—	—	—	—	237	1 786	3 143	6 416	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	2 702	6	27	127	519	596	562	373	492	5.6
1960 to 1968 -----	22 782	5	88	567	2 851	6 617	5 387	3 481	3 786	5.7
1950 to 1959 -----	22 475	15	100	399	3 696	7 806	6 201	2 620	1 638	5.4
1949 or earlier -----	38 533	86	174	990	8 497	12 625	8 986	3 849	3 326	5.3
COMPLETE BATHROOMS										
1 and 1 1/2 -----	59 493	101	204	1 455	12 718	23 655	14 772	4 471	2 117	5.1
2 or more -----	21 421	5	13	57	357	2 790	5 571	5 484	7 144	6.8
None or also used by another household -----	5 578	18	154	582	2 387	1 544	608	213	72	4.4
VALUE-INCOME RATIO										
Specified owner occupied¹ -----	72 955	68	138	1 020	11 846	23 933	18 581	9 098	8 271	5.5
Less than 1.5 -----	33 589	31	32	430	6 573	11 739	8 454	3 491	2 839	5.3
1.5 to 1.9 -----	13 399	16	10	124	1 424	4 134	3 743	2 082	1 866	5.8
2.0 to 2.9 -----	12 173	—	6	89	1 341	3 667	3 171	1 949	1 950	5.8
3.0 or more -----	13 056	21	76	333	2 345	4 135	3 055	1 526	1 565	5.4
Not computed -----	738	—	14	44	163	258	158	50	51	5.1
Renter occupied housing units -----	40 345	1 399	2 477	9 086	14 142	8 237	3 216	1 044	744	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access -----	35 497	699	1 962	8 425	12 263	7 504	3 004	1 008	632	4.0
PERSONS										
1 person -----	9 394	1 246	1 426	3 733	2 093	662	164	38	32	3.0
2 persons -----	11 877	106	751	3 694	4 483	1 996	559	151	137	3.8
3 persons -----	7 382	36	188	1 017	3 602	1 599	674	171	95	4.2
4 persons -----	5 376	11	73	341	2 142	1 723	665	255	166	4.6
5 persons -----	3 056	—	26	141	1 050	1 106	479	147	107	4.8
6 persons or more -----	3 260	—	13	160	772	1 151	675	282	207	5.1
Median -----	2.4	1.1	1.4	1.7	2.6	3.4	3.8	4.1	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities -----	36 049	851	2 108	8 393	12 382	7 608	3 010	994	703	4.0
0.50 or less -----	15 426	—	1 234	3 694	5 979	2 456	1 341	355	461	4.0
0.51 to 1.00 -----	17 132	720	644	4 365	5 118	4 155	1 340	562	228	4.1
1.01 to 1.50 -----	2 727	—	167	256	1 094	282	282	72	14	4.4
1.51 or more -----	4 764	131	63	172	191	155	47	5	—	3.6
Lacking some or all plumbing facilities -----	4 294	548	369	693	1 760	629	206	50	41	3.8
0.50 or less -----	1 201	—	192	133	597	202	56	5	16	4.0
0.51 to 1.00 -----	2 020	526	107	346	626	273	90	27	25	3.5
1.01 to 1.50 -----	647	—	21	85	357	114	52	18	—	4.1
1.51 or more -----	428	22	49	129	180	40	8	—	—	3.6
BEDROOMS										
None -----	1 481	1 379	41	61	—	—	—	—	—	1.0
1 -----	11 648	—	2 517	7 683	1 300	128	—	20	—	2.9
2 -----	18 718	—	—	902	12 612	4 357	729	87	31	4.2
3 or more -----	8 443	—	—	—	210	3 956	2 526	863	888	5.5
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	2 171	274	111	724	648	330	49	15	20	3.5
1960 to 1968 -----	8 644	128	501	2 653	3 384	1 262	435	159	122	3.8
1950 to 1959 -----	6 802	59	329	895	2 741	1 684	707	289	98	4.3
1949 or earlier -----	22 728	938	1 536	4 814	7 369	4 961	2 025	581	504	4.1
COMPLETE BATHROOMS										
1 and 1 1/2 -----	34 058	852	2 023	8 370	11 997	7 250	2 570	734	262	4.0
2 or more -----	1 737	6	23	82	273	275	434	274	370	6.0
None or also used by another household -----	4 550	530	393	744	1 922	617	252	53	39	3.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied² -----	38 565	1 374	2 458	8 907	13 517	7 764	2 924	967	654	4.0
Less than 10 percent -----	4 186	195	185	815	1 650	863	298	91	89	4.0
10 to 14 percent -----	6 676	151	251	1 196	2 527	1 690	620	175	66	4.2
15 to 19 percent -----	6 441	189	243	1 274	2 383	1 485	532	200	135	4.1
20 to 24 percent -----	4 197	—	234	971	1 535	900	347	65	38	4.0
25 to 34 percent -----	4 898	—	379	1 290	1 633	910	334	91	68	3.9
35 percent or more -----	8 416	429	822	2 750	2 735	1 111	376	135	58	3.6
Not computed -----	3 751	110	344	611	1 054	805	417	210	200	4.3

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

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

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

The SMSA	Owner occupied				Renter occupied							
	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	86 492	80 402	2 098	3 992	40 345	20 100	3 616	3 330	3 679	4 012	4 725	883
ROOMS												
1 room	112	85	11	16	1 399	126	50	53	213	276	665	16
2 rooms	389	154	64	171	2 477	412	202	318	468	282	710	85
3 rooms	2 083	1 169	183	731	9 086	1 775	972	1 294	1 119	1 565	2 143	218
4 rooms	15 563	13 011	516	2 036	14 142	7 346	1 531	1 207	1 252	1 392	949	465
5 rooms	27 644	26 153	582	909	8 237	6 153	578	220	518	441	248	79
6 rooms	21 136	20 623	404	109	3 216	2 712	178	173	77	51	5	20
7 rooms	10 323	10 140	163	20	1 044	870	89	57	18	5	5	-
8 rooms or more	9 242	9 067	175	-	744	706	16	8	14	-	-	-
Median	5.4	5.5	5.0	4.0	4.0	4.6	3.9	3.5	3.5	3.4	3.0	3.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	81 324	75 472	2 032	3 820	36 049	16 797	3 479	3 153	3 472	3 829	4 530	789
0.50 or less	45 480	42 510	1 423	1 547	15 426	6 167	1 517	1 569	1 524	1 992	2 266	391
0.51 to 1.00	32 146	29 561	547	2 038	17 132	8 357	1 650	1 380	1 571	1 532	2 134	304
1.01 to 1.50	3 060	2 827	43	190	2 727	1 791	264	171	310	76	62	77
1.51 or more	638	574	19	45	764	487	48	33	67	49	68	17
Lacking some or all plumbing facilities	5 168	4 930	66	172	4 296	3 303	137	177	207	183	195	94
0.50 or less	2 339	2 218	41	80	1 201	952	58	69	46	25	12	39
0.51 to 1.00	1 851	1 766	20	65	2 020	1 610	70	89	142	153	168	38
1.01 to 1.50	656	636	5	15	647	633	-	5	19	-	6	4
1.51 or more	322	310	-	12	428	378	9	14	-	5	9	13
BEDROOMS												
None	44	19	-	25	1 481	129	140	73	262	300	577	-
1	2 871	1 976	465	430	11 648	2 325	1 283	1 570	1 713	1 863	2 792	102
2	31 817	28 356	877	2 584	18 718	10 651	1 864	1 380	1 188	1 719	1 150	766
3	40 182	38 545	695	942	6 782	5 103	605	215	540	212	73	34
4 or more	11 582	11 198	348	36	1 661	1 343	63	176	59	20	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	2 702	1 903	76	723	2 171	337	217	100	175	421	856	65
1965 to 1968	10 747	8 883	94	1 770	5 293	745	233	251	642	1 371	1 741	310
1960 to 1964	12 035	11 134	169	732	3 351	1 553	234	122	226	318	673	225
1950 to 1959	22 475	21 619	380	476	6 802	4 201	597	506	455	429	410	204
1940 to 1949	16 881	16 299	490	92	8 006	4 758	948	870	502	504	391	33
1939 or earlier	21 652	20 564	889	199	14 722	8 506	1 387	1 481	1 679	969	654	46
INCOME IN 1969												
Less than \$2,000	9 563	8 663	389	511	9 264	3 435	820	875	1 437	997	1 502	198
\$2,000 to \$2,999	4 684	4 264	177	243	3 612	1 553	389	327	455	304	486	98
\$3,000 to \$3,999	4 803	4 314	191	298	4 184	1 928	395	380	523	391	436	131
\$4,000 to \$4,999	4 531	4 052	137	342	3 655	1 928	295	336	300	293	399	76
\$5,000 to \$5,999	5 044	4 489	150	405	3 567	1 959	320	300	209	334	350	95
\$6,000 to \$6,999	5 382	4 930	112	340	3 099	1 848	294	204	129	294	246	84
\$7,000 to \$9,999	18 732	17 265	418	1 049	6 655	3 916	585	482	392	618	533	129
\$10,000 to \$14,999	20 297	19 269	342	686	4 485	2 696	379	305	172	489	385	59
\$15,000 to \$24,999	10 347	10 107	138	102	1 460	718	108	99	37	232	253	13
\$25,000 or more	3 109	3 049	44	16	664	91	31	22	25	60	135	-
Median	\$8 500	\$8 600	\$6 000	\$6 600	\$4 900	\$5 600	\$4 700	\$4 200	\$2 900	\$5 100	\$3 900	\$4 200
YEAR MOVED INTO UNIT												
1969 to March 1970	8 703	7 159	210	1 334	19 373	8 327	1 602	1 562	1 946	2 325	3 040	571
1968	6 506	5 716	104	686	5 326	2 594	513	557	416	546	630	70
1967	5 216	4 596	98	522	3 338	1 861	281	306	313	311	210	56
1965 and 1966	10 925	10 081	145	699	4 403	2 491	418	374	335	345	370	70
1960 to 1964	16 751	15 779	425	547	4 223	2 373	409	347	405	295	329	65
1950 to 1959	20 705	19 981	588	136	2 289	1 461	246	137	167	143	97	38
1949 or earlier	17 686	17 204	425	57	1 393	1 045	40	44	122	75	67	-
GROSS RENT												
Specified renter occupied¹	38 565	18 320	3 616	3 330	3 679	4 012	4 725	883				
Less than \$50	6 415	2 341	483	508	6 415	2 341	483	508	1 282	642	1 085	74
\$50 to \$59	3 034	1 576	372	289	3 034	1 576	372	289	348	221	203	25
\$60 to \$69	3 703	1 736	459	431	3 703	1 736	459	431	446	239	332	60
\$70 to \$79	3 518	1 833	398	484	3 518	1 833	398	484	271	197	247	85
\$80 to \$99	7 099	3 527	741	789	7 099	3 527	741	789	538	695	635	174
\$100 to \$119	5 169	2 107	446	462	5 169	2 107	446	462	346	936	698	174
\$120 to \$149	3 870	1 705	308	204	3 870	1 705	308	204	233	591	756	73
\$150 to \$199	2 258	1 018	160	80	2 258	1 018	160	80	139	331	480	50
\$200 to \$299	547	170	25	18	547	170	25	18	9	98	227	-
\$300 or more	31	22	-	-	31	22	-	-	-	5	4	-
No cash rent	2 921	2 285	224	65	2 921	2 285	224	65	67	57	58	165
Median	\$83	\$83	\$80	\$78	\$80	\$78	\$64	\$100	\$96	\$92	\$92	\$92
HEATING EQUIPMENT												
Steam or hot water	1 168	1 092	71	5	3 769	229	141	329	688	1 077	1 305	-
Warm-air furnace	19 282	17 714	580	988	7 003	2 472	768	1 017	634	929	1 013	170
Built-in electric units	33 527	32 135	666	726	11 959	5 027	1 143	791	1 017	1 670	2 178	133
Floor, wall, or pipeless furnace	2 950	2 458	86	406	1 300	746	170	141	122	-	54	67
Other means	29 509	26 947	695	1 867	16 281	11 606	1 387	1 052	1 218	336	175	507
None	56	56	-	-	33	20	7	-	-	-	-	6
AIR CONDITIONING												
Room unit(s)	37 828	35 138	862	1 828	11 269	4 894	1 067	879	654	1 587	1 896	292
Central system	10 969	10 537	141	291	3 375	561	177	159	204	949	1 305	20
None	37 695	34 841	992	1 862	25 701	14 697	2 265	2 289	2 846	1 504	1 542	558
AUTOMOBILES AVAILABLE												
1	36 261	33 055	988	2 218	20 673	10 362	1 880	1 759	1 478	2 168	2 461	565
2	35 243	33 465	586	1 192	8 347	5 141	583	541	447	795	718	122
3 or more	6 181	5 935	81	165	8 347	5 141	583	541	447	795	718	122
None	8 807	8 061	340	406	10 402	3 935	984	995	1 741	1 055	1 416	174

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 -----	86 492	2 136	11 444	14 824	29 282	9 634	2 039	603	4 983	2 247	4 477	4 823
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities -----	81 324	2 014	11 028	14 336	27 984	8 781	1 876	501	4 589	1 956	4 162	4 097
0.50 or less -----	45 480	913	3 100	3 426	17 126	7 405	878	361	2 614	1 437	4 140	4 080
0.51 to 1.00 -----	32 146	1 060	7 187	9 426	9 942	1 288	831	131	1 764	478	22	17
1.01 to 1.50 -----	3 060	37	630	1 262	739	65	123	9	169	26	-	-
1.51 or more -----	638	4	111	222	177	23	44	-	42	15	-	-
Lacking some or all plumbing facilities -----	5 168	122	416	488	1 298	853	163	102	394	291	315	726
0.50 or less -----	2 339	44	9	50	324	487	44	56	106	182	315	722
0.51 to 1.00 -----	1 851	62	217	181	639	300	100	42	201	105	-	4
1.01 to 1.50 -----	656	16	141	152	243	30	14	-	52	4	-	-
1.51 or more -----	322	-	49	105	92	36	5	-	35	-	-	-
UNITS IN STRUCTURE												
1 -----	80 402	1 285	10 218	14 320	28 266	9 186	1 874	565	4 551	2 082	3 790	4 265
2 or more -----	2 098	64	135	155	498	302	64	33	197	123	186	341
Mobile home or trailer -----	3 992	787	1 091	349	518	146	101	5	235	42	501	217
INCOME IN 1969												
Less than \$2,000 -----	9 563	53	113	175	991	1 766	143	118	861	643	1 405	3 295
\$2,000 to \$2,999 -----	4 684	38	85	139	757	1 576	67	85	493	339	487	618
\$3,000 to \$3,999 -----	4 803	179	279	221	932	1 394	71	86	558	204	562	317
\$4,000 to \$4,999 -----	4 531	210	394	342	1 121	914	130	72	595	151	426	176
\$5,000 to \$5,999 -----	5 444	260	720	601	1 474	699	220	30	490	189	282	79
\$6,000 to \$6,999 -----	5 382	203	963	896	1 685	573	164	33	419	103	291	52
\$7,000 to \$9,999 -----	18 732	706	3 639	3 775	6 983	1 075	438	94	848	371	666	137
\$10,000 to \$14,999 -----	20 297	376	3 907	5 130	8 493	921	483	54	489	145	227	72
\$15,000 to \$24,999 -----	10 347	96	1 086	2 869	5 186	475	241	26	179	55	87	47
\$25,000 or more -----	3 109	15	258	676	1 660	241	82	5	51	47	44	30
Median -----	\$8 500	\$7 500	\$9 600	\$11 200	\$10 400	\$4 100	\$8 500	\$4 200	\$5 000	\$3 700	\$3 600	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹ -----	72 955	1 254	9 818	13 610	25 405	7 618	1 666	470	4 159	1 817	3 456	3 682
Less than 1.5 -----	33 589	671	4 672	7 344	14 827	2 214	824	159	1 361	568	767	182
1.5 to 1.9 -----	13 399	272	2 361	3 068	4 713	1 067	349	69	599	252	465	184
2.0 to 2.4 -----	7 543	113	1 394	1 499	2 361	864	142	75	508	132	264	191
2.5 to 2.9 -----	4 630	60	717	795	1 186	662	109	41	350	160	330	220
3.0 to 3.9 -----	4 667	48	449	508	1 219	922	84	47	449	155	403	373
4.0 or more -----	8 389	57	225	376	999	1 851	138	79	773	516	995	2 380
Not computed -----	738	23	-	20	100	38	20	-	119	34	232	152
Renter occupied housing units -----	40 345	5 198	7 678	3 456	5 086	1 640	2 027	200	4 900	766	6 113	3 281
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities -----	36 049	4 879	6 948	3 008	4 400	1 390	1 922	152	4 509	631	5 444	2 766
0.50 or less -----	15 426	1 374	1 540	433	1 581	692	638	78	1 240	360	5 008	2 482
0.51 to 1.00 -----	17 132	3 241	4 519	1 844	2 209	624	1 109	64	2 580	222	436	284
1.01 to 1.50 -----	2 727	221	744	578	456	47	120	10	516	35	-	-
1.51 or more -----	764	43	145	153	154	27	55	-	173	14	-	-
Lacking some or all plumbing facilities -----	4 296	319	730	448	686	250	105	48	391	135	669	515
0.50 or less -----	1 201	33	32	22	166	144	27	6	53	60	306	352
0.51 to 1.00 -----	2 020	228	350	157	330	70	44	31	216	68	363	163
1.01 to 1.50 -----	647	33	192	149	129	13	23	6	95	7	-	-
1.51 or more -----	428	25	156	120	61	23	11	5	27	-	-	-
UNITS IN STRUCTURE												
1 -----	20 100	2 193	4 846	2 665	3 758	1 035	744	155	2 192	401	1 292	819
2 to 4 -----	6 946	1 187	1 153	329	591	222	361	9	993	110	1 329	662
5 to 19 -----	7 691	895	1 045	264	413	217	587	31	1 301	175	1 979	784
20 or more -----	4 725	680	486	120	278	166	284	5	317	68	1 358	963
Mobile home or trailer -----	883	243	148	78	46	-	51	-	97	12	155	53
GROSS RENT												
Specified renter occupied ² -----	38 565	5 020	7 243	3 237	4 578	1 521	2 001	178	4 790	749	6 043	3 205
Less than \$50 -----	6 415	353	623	320	589	381	144	40	1 213	239	1 137	1 376
\$50 to \$59 -----	3 034	354	434	197	342	164	128	25	442	81	594	273
\$60 to \$69 -----	3 703	446	537	260	461	139	151	20	525	57	824	283
\$70 to \$79 -----	3 518	556	596	354	550	141	148	18	351	81	552	171
\$80 to \$99 -----	7 099	1 379	1 522	618	870	189	289	20	800	107	1 019	286
\$100 to \$119 -----	5 169	1 031	1 307	429	460	110	391	14	522	56	674	175
\$120 to \$149 -----	3 870	513	925	350	387	89	363	12	475	6	627	123
\$150 to \$199 -----	2 258	129	748	263	278	62	247	-	219	23	209	80
\$200 to \$299 -----	547	15	91	89	112	56	57	-	32	5	46	44
\$300 or more -----	31	-	4	4	18	-	5	-	-	-	-	-
No cash rent -----	2 921	244	456	353	511	190	78	29	211	94	361	394
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ² -----	38 565	5 020	7 243	3 237	4 578	1 521	2 001	178	4 790	749	6 043	3 205
Less than \$5,000 -----	19 787	2 336	1 615	840	1 524	1 058	1 247	141	3 557	602	3 974	2 893
Less than 20 percent -----	3 015	323	454	245	379	173	125	5	539	88	489	195
20 to 24 percent -----	2 233	340	216	123	212	131	87	13	434	70	420	187
25 to 34 percent -----	3 846	605	383	176	327	269	123	28	657	124	696	458
35 percent or more -----	8 275	860	388	221	444	322	758	58	1 617	241	1 757	1 609
Not computed -----	2 418	208	174	75	162	163	154	37	310	79	612	444
\$5,000 to \$9,999 -----	12 690	2 267	3 562	1 445	1 672	295	511	28	1 004	124	1 570	212
Less than 20 percent -----	8 762	1 621	2 466	928	1 199	216	307	20	630	99	1 143	133
20 to 24 percent -----	1 791	345	517	197	41	22	97	-	193	4	188	47
25 to 34 percent -----	1 031	168	106	55	181	55	36	59	106	6	168	21
35 percent or more -----	137	40	28	15	-	-	22	-	7	-	16	-
Not computed -----	969	93	245	199	237	12	26	8	68	15	55	11
\$10,000 to \$14,999 -----	4 305	382	1 616	648	826	88	160	5	183	23	302	72
Less than 20 percent -----	3 866	356	1 493	561	719	63	132	5	172	23	286	56
20 to 24 percent -----	164	16	48	13	29	5	12	-	9	-	16	16
25 percent or more -----	25	-	10	-	-	-	5	-	-	-	-	-
Not computed -----	250	10	65	74	78	10	11	-	2	-	-	-
\$15,000 or more -----	1 783	35	450	304	556	80	83	4	46	-	197	28
Less than 20 percent -----	1 660	35	439	272	492	69	83	4	41	-	197	28
20 to 24 percent -----	9	-	9	-	-	-	-	-	-	-	-	-
25 percent or more -----	-	-	-	-	-	-	-	-	-	-	-	-
Not computed -----	114	-	11	23	64	11	-	-	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-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 -----	86 492	9 300	28 217	17 655	15 695	8 579	4 164	1 826	1 056	2.8
BEDROOMS										
None and 1 -----	2 915	1 070	1 394	240	83	39	19	49	21	1.8
2 -----	31 817	5 273	14 253	6 260	3 622	1 411	661	171	166	2.2
3 -----	40 182	2 449	10 499	9 580	9 445	4 958	1 867	905	479	3.2
4 or more -----	11 582	566	2 424	1 910	2 287	2 098	1 181	689	427	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	2 702	158	695	741	606	309	109	45	39	3.2
1965 to 1968 -----	10 747	557	2 518	2 468	2 884	1 432	603	189	96	3.4
1960 to 1964 -----	12 035	593	2 950	2 654	2 995	1 653	790	272	128	3.4
1950 to 1959 -----	22 475	1 735	6 795	5 045	4 456	2 538	1 054	521	331	3.0
1940 to 1949 -----	16 881	2 248	6 513	3 188	2 445	1 318	687	305	177	2.5
1939 or earlier -----	21 652	4 009	8 746	3 559	2 309	1 329	921	494	285	2.3
UNITS IN STRUCTURE										
1 -----	80 402	8 055	26 128	16 300	14 792	8 289	4 043	1 770	1 025	2.9
2 or more -----	2 098	527	826	343	223	84	72	9	14	2.1
Mobile home or trailer -----	3 992	718	1 263	1 012	680	206	49	47	17	2.5
COMPLETE BATHROOMS										
1 and 1 1/2 -----	59 493	7 298	20 937	12 270	9 834	4 979	2 482	1 113	580	2.6
2 and 2 1/2 -----	17 360	888	4 770	3 656	4 140	2 339	1 022	307	238	3.3
3 or more -----	4 061	143	802	744	1 031	748	403	147	43	3.8
None or also used by another household -----	5 578	993	1 599	855	807	558	328	270	168	2.7
HOUSEHOLD COMPOSITION										
Two-or-more-person households -----	77 192	...	28 217	17 655	15 695	8 579	4 164	1 826	1 056	3.1
Male head, wife present, no nonrelatives -----	67 320	...	23 593	15 198	14 235	7 916	3 861	1 589	928	3.2
Under 25 years -----	2 136	...	877	773	366	69	43	4	4	2.8
25 to 34 years -----	11 444	...	1 452	2 909	4 217	1 890	636	228	112	3.8
35 to 44 years -----	14 824	...	1 347	2 352	4 503	3 520	1 920	732	450	4.3
45 to 64 years -----	29 282	...	12 523	7 655	4 760	2 270	1 138	602	334	2.8
65 years and over -----	9 634	...	7 394	1 509	389	167	124	23	28	2.2
Other male head -----	2 642	...	969	786	402	208	156	70	51	2.9
Under 65 years -----	2 039	...	619	636	331	189	152	66	46	3.1
65 years and over -----	603	...	350	150	71	19	4	4	5	2.4
Female head -----	7 230	...	3 655	1 671	1 058	455	147	167	77	2.5
Under 65 years -----	4 983	...	2 215	1 251	829	351	120	150	67	2.7
65 years and over -----	2 247	...	1 440	420	229	104	27	17	10	2.3
One-person households -----	9 300	9 300	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹ -----	72 955	7 138	23 268	14 792	13 716	7 753	3 742	1 585	961	2.9
Less than 1.5 -----	33 589	949	9 714	7 884	7 210	4 108	2 057	1 037	630	3.3
1.5 to 1.9 -----	13 399	649	3 971	2 933	2 981	1 711	775	248	131	3.2
2.0 to 2.4 -----	7 543	455	2 487	1 590	1 560	870	408	105	68	3.0
2.5 to 2.9 -----	4 630	550	1 623	810	928	447	163	78	31	2.7
3.0 to 3.9 -----	4 667	776	1 989	737	547	342	182	49	45	2.3
4.0 or more -----	8 389	3 375	3 294	775	451	246	144	52	52	1.7
Not computed -----	738	384	190	63	39	29	13	16	4	1.5
Renter occupied housing units -----	40 345	9 394	11 877	7 382	5 376	3 056	1 575	948	737	2.4
BEDROOMS										
None -----	1 481	1 317	122	23	19	-	-	-	-	1.1
1 -----	11 648	5 289	4 591	1 209	234	153	87	62	23	1.6
2 -----	18 718	2 538	5 762	4 517	3 200	1 282	684	393	342	2.7
3 or more -----	8 443	217	992	1 327	2 228	1 615	960	475	629	4.3
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	2 171	861	625	356	205	57	51	12	4	1.9
1965 to 1968 -----	5 293	1 121	2 341	991	434	219	107	46	34	2.2
1960 to 1964 -----	3 351	839	1 073	649	439	191	61	30	20	2.3
1950 to 1959 -----	6 802	1 034	1 880	1 425	1 156	703	285	167	152	2.8
1940 to 1949 -----	8 006	1 760	2 068	1 574	1 276	648	355	176	149	2.6
1939 or earlier -----	14 722	3 779	3 890	2 387	1 866	1 238	708	486	368	2.4
UNITS IN STRUCTURE										
1 -----	20 100	2 111	4 883	4 234	3 848	2 348	1 293	774	609	3.2
2 -----	3 616	865	1 154	785	463	175	99	62	13	2.3
3 and 4 -----	3 330	1 126	1 137	510	270	137	39	52	59	2.0
5 to 9 -----	3 679	1 277	1 024	538	388	260	114	43	35	2.0
10 to 19 -----	4 012	1 486	1 529	686	241	49	8	8	4	1.8
20 or more -----	4 725	2 321	1 811	438	104	37	10	9	4	1.5
Mobile home or trailer -----	883	208	339	191	62	50	11	9	13	2.2
COMPLETE BATHROOMS										
1 and 1 1/2 -----	34 058	7 938	10 667	6 512	4 272	2 381	1 163	687	438	2.4
2 or more -----	1 737	172	421	358	385	195	78	36	36	3.3
None or also used by another household -----	4 550	1 244	945	633	565	495	282	208	178	2.6
HOUSEHOLD COMPOSITION										
Two-or-more-person households -----	30 951	...	11 877	7 382	5 376	3 056	1 575	948	737	3.0
Male head, wife present, no nonrelatives -----	23 058	...	8 081	5 705	4 268	2 435	1 264	732	573	3.1
Under 25 years -----	5 198	...	2 615	1 861	495	121	50	42	14	2.5
25 to 34 years -----	7 678	...	1 919	1 907	2 056	1 036	470	170	120	3.5
35 to 44 years -----	3 456	...	479	480	811	725	437	275	249	4.4
45 to 64 years -----	5 086	...	1 962	1 169	776	503	280	221	175	3.0
65 years and over -----	1 640	...	1 106	288	130	50	27	24	15	2.2
Other male head -----	2 227	...	1 368	434	186	103	57	46	33	2.3
Under 65 years -----	2 027	...	1 239	395	165	103	57	46	22	2.3
65 years and over -----	200	...	129	39	21	-	-	-	11	2.3
Female head -----	5 666	...	2 428	1 243	922	518	254	170	131	2.8
Under 65 years -----	4 900	...	1 884	1 133	848	504	240	160	131	3.0
65 years and over -----	766	...	544	110	74	14	14	10	-	2.2
One-person households -----	9 394	9 394	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied² -----	38 565	9 248	11 450	7 041	5 029	2 789	1 461	863	684	2.4
Less than 10 percent -----	4 186	648	1 300	744	652	373	212	133	124	2.7
10 to 14 percent -----	6 676	820	1 895	1 602	1 206	552	284	176	141	2.9
15 to 19 percent -----	6 441	1 059	1 827	1 320	991	563	327	197	157	2.8
20 to 24 percent -----	4 197	874	1 360	738	645	276	182	68	54	2.4
25 to 34 percent -----	4 898	1 343	1 497	854	549	342	173	77	63	2.2
35 percent or more -----	8 416	3 382	2 593	1 202	500	363	171	142	63	1.8
Not computed -----	3 751	1 122	978	581	486	320	112	70	82	2.3

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

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

Table A-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	1 179	472	377	330	Vacant for rent	3 737	2 284	985	468
ROOMS					ROOMS				
1 to 3 rooms	33	3	14	16	1 room	212	189	17	6
4 rooms	167	44	58	65	2 rooms	300	224	38	38
5 rooms	378	155	125	98	3 rooms	1 161	717	353	91
6 rooms	337	142	117	78	4 rooms	1 177	716	298	163
7 rooms or more	264	128	63	73	5 rooms	556	279	168	109
					6 rooms	244	118	90	36
					7 rooms or more	87	41	21	25
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	1 056	447	329	280	With all plumbing facilities	3 169	2 010	823	336
Lacking some or all plumbing facilities	123	25	48	50	Lacking some or all plumbing facilities	568	274	162	132
BEDROOMS					BEDROOMS				
None and 1	51	-	36	15	None	113	113	-	-
2	467	141	129	197	1	1 375	948	232	195
3	669	375	201	93	2	1 738	916	559	263
4 or more	180	47	47	86	3 or more	527	272	177	78
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	283	186	54	43	1969 to March 1970	555	325	226	4
1960 to 1968	202	92	68	42	1960 to 1968	553	410	69	74
1950 to 1959	188	79	84	25	1950 to 1959	450	261	97	92
1949 or earlier	506	115	171	220	1949 or earlier	2 179	1 288	593	298
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	1 158	469	377	312	1	1 434	626	491	317
2 or more	21	3	-	18	2 to 4	690	450	184	56
					5 to 9	520	350	127	43
					10 to 19	454	377	55	22
					20 or more	639	481	128	30
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	34	3	-	31	Specified vacant for rent²	3 600	2 224	946	430
Warm-air furnace	319	135	97	87	Less than \$50	1 258	555	445	258
Built-in electric units	459	259	121	79	\$50 to \$59	467	284	124	59
Floor, wall, or pipeless furnace	35	13	17	5	\$60 to \$79	662	461	148	53
Other means	332	62	142	128	\$80 to \$99	417	334	59	24
None	-	-	-	-	\$100 to \$119	273	212	47	14
					\$120 to \$149	240	217	16	7
					\$150 to \$199	154	115	29	10
					\$200 or more	129	46	78	5
					Median rent asked	\$62	\$72	\$52	\$46
SALES PRICE ASKED									
Specified vacant for sale¹	1 095	453	357	285					
Less than \$5,000	143	24	69	50					
\$5,000 to \$9,999	266	79	95	92					
\$10,000 to \$14,999	196	98	47	51					
\$15,000 to \$19,999	187	98	36	53					
\$20,000 to \$24,999	134	59	54	21					
\$25,000 to \$34,999	121	77	34	10					
\$35,000 to \$49,999	44	14	22	8					
\$50,000 or more	4	4	-	-					
Median price asked	\$13 500	\$16 300	\$11 500	\$10 000					

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	1 095	409	196	187	134	121	48	3 600	1 725	662	417	513	154	129
PLUMBING FACILITIES														
With all plumbing facilities	1 099	353	233	221	149	111	32	3 121	1 237	559	441	491	219	174
Lacking some or all plumbing facilities	120	105	-	15	-	-	-	507	436	49	-	22	-	-
BEDROOMS														
None and 1	15	15	-	-	-	-	-	1 467	589	357	212	148	48	113
2	391	296	95	-	-	-	-	1 656	919	174	153	194	155	61
3	653	147	105	221	149	31	-	408	149	77	22	160	-	-
4 or more	160	-	33	15	-	80	32	97	16	-	54	11	16	-
YEAR STRUCTURE BUILT														
1969 to March 1970	270	5	28	65	54	88	30	555	126	35	78	129	67	120
1960 to 1968	185	50	28	49	37	17	4	534	136	82	114	132	65	5
1950 to 1959	175	62	53	31	20	-	9	440	209	71	48	102	10	-
1949 or earlier	465	292	87	42	23	16	5	2 071	1 254	474	177	150	12	4
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	1 297	849	212	83	139	14	-
2 to 4	...	...	...	...	...	...	...	690	308	242	74	59	4	3
5 to 19	...	...	...	...	...	...	...	974	397	127	182	183	59	26
20 or more	...	...	...	...	...	...	...	639	171	81	78	132	77	100
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	939	548	187	92	75	23	14
Some or no utilities included	...	...	...	...	...	...	...	2 661	1 177	475	325	438	131	115

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	3 746	478	935	881	642	277	306	143	58	26	-	8 800
ROOMS												
1 and 2 rooms	25	10	10	-	5	-	-	-	-	-	-	...
3 rooms	105	56	32	11	6	-	-	-	-	-	-	5000-
4 rooms	798	204	275	191	117	5	6	-	-	-	-	6 800
5 rooms	1 313	135	352	374	231	106	78	26	7	4	-	8 600
6 rooms	910	53	187	184	171	103	153	49	10	-	-	10 500
7 rooms	336	13	42	87	67	42	34	25	21	5	-	11 000
8 rooms or more	259	7	37	34	45	21	35	43	20	17	-	13 300
Median	5.2	4.3	4.9	5.1	5.3	5.8	6.0	6.4	...	...	-	...
PERSONS												
1 person	512	128	122	129	63	45	25	-	-	-	-	7 600
2 persons	1 077	144	300	254	181	60	65	47	22	4	-	8 400
3 persons	761	63	223	170	104	73	79	27	15	7	-	8 900
4 persons	507	63	121	101	117	41	32	27	5	-	-	9 200
5 persons	327	9	65	98	76	29	33	10	7	-	-	9 800
6 persons or more	562	71	104	129	101	29	72	32	9	15	-	9 600
Median	2.9	2.3	2.7	2.8	3.2	3.0	3.3	3.4	...	...	-	...
Units with roomers, boarders, or lodgers	208	21	48	60	38	21	20	-	-	-	-	9 000
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 522	336	875	865	642	271	306	143	58	26	-	9 100
0.50 or less	1 765	192	441	436	289	144	133	77	42	11	-	8 900
0.51 to 1.00	1 343	96	351	335	273	98	111	48	16	15	-	9 200
1.01 to 1.50	311	36	74	85	65	14	28	9	-	-	-	8 800
1.51 or more	103	12	9	9	15	15	34	9	-	-	-	13 600
Lacking some or all plumbing facilities	224	142	60	16	-	6	-	-	-	-	-	5000-
0.50 or less	124	91	21	6	-	6	-	-	-	-	-	5000-
0.51 to 1.00	75	34	35	6	-	-	-	-	-	-	-	...
1.01 to 1.50	12	8	-	4	-	-	-	-	-	-	-	...
1.51 or more	13	9	4	-	-	-	-	-	-	-	-	...
BEDROOMS												
None and 1	286	111	119	16	40	-	-	-	-	-	-	...
2	1 745	276	486	477	301	106	58	19	22	-	-	8 100
3	1 331	130	270	386	172	99	157	74	22	21	-	9 200
4 or more	404	38	166	86	39	55	20	-	-	-	-	7 500
YEAR STRUCTURE BUILT												
1969 to March 1970	29	-	-	5	-	-	19	-	5	-	-	...
1965 to 1968	162	10	32	19	14	12	31	15	8	21	-	13 800
1960 to 1964	331	12	49	67	41	35	67	42	18	-	-	12 300
1950 to 1959	835	24	124	256	210	71	90	44	11	5	-	10 200
1940 to 1949	913	75	230	244	215	63	47	32	7	-	-	9 100
1939 or earlier	1 476	357	500	290	162	96	52	10	9	-	-	6 900
COMPLETE BATHROOMS												
1 and 1 1/2	3 087	323	832	746	582	245	235	93	31	-	-	8 800
2 and 2 1/2	398	12	45	50	85	21	69	64	34	18	-	13 300
3 or more	22	-	-	-	-	-	14	-	-	8	-	...
None or also used by another household	256	138	54	38	-	8	18	-	-	-	-	5000-
HOUSEHOLD COMPOSITION												
Two-or-more-person households	3 234	350	813	752	579	232	281	143	58	26	-	9 000
Male head, wife present, no nonrelatives	2 340	195	552	563	416	173	246	131	47	17	-	9 400
Under 25 years	65	5	10	24	13	6	7	-	-	-	-	...
25 to 34 years	401	6	48	70	34	15	43	39	-	-	-	10 300
35 to 44 years	401	8	63	103	75	52	62	20	18	-	-	10 900
45 to 64 years	1 265	116	324	277	234	91	128	56	29	10	-	9 200
65 years and over	354	60	107	89	60	9	6	16	-	7	-	7 800
Other male head	203	43	75	41	18	12	9	5	-	-	-	7 000
Under 65 years	164	28	59	33	18	12	9	5	-	-	-	7 300
65 years and over	39	15	16	8	-	-	-	-	-	-	-	...
Female head	691	112	186	148	145	47	26	7	11	9	-	8 300
Under 65 years	480	76	117	95	113	42	21	7	9	-	-	8 700
65 years and over	211	36	69	53	32	5	5	-	11	-	-	7 500
One-person households	512	128	122	129	63	45	25	-	-	-	-	7 600
Under 65 years	278	46	72	80	45	30	5	-	-	-	-	8 200
65 years and over	234	82	50	49	18	15	20	-	-	-	-	6 800
INCOME IN 1969												
Less than \$2,000	695	185	167	164	97	39	27	12	4	-	-	7 400
\$2,000 to \$2,999	312	64	88	81	61	10	6	-	-	-	-	7 600
\$3,000 to \$3,999	307	60	129	73	24	7	4	5	-	5	-	6 800
\$4,000 to \$4,999	260	15	105	71	36	15	12	6	-	-	-	7 900
\$5,000 to \$5,999	333	46	98	83	41	28	20	10	7	-	-	8 200
\$6,000 to \$6,999	304	14	60	83	69	37	41	-	-	-	-	9 800
\$7,000 to \$9,999	726	68	163	147	148	64	92	32	8	-	-	9 700
\$10,000 to \$14,999	607	24	111	149	144	63	50	44	5	17	-	10 300
\$15,000 to \$24,999	187	-	9	26	22	14	54	28	34	-	-	16 300
\$25,000 or more	15	-	5	4	-	-	-	6	-	-	-	...
Median	\$5 900	\$2 800	\$4 800	\$5 600	\$6 900	\$7 100	\$8 400	\$10 700	...	...	-	...
YEAR MOVED INTO UNIT												
1969 to March 1970	258	6	50	44	12	30	82	27	7	-	-	13 900
1968	186	8	28	65	25	21	15	8	16	-	-	9 700
1967	152	13	39	21	24	-	35	16	-	4	-	10 300
1965 and 1966	635	16	82	152	158	69	93	33	10	22	-	11 100
1960 to 1964	743	60	165	183	178	70	29	44	14	-	-	9 500
1950 to 1959	998	162	267	264	168	27	68	29	13	-	-	8 200
1949 or earlier	791	208	300	105	102	57	14	-	5	-	-	6 600
HEATING EQUIPMENT												
Steam or hot water	94	-	33	13	38	-	5	5	-	-	-	...
Warm-air furnace	811	44	168	206	186	77	49	45	17	19	-	9 800
Built-in electric units	1 158	18	139	336	244	120	205	66	23	7	-	10 900
Floor, wall, or pipeless furnace	192	18	50	43	30	10	5	4	-	-	-	9 700
Other means	1 487	398	545	294	127	50	37	22	14	-	-	6 600
None	4	-	-	-	4	-	-	-	-	-	-	...
AIR CONDITIONING												
Room unit(s)	1 155	46	211	249	243	131	179	59	23	14	-	10 700
Central system	204	12	18	33	15	7	31	52	24	12	-	17 700
None	2 404	415	702	552	409	136	126	46	18	-	-	7 900

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 \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	4 146	1 673	537	515	342	574	266	101	20	-	-	118	56
ROOMS													
1 room	95	74	5	5	-	-	-	-	-	-	-	11	...
2 rooms	83	35	32	12	-	-	-	-	-	-	-	4	...
3 rooms	963	572	146	87	67	36	42	-	-	-	-	13	50-
4 rooms	1 645	616	240	246	131	249	81	44	7	-	-	31	58
5 rooms	899	280	91	137	63	166	96	26	4	-	-	36	64
6 rooms	317	82	19	5	58	79	38	11	9	-	-	16	78
7 rooms	117	14	-	23	23	36	9	5	-	-	-	7	78
8 rooms or more	27	4	-	-	-	8	-	15	-	-	-	-	...
Median	4.1	3.8	3.9	4.1	4.3	4.5	4.6	4.8	...	-	-	4.5	...
PERSONS													
1 person	1 075	539	146	126	67	80	51	9	-	-	-	57	50-
2 persons	933	412	123	89	65	116	61	29	5	-	-	33	53
3 persons	688	260	90	96	63	62	73	21	8	-	-	15	59
4 persons	510	182	69	75	44	98	21	15	-	-	-	6	60
5 persons	372	123	56	44	45	86	11	-	7	-	-	-	62
6 persons or more	568	157	53	85	58	132	49	27	-	-	-	7	68
Median	2.6	2.2	2.5	2.9	3.1	3.8	2.8	3.1	...	-	-	1.6	...
Units with roomers, boarders, or lodgers	177	18	55	32	-	49	9	7	-	-	-	7	64
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	3 839	1 514	464	495	327	570	266	101	20	-	-	82	58
0.50 or less	1 466	606	157	178	116	199	109	42	9	-	-	50	56
0.51 to 1.00	1 718	722	219	228	153	211	117	32	4	-	-	32	56
1.01 to 1.50	519	163	53	56	46	132	40	22	7	-	-	-	68
1.51 or more	136	23	35	33	12	28	23	5	-	-	-	-	63
Lacking some or all plumbing facilities	307	159	73	20	15	4	-	-	-	-	-	36	50-
0.50 or less	143	60	43	11	6	-	-	-	-	-	-	23	50
0.51 to 1.00	131	85	20	9	4	-	-	-	-	-	-	13	50-
1.01 to 1.50	23	9	10	-	-	4	-	-	-	-	-	-	...
1.51 or more	10	5	-	-	5	-	-	-	-	-	-	-	...
BEDROOMS													
None	137	111	-	-	-	-	-	-	-	-	-	26	...
1	1 193	679	160	184	77	55	19	-	-	-	-	19	50-
2	1 664	542	238	196	141	269	136	79	19	-	-	44	62
3 or more	1 102	340	117	85	156	220	94	21	21	-	-	48	68
YEAR STRUCTURE BUILT													
1969 to March 1970	266	140	47	42	5	27	-	5	-	-	-	-	50
1965 to 1968	699	473	50	31	29	50	50	16	-	-	-	-	50-
1960 to 1964	181	75	25	21	28	11	21	-	-	-	-	-	56
1950 to 1959	685	248	102	87	48	111	44	17	-	-	-	28	58
1940 to 1949	766	238	85	94	82	149	80	30	8	-	-	-	66
1939 or earlier	1 549	499	228	240	150	226	71	33	12	-	-	90	60
ELEVATOR IN STRUCTURE													
4 floors or more	38	19	19	-	-	-	-	-	-	-	-	-	...
With elevator	38	19	19	-	-	-	-	-	-	-	-	-	...
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	4 058	1 653	496	465	374	544	249	100	40	-	-	137	56
COMPLETE BATHROOMS													
1 and 1 1/2	3 810	1 544	474	501	312	551	262	87	14	-	-	65	57
2 or more	15	-	-	-	-	11	4	-	-	-	-	-	...
None or also used by another household	329	148	86	21	24	12	-	-	-	-	-	38	50
INCOME IN 1969													
Less than \$2,000	1 622	1 043	204	120	62	70	34	27	7	-	-	55	50-
\$2,000 to \$2,999	561	234	85	63	66	72	23	9	-	-	-	9	55
\$3,000 to \$3,999	509	176	106	85	56	62	12	-	-	-	-	12	57
\$4,000 to \$4,999	396	85	59	91	51	92	13	-	-	-	-	5	66
\$5,000 to \$5,999	302	51	20	32	42	78	51	15	-	-	-	13	80
\$6,000 to \$6,999	213	21	4	41	28	63	36	10	5	-	-	5	83
\$7,000 to \$9,999	392	52	47	63	21	97	60	33	7	-	-	19	81
\$10,000 to \$14,999	122	11	12	20	9	29	30	3	4	-	-	-	89
\$15,000 to \$24,999	24	-	-	-	7	5	-	-	4	-	-	-	...
\$25,000 or more	5	-	-	-	-	7	-	-	-	-	-	-	...
Median	\$2 800	\$2000-	\$2 800	\$3 900	\$3 800	\$4 900	\$6 000	\$6 000	...	-	-	\$2 400	...
YEAR MOVED INTO UNIT													
1969 to March 1970	1 326	491	207	97	127	230	123	43	-	-	-	8	58
1968	701	301	82	109	66	80	49	6	-	-	-	8	56
1967	382	210	38	40	29	46	12	7	-	-	-	-	50-
1965 and 1966	600	286	50	97	26	78	40	20	-	-	-	-	53
1960 to 1964	551	197	84	95	52	59	25	6	9	-	-	24	58
1950 to 1959	335	89	86	52	30	39	11	5	-	-	-	28	58
1949 or earlier	259	118	13	32	6	39	6	5	-	-	-	35	50-
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	295	147	54	45	16	26	7	-	-	-	-	...	50
10 to 14 percent	558	216	49	100	43	105	41	-	4	-	-	...	61
15 to 19 percent	604	171	72	90	63	118	73	29	-	-	-	...	67
20 to 24 percent	566	214	82	70	48	78	64	21	4	-	-	...	58
25 to 34 percent	785	413	76	76	77	89	24	25	5	-	-	...	50
35 percent or more	1 145	476	194	127	83	158	69	31	7	-	-	...	55
Not computed	193	36	10	7	12	5	-	5	-	-	-	118	...
AIR CONDITIONING													
Room unit(s)	342	54	30	42	39	117	42	5	-	-	-	13	80
Central system	73	-	-	10	-	19	33	11	-	-	-	-	...
None	3 739	1 638	530	470	297	438	191	71	14	-	-	90	54

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	4 055	770	348	318	289	369	320	774	665	187	15	5 800
ROOMS												
1 and 2 rooms.....	32	15	—	5	5	—	7	—	—	—	—	2000—
3 rooms.....	125	76	26	5	—	6	—	12	—	—	—	4 700
4 rooms.....	881	204	84	97	78	61	61	204	81	11	—	5 300
5 rooms.....	1 392	281	133	103	137	143	107	223	233	32	—	6 900
6 rooms.....	956	126	71	65	51	84	89	236	170	54	10	8 200
7 rooms or more.....	669	68	34	43	18	75	56	99	181	90	5	—
PERSONS												
1 person.....	596	352	86	44	45	15	13	32	9	—	—	2000—
2 persons.....	1 143	223	104	144	117	134	98	152	110	55	6	4 900
3 and 4 persons.....	1 357	157	108	85	87	157	119	324	265	50	5	6 700
5 persons.....	348	16	—	25	15	19	35	130	86	22	—	8 500
6 persons or more.....	611	22	50	20	25	44	55	136	195	60	4	9 000
Units with roomers, boarders, or lodgers.....	245	79	47	10	5	38	19	25	17	—	5	2 900
BEDROOMS												
Less than 3.....	2 139	555	222	146	288	82	167	421	236	22	—	4 500
3.....	1 422	165	63	78	15	208	156	271	380	67	19	7 300
4 or more.....	492	114	—	—	—	44	86	78	112	38	20	7 100
YEAR STRUCTURE BUILT												
1969 to March 1970.....	33	—	5	—	4	—	9	—	—	15	—	...
1960 to 1968.....	549	67	25	21	22	51	62	135	115	51	—	7 600
1950 to 1959.....	909	106	63	53	66	76	109	185	174	77	—	6 800
1949 or earlier.....	2 564	597	255	244	197	242	140	454	376	44	15	4 900
YEAR MOVED INTO UNIT												
1969 to March 1970.....	276	44	32	13	18	21	35	6	57	50	—	6 300
1968.....	186	13	—	11	21	12	21	56	41	11	—	7 800
1960 to 1967.....	1 643	250	97	137	107	129	127	417	290	89	—	6 800
1959 or earlier.....	1 969	428	250	200	149	213	116	301	257	51	4	4 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine.....	2 405	269	162	165	125	240	210	516	572	127	19	7 200
Clothes dryer.....	972	23	66	41	65	59	109	186	300	104	19	9 000
Dishwasher.....	319	40	—	—	—	20	42	67	105	45	—	...
Home food freezer.....	1 315	176	59	—	102	130	212	218	333	85	—	6 900
Owned second home.....	219	57	—	—	—	—	42	20	83	17	—	...
With air conditioning.....	1 472	134	82	39	88	109	170	354	352	144	—	8 000
Room unit(s).....	1 264	116	66	39	67	94	164	311	286	121	—	7 800
Central system.....	208	18	16	—	21	15	6	43	66	23	—	9 000
Automobiles available:												
1.....	1 882	201	185	122	188	215	163	410	328	66	4	6 200
2.....	878	16	7	45	48	58	79	257	256	112	—	9 200
3 or more.....	113	17	9	7	7	8	19	23	15	8	—	...
Renter occupied housing units	4 177	1 632	577	509	396	307	213	392	122	24	5	2 800
ROOMS												
1 room.....	101	47	22	11	12	4	—	5	—	—	—	2 200
2 rooms.....	83	32	14	18	6	7	6	—	—	—	—	...
3 rooms.....	984	601	133	56	47	40	29	53	25	—	—	2000—
4 rooms.....	1 649	616	224	253	162	116	83	144	39	7	5	2 900
5 rooms.....	899	223	123	131	127	85	54	103	36	17	—	3 800
6 rooms or more.....	461	113	61	40	42	55	41	87	22	—	—	4 400
PERSONS												
1 person.....	1 087	663	140	109	79	18	22	43	6	7	—	2000—
2 persons.....	942	383	151	91	84	97	47	57	32	—	—	2 600
3 and 4 persons.....	1 202	356	137	205	120	107	68	151	42	11	5	3 500
5 persons.....	378	131	52	50	33	30	23	43	10	6	—	3 100
6 persons or more.....	568	99	97	54	80	55	53	98	32	—	—	4 400
Units with roomers, boarders, or lodgers.....	181	77	21	20	21	14	10	18	—	—	—	2 600
BEDROOMS												
None.....	157	66	20	25	25	21	—	—	—	—	—	...
1.....	1 213	685	160	117	120	61	45	25	—	—	—	2000—
2.....	1 664	680	206	194	62	113	128	217	40	24	—	2 700
3 or more.....	1 102	250	160	79	195	85	92	151	90	—	—	4 300
YEAR STRUCTURE BUILT												
1969 to March 1970.....	266	79	50	46	29	10	12	33	7	—	—	3 100
1960 to 1968.....	880	428	106	130	39	57	40	55	20	—	5	2 100
1950 to 1959.....	685	217	128	81	60	53	37	85	17	7	—	3 000
1949 or earlier.....	2 346	908	293	252	268	187	124	219	78	17	—	2 900
YEAR MOVED INTO UNIT												
1969 to March 1970.....	1 332	438	150	160	137	137	107	144	53	—	6	3 500
68.....	701	237	145	116	62	41	12	57	31	—	—	2 800
50 to 1967.....	1 550	626	240	190	157	108	55	137	29	8	—	2 600
49 or earlier.....	599	326	79	69	41	26	11	31	6	10	—	2000—
OSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	4 146	1 622	561	509	396	302	213	392	122	24	5	2 800
Less than 15 percent.....	853	—	36	107	105	98	82	285	111	24	5	7 000
15 to 19 percent.....	604	14	88	112	123	96	87	77	7	—	—	4 700
20 to 24 percent.....	566	143	80	133	102	69	24	11	4	—	—	3 500
25 to 34 percent.....	785	374	197	112	61	26	15	—	—	—	—	2 100
35 percent or more.....	1 145	961	151	33	—	—	—	—	—	—	—	2000—
Not computed.....	193	130	9	12	5	13	5	19	—	—	—	2000—
SELECTED CHARACTERISTICS												
Automatic clothes washing machine.....	1 159	302	174	96	145	64	116	196	66	—	—	4 100
Clothes dryer.....	208	48	17	—	19	17	19	67	21	—	—	...
Dishwasher.....	38	—	—	—	19	—	—	19	—	—	—	...
Home food freezer.....	222	49	28	17	26	35	—	46	21	—	—	...
Owned second home.....	29	—	—	—	—	—	—	—	—	—	—	...
With air conditioning.....	415	62	38	56	16	55	34	99	36	13	6	5 600
Room unit(s).....	342	62	32	49	10	50	18	78	30	13	—	5 400
Central system.....	73	—	6	7	6	5	16	21	6	—	6	...
Automobiles available:												
1.....	1 323	236	156	188	167	166	104	204	83	13	6	4 500
2.....	218	14	22	27	26	20	27	63	19	—	—	6 000
3 or more.....	14	—	8	—	—	—	—	—	6	—	—	...

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 -----	4 055	3 797	1 925	1 409	349	114	258	149	84	12	13
PERSONS											
1 person -----	596	496	496	--	--	--	100	100	--	--	--
2 persons -----	1 143	1 087	1 042	35	--	10	56	44	12	--	--
3 persons -----	814	782	341	441	--	--	32	5	27	--	--
4 persons -----	543	503	41	462	--	--	40	--	35	--	5
5 persons -----	348	343	5	289	49	--	5	--	--	5	--
6 persons or more -----	611	586	--	182	300	104	25	--	10	7	8
Median -----	2.9	2.9	1.9	4.0	6.5	7.5+	2.0	1.2	...	...	...
Units with roomers, boarders, or lodgers -----	245	235	100	111	20	4	10	10	--	--	--
YEAR STRUCTURE BUILT											
1969 to March 1970 -----	44	39	7	12	--	20	5	--	5	--	--
1965 to 1968 -----	171	165	61	74	24	6	6	6	--	--	--
1960 to 1964 -----	366	366	148	159	54	5	--	--	--	--	--
1950 to 1959 -----	904	895	406	346	92	51	9	--	9	--	--
1940 to 1949 -----	994	966	496	381	78	11	28	22	6	--	--
1939 or earlier -----	1 595	1 408	809	453	117	29	187	123	42	5	17
INCOME IN 1969											
Less than \$2,000 -----	770	645	491	133	21	--	125	100	20	--	5
\$2,000 to \$2,999 -----	348	321	208	75	33	5	27	18	5	--	4
\$3,000 to \$3,999 -----	318	286	184	88	9	5	32	15	17	--	--
\$4,000 to \$4,999 -----	289	275	163	77	30	5	14	5	9	--	--
\$5,000 to \$5,999 -----	369	358	210	112	29	7	11	5	6	--	--
\$6,000 to \$6,999 -----	320	312	159	108	30	15	8	--	8	--	--
\$7,000 to \$9,999 -----	774	746	235	403	90	18	28	6	14	4	4
\$10,000 to \$14,999 -----	665	652	190	331	97	34	13	--	5	8	--
\$15,000 to \$24,999 -----	187	187	74	78	10	25	--	--	--	--	--
\$25,000 or more -----	15	15	11	4	--	--	--	--	--	--	--
Median -----	\$5 800	\$6 000	\$4 500	\$7 800	\$7 800	\$10 300	\$2 100	\$2000-	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹ -----	3 746	3 522	1 765	1 343	311	103	224	124	75	12	13
Less than 1.5 -----	1 635	1 544	523	776	187	58	91	26	49	12	4
1.5 to 1.9 -----	600	559	304	192	49	14	41	28	9	--	4
2.0 to 2.4 -----	320	304	181	90	28	5	16	5	11	--	--
2.5 to 2.9 -----	248	248	123	97	12	16	--	--	--	--	--
3.0 to 3.9 -----	231	204	143	40	16	5	27	21	6	--	--
4.0 or more -----	642	598	443	131	19	5	44	39	--	--	5
Not computed -----	70	65	48	17	--	--	5	5	--	--	--
HEATING EQUIPMENT											
Steam or hot water -----	102	102	76	17	4	5	--	--	--	--	--
Warm-air furnace -----	860	849	457	282	82	28	11	--	11	--	--
Built-in electric units -----	1 204	1 194	509	518	109	58	10	6	4	--	--
Floor, wall, or pipeless furnace -----	216	211	123	64	24	--	5	5	--	--	--
Other means -----	1 669	1 437	756	528	130	23	232	138	69	12	13
None -----	4	4	4	--	--	--	--	--	--	--	--
Renter occupied housing units -----	4 177	3 864	1 472	1 731	519	142	313	143	137	23	10
PERSONS											
1 person -----	1 087	914	878	38	--	--	171	108	63	--	--
2 persons -----	942	885	553	332	--	--	57	35	22	--	--
3 persons -----	692	665	41	613	11	--	27	--	27	--	--
4 persons -----	510	480	--	461	14	5	30	--	25	5	--
5 persons -----	378	368	--	204	144	20	10	--	--	10	--
6 persons or more -----	568	550	--	83	350	117	18	--	--	8	10
Median -----	2.6	2.7	1.3	3.3	6.2	7.5+	1.4	1.2	1.8	...	...
Units with roomers, boarders, or lodgers -----	181	172	69	78	25	--	9	4	5	--	--
YEAR STRUCTURE BUILT											
1969 to March 1970 -----	267	267	80	156	31	--	--	--	--	--	--
1965 to 1968 -----	706	706	214	370	122	--	--	--	--	--	--
1960 to 1964 -----	178	178	54	84	40	--	--	--	--	--	--
1950 to 1959 -----	695	695	213	287	166	29	--	--	--	--	--
1940 to 1949 -----	763	712	282	313	81	36	51	23	23	--	5
1939 or earlier -----	1 573	1 322	597	540	141	44	251	124	105	22	--
INCOME IN 1969											
Less than \$2,000 -----	1 632	1 463	740	578	116	29	169	87	62	15	5
\$2,000 to \$2,999 -----	577	529	199	221	76	33	48	16	32	--	--
\$3,000 to \$3,999 -----	509	457	131	261	60	5	52	30	22	--	--
\$4,000 to \$4,999 -----	396	385	142	143	86	14	11	--	6	--	5
\$5,000 to \$5,999 -----	307	299	83	142	65	9	8	4	4	--	--
\$6,000 to \$6,999 -----	213	209	56	106	25	22	4	--	--	4	--
\$7,000 to \$9,999 -----	392	371	83	195	72	21	21	6	11	4	--
\$10,000 to \$14,999 -----	122	122	31	63	19	9	--	--	--	--	--
\$15,000 to \$24,999 -----	24	24	7	17	--	--	--	--	--	--	--
\$25,000 or more -----	5	5	--	5	--	--	--	--	--	--	--
Median -----	\$2 800	\$2 900	\$2 000	\$3 300	\$4 100	\$4 300	\$2000-	\$2000-	\$2 200	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ² -----	4 146	3 839	1 466	1 718	519	136	307	143	131	23	10
Less than 10 percent -----	295	258	41	154	39	24	37	7	21	4	5
10 to 14 percent -----	558	526	115	277	112	22	32	10	22	--	--
15 to 19 percent -----	604	589	170	288	97	34	15	5	6	4	--
20 to 24 percent -----	566	529	154	286	79	10	37	23	14	--	--
25 to 34 percent -----	785	752	324	304	105	19	33	11	22	--	--
35 percent or more -----	1 145	1 044	581	359	82	22	101	53	28	15	5
Not computed -----	193	141	81	50	5	5	52	34	18	--	--
HEATING EQUIPMENT											
Steam or hot water -----	151	139	64	56	--	19	12	--	12	--	--
Warm-air furnace -----	407	395	148	168	64	15	12	7	5	--	--
Built-in electric units -----	1 063	1 053	347	550	151	5	10	--	10	--	--
Floor, wall, or pipeless furnace -----	187	182	71	74	37	--	5	5	--	--	--
Other means -----	2 362	2 088	842	876	267	103	274	131	110	23	10
None -----	7	7	--	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-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	4 055	10	22	125	881	1 392	956	370	299	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	3 791	13	7	64	793	1 335	931	345	303	5.3
PERSONS										
1 person	596	—	10	60	198	196	104	—	—	—
2 persons	1 143	10	—	47	358	401	192	25	3	4.7
3 persons	814	—	—	6	140	322	180	72	63	4.9
4 persons	543	—	5	—	98	207	162	88	78	5.3
5 persons	348	—	—	—	54	72	140	30	41	5.3
6 persons or more	611	—	7	12	33	194	178	67	15	5.8
Median	2.9	...	...	1.6	2.2	2.8	3.5	3.5	3.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	3 797	10	7	75	786	1 333	932	355	299	5.3
0.50 or less	1 925	—	—	26	497	580	462	170	190	5.3
0.51 to 1.00	1 409	—	—	41	211	566	353	158	80	5.3
1.01 to 1.50	349	—	—	—	70	168	83	19	9	5.1
1.51 or more	114	10	7	8	8	19	34	8	20	5.6
Lacking some or all plumbing facilities	258	—	15	50	95	59	24	15	—	4.2
0.50 or less	149	—	10	34	59	17	14	15	—	4.0
0.51 to 1.00	84	—	—	12	27	35	10	—	—	...
1.01 to 1.50	12	—	—	—	5	7	—	—	—	...
1.51 or more	13	—	5	4	4	—	—	—	—	...
BEDROOMS										
None and 1	302	—	23	181	41	41	—	16	—	...
2	1 837	—	—	—	781	866	171	—	19	4.7
3	1 422	—	—	—	24	515	621	161	101	5.8
4 or more	492	—	—	—	—	19	141	162	170	7.0
YEAR STRUCTURE BUILT										
1969 to March 1970	33	—	—	—	4	5	9	—	15	...
1960 to 1968	549	—	—	5	68	226	143	55	52	5.4
1950 to 1959	909	—	7	19	197	347	190	92	57	5.2
1949 or earlier	2 564	10	15	101	612	814	614	223	175	5.2
COMPLETE BATHROOMS										
1 and 1 1/2	3 339	13	—	64	793	1 284	814	270	101	5.1
2 or more	452	—	7	—	—	51	117	75	202	7.2
None or also used by another household	283	—	12	45	107	55	35	29	—	4.3
VALUE-INCOME RATIO										
Specified owner occupied¹	3 746	10	15	105	798	1 313	910	336	259	5.2
Less than 1.5	1 635	—	—	14	389	539	424	151	118	5.3
1.5 to 1.9	600	5	—	11	102	243	150	74	15	5.2
2.0 to 2.9	568	—	—	20	115	171	150	64	48	5.4
3.0 or more	873	5	15	55	168	337	168	47	78	5.1
Not computed	70	—	—	5	24	23	18	—	—	...
Renter occupied housing units	4 177	101	83	984	1 649	899	317	117	27	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	3 835	43	62	925	1 500	843	305	129	28	4.1
PERSONS										
1 person	1 087	101	52	497	308	108	15	6	—	3.3
2 persons	942	—	10	344	388	148	40	7	5	3.8
3 persons	692	—	11	95	447	98	32	5	4	4.0
4 persons	510	—	5	19	277	184	19	6	—	4.3
5 persons	378	—	5	15	154	152	38	14	—	4.6
6 persons or more	568	—	—	14	75	209	173	79	18	5.4
Median	2.6	1.0	...	1.5	2.8	4.0	6.0	6.6	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	3 864	38	58	925	1 521	870	308	117	27	4.1
0.50 or less	1 472	—	27	469	621	241	87	18	9	3.9
0.51 to 1.00	1 731	38	10	413	681	429	86	62	12	4.1
1.01 to 1.50	519	—	11	14	177	163	116	32	6	4.9
1.51 or more	142	—	10	29	42	37	19	5	—	4.3
Lacking some or all plumbing facilities	313	63	25	59	128	29	9	—	—	3.6
0.50 or less	143	—	25	28	75	15	—	—	—	3.7
0.51 to 1.00	137	63	—	26	43	5	—	—	—	2.7
1.01 to 1.50	23	—	—	5	10	4	—	—	—	...
1.51 or more	10	—	—	—	—	5	—	—	—	...
BEDROOMS										
None	157	116	—	41	—	—	—	—	—	...
1	1 213	—	84	852	257	—	—	20	—	3.1
2	1 664	—	—	39	1 151	388	65	21	—	4.2
3 or more	1 102	—	—	—	22	701	300	61	18	5.3
YEAR STRUCTURE BUILT										
1969 to March 1970	266	20	—	17	112	117	—	—	—	4.4
1960 to 1968	880	—	—	331	310	147	63	29	—	3.9
1950 to 1959	685	—	7	93	321	132	83	41	8	4.3
1949 or earlier	2 346	81	76	543	906	503	171	47	19	4.0
COMPLETE BATHROOMS										
1 and 1 1/2	3 838	54	62	932	1 500	839	300	123	28	4.1
2 or more	15	—	—	—	—	4	5	6	—	...
None or also used by another household	329	50	17	71	161	25	5	—	—	3.7
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	4 146	95	83	963	1 645	899	317	117	27	4.1
Less than 10 percent	295	15	—	55	118	78	19	10	—	4.2
10 to 14 percent	558	23	13	82	213	130	67	26	4	4.3
15 to 19 percent	604	5	11	70	241	185	51	27	14	4.4
20 to 24 percent	566	4	12	111	245	149	39	6	—	4.1
25 to 34 percent	785	10	22	257	290	150	40	11	5	3.9
35 percent or more	1 145	27	14	349	482	154	85	30	4	3.9
Not computed	193	11	11	39	56	53	16	7	—	4.1

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

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

Table 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	4 055	3 909	122	24	4 177	1 631	340	426	1 223	484	73	-
ROOMS												
1 room	10	10	-	-	101	13	10	14	22	21	21	-
2 rooms	22	15	7	-	83	20	-	20	22	15	6	-
3 rooms	125	116	9	-	984	221	83	156	277	213	34	-
4 rooms	881	815	47	19	1 649	675	166	97	560	151	-	-
5 rooms	1 392	1 367	20	5	899	437	47	43	276	84	12	-
6 rooms	956	944	12	-	317	179	8	73	57	-	-	-
7 rooms	370	365	5	-	117	63	22	23	9	-	-	-
8 rooms or more	299	277	22	-	27	23	4	-	-	-	-	-
Median	5.2	5.2	4.5	...	4.1	4.3	4.0	3.7	4.0	3.5	...	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 797	3 655	122	20	3 864	1 449	300	400	1 178	470	67	-
0.50 or less	1 925	1 844	81	-	1 472	612	138	151	355	191	25	-
0.51 to 1.00	1 409	1 390	14	5	1 731	542	118	167	627	241	36	-
1.01 to 1.50	349	318	16	15	519	209	35	67	177	25	6	-
1.51 or more	114	103	11	-	142	86	9	15	19	13	-	-
Lacking some or all plumbing facilities	258	254	-	4	313	182	40	26	45	14	6	-
0.50 or less	149	149	-	-	143	89	20	7	18	9	-	-
0.51 to 1.00	84	80	-	4	137	65	20	14	27	5	6	-
1.01 to 1.50	12	12	-	-	23	23	-	-	-	-	-	-
1.51 or more	13	13	-	-	10	5	-	5	-	-	-	-
BEDROOMS												
None	-	-	-	-	157	41	45	-	45	-	26	-
1	302	302	-	-	1 213	365	147	65	308	290	38	-
2	1 837	1 787	50	-	1 664	735	198	111	554	66	-	-
3	1 422	1 396	26	-	825	334	23	50	290	128	-	-
4 or more	492	453	39	-	277	101	-	117	59	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	33	29	-	4	266	30	12	14	63	132	15	-
1965 to 1968	183	168	5	10	699	35	17	46	404	180	17	-
1960 to 1964	366	344	17	5	181	48	5	38	85	5	-	-
1950 to 1959	909	858	51	-	685	207	138	126	184	7	23	-
1940 to 1949	951	943	8	-	776	387	57	80	203	43	6	-
1939 or earlier	1 613	1 567	41	5	1 570	924	111	122	284	117	12	-
INCOME IN 1969												
Less than \$2,000	770	743	27	-	1 632	500	94	174	573	270	21	-
\$2,000 to \$2,999	348	327	16	5	577	232	51	54	163	53	24	-
\$3,000 to \$3,999	318	313	5	-	509	152	43	44	220	50	-	-
\$4,000 to \$4,999	289	266	19	4	396	191	38	41	88	34	4	-
\$5,000 to \$5,999	369	352	17	-	307	151	24	55	63	14	-	-
\$6,000 to \$6,999	320	310	10	-	213	121	7	6	29	38	12	-
\$7,000 to \$9,999	774	760	9	5	392	216	54	21	82	13	6	-
\$10,000 to \$14,999	665	636	19	10	122	58	22	31	-	5	6	-
\$15,000 to \$24,999	187	187	-	-	24	10	7	-	-	7	-	-
\$25,000 or more	15	15	-	-	5	-	-	-	5	-	-	-
Median	\$5 800	\$5 900	\$4 700	...	\$2 800	\$3 500	\$3 600	\$2 700	\$2 200	\$2000-	...	-
YEAR MOVED INTO UNIT												
1969 to March 1970	276	258	13	5	1 332	441	92	138	410	212	39	-
1968	186	186	-	-	701	221	58	94	220	87	21	-
1967	177	152	13	12	399	90	16	44	192	49	8	-
1965 and 1966	673	635	32	6	600	232	51	82	150	85	-	-
1960 to 1964	793	769	24	-	551	254	46	63	151	37	-	-
1950 to 1959	996	964	32	-	312	186	43	30	46	7	-	-
1949 or earlier	973	955	12	6	287	176	7	7	84	13	-	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	4 146	1 600	340	426	1 223	484	73	-
Less than \$50	...	...	...	...	1 673	273	67	160	800	353	20	-
\$50 to \$59	...	...	...	...	537	215	73	42	160	35	12	-
\$60 to \$69	...	...	...	...	515	263	44	78	102	22	6	-
\$70 to \$79	...	...	...	...	342	164	40	46	69	10	13	-
\$80 to \$99	...	...	...	...	574	368	57	70	43	26	10	-
\$100 to \$119	...	...	...	...	266	135	37	20	44	24	6	-
\$120 to \$149	...	...	...	...	101	66	15	10	5	-	-	-
\$150 to \$199	...	...	...	...	20	20	-	-	-	-	-	-
\$200 to \$299	...	...	...	...	-	-	-	-	-	-	-	-
\$300 or more	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent	...	...	...	...	118	96	7	-	-	9	6	-
Median	...	...	...	...	\$56	\$70	\$66	\$61	\$50-	\$50-	...	-
HEATING EQUIPMENT												
Steam or hot water	102	102	-	-	151	40	-	7	27	36	41	-
Warm-air furnace	860	833	17	10	407	168	52	49	87	51	-	-
Built-in electric units	1 204	1 179	21	4	1 063	244	70	72	362	289	26	-
Floor, wall, or pipeless furnace	216	199	12	5	187	48	31	45	63	-	-	-
Other means	1 669	1 592	72	5	2 362	1 131	180	253	684	108	6	-
None	4	4	-	-	7	-	7	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	1 264	1 192	54	18	342	122	53	52	54	27	34	-
Central system	208	204	4	-	73	10	6	-	35	16	6	-
None	2 602	2 523	68	11	3 767	1 468	254	406	1 164	447	28	-
AUTOMOBILES AVAILABLE												
1	1 882	1 782	88	12	1 323	650	118	185	217	119	34	-
2	878	859	7	12	218	109	29	19	33	13	15	-
3 or more	113	113	-	-	14	14	-	-	-	-	-	-
None	1 201	1 165	31	5	2 627	827	166	254	1 003	358	19	-

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	4 055	69	280	411	1 345	390	185	39	511	229	293	303
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 797	65	275	411	1 302	368	172	29	470	209	280	216
0.50 or less	1 925	5	37	106	604	285	58	21	186	127	280	216
0.51 to 1.00	1 409	60	149	208	548	60	74	8	220	82	—	—
1.01 to 1.50	349	—	58	69	125	18	27	—	52	—	—	—
1.51 or more	114	—	31	28	25	5	13	—	12	—	—	—
Lacking some or all plumbing facilities	258	4	5	—	43	22	13	10	41	20	13	87
0.50 or less	149	—	—	—	—	11	5	10	9	14	13	87
0.51 to 1.00	84	4	5	—	31	11	8	—	19	6	—	—
1.01 to 1.50	12	—	—	—	8	—	—	—	4	—	—	—
1.51 or more	13	—	—	—	4	—	—	—	9	—	—	—
UNITS IN STRUCTURE												
1	3 909	65	262	406	1 317	376	169	39	488	229	284	274
2 or more	122	—	13	—	28	9	16	—	18	—	9	29
Mobile home or trailer	24	4	5	5	—	5	—	—	5	—	—	—
INCOME IN 1969												
Less than \$2,000	770	6	—	—	84	51	58	5	121	93	130	222
\$2,000 to \$2,999	348	6	5	9	57	73	6	5	70	31	32	54
\$3,000 to \$3,999	318	—	15	9	71	66	5	11	69	28	39	5
\$4,000 to \$4,999	289	4	20	15	123	26	7	10	34	5	32	13
\$5,000 to \$5,999	369	—	10	38	104	67	39	—	72	24	15	—
\$6,000 to \$6,999	320	—	21	75	125	40	15	—	31	—	13	—
\$7,000 to \$7,999	774	23	103	81	380	26	32	8	58	31	23	9
\$10,000 to \$14,999	665	18	87	120	320	30	23	—	51	7	9	—
\$15,000 to \$24,999	187	12	19	60	81	5	—	—	5	5	—	—
\$25,000 or more	15	—	—	4	—	6	—	—	—	5	—	—
Median	\$5 800	...	\$9 000	\$9 200	\$7 900	\$4 200	\$5 400	...	\$3 900	\$2 700	\$2 500	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied¹	3 746	65	255	401	1 265	354	164	39	480	211	278	234
Less than 1.5	1 635	53	150	248	707	141	61	28	147	67	28	5
1.5 to 1.9	600	—	46	84	219	58	18	6	86	20	45	18
2.0 to 2.4	320	—	38	23	101	47	7	5	54	—	41	4
2.5 to 2.9	248	—	5	41	83	24	21	—	22	32	15	5
3.0 to 3.9	231	—	—	—	56	25	4	—	37	28	46	35
4.0 or more	642	6	16	5	94	59	43	—	118	64	82	155
Not computed	70	6	—	—	5	—	10	—	16	—	21	12
Renter occupied housing units	4 177	270	354	228	386	164	237	92	1 230	129	703	384
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 864	259	340	223	366	147	228	80	1 200	105	586	330
0.50 or less	1 472	42	36	22	85	50	61	30	207	61	553	325
0.51 to 1.00	1 731	181	242	108	188	83	128	50	674	39	33	5
1.01 to 1.50	519	26	52	79	69	9	35	—	244	5	—	—
1.51 or more	142	10	10	14	24	5	4	—	75	—	—	—
Lacking some or all plumbing facilities	313	11	14	5	20	17	9	12	30	24	117	54
0.50 or less	143	—	—	—	6	5	—	—	5	19	60	48
0.51 to 1.00	137	11	—	5	5	12	4	12	20	5	57	6
1.01 to 1.50	23	—	9	—	4	—	5	—	5	—	—	—
1.51 or more	10	—	5	—	5	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	1 631	81	103	141	254	76	132	79	347	46	262	110
2 to 4	766	52	79	32	55	26	53	—	212	—	207	50
5 to 19	1 707	125	172	55	72	56	46	13	667	83	206	212
20 or more	73	12	—	—	5	6	6	—	4	—	28	12
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT												
Specified renter occupied²	4 146	270	349	228	380	164	237	92	1 222	129	691	384
Less than \$50	1 673	75	81	41	78	83	34	25	630	87	272	267
\$50 to \$59	537	32	32	26	16	11	55	17	187	15	107	39
\$60 to \$69	515	36	45	27	43	30	49	12	143	4	93	33
\$70 to \$79	342	42	48	34	67	17	11	6	45	5	49	18
\$80 to \$99	574	51	61	55	114	12	49	10	134	8	80	—
\$100 to \$119	266	30	58	23	29	—	22	—	53	—	44	7
\$120 to \$149	101	4	20	17	12	5	10	—	17	—	9	—
\$150 to \$199	20	—	4	5	4	—	—	—	7	—	—	—
\$200 to \$299	—	—	—	—	—	—	—	—	—	—	—	—
\$300 or more	—	—	—	—	—	—	—	—	—	—	—	—
cash rent	118	—	—	—	17	6	7	15	6	10	37	20
LOSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied²	4 146	270	349	228	380	164	237	92	1 222	129	691	384
Less than \$5,000	3 088	131	115	95	202	159	155	79	1 058	115	601	378
Less than 20 percent	585	41	53	34	32	19	30	—	237	39	77	23
20 to 24 percent	458	31	27	16	43	23	35	13	166	4	80	20
25 to 34 percent	744	38	20	34	64	70	31	17	220	49	137	64
35 percent or more	1 145	21	15	11	58	41	47	35	398	18	254	247
Not computed	156	—	—	—	5	6	12	14	37	5	53	24
\$5,000 to \$9,999	907	108	195	114	148	—	77	13	155	14	77	6
Less than 20 percent	725	93	158	85	113	—	55	5	136	9	65	6
20 to 24 percent	104	15	22	18	18	—	17	—	14	—	—	—
25 to 34 percent	41	—	15	11	5	—	5	—	5	—	—	—
35 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	—	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$14,999	37	—	—	—	—	—	—	—	—	—	—	—
Less than 20 percent	122	18	35	19	25	5	5	8	—	5	12	—
20 to 24 percent	118	18	35	19	21	5	5	—	9	—	6	—
25 percent or more	4	—	—	—	4	—	—	—	9	—	6	—
Not computed	—	—	—	—	—	—	—	—	—	—	—	—
\$15,000 or more	29	13	4	—	—	—	—	—	—	—	—	—
Less than 20 percent	29	13	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	4 055	596	1 143	814	543	348	265	190	156	2.9
BEDROOMS										
None and 1	302	204	82	16	—	—	—	—	—	...
2	1 837	484	634	364	188	119	48	—	—	2.2
3	1 422	66	243	273	386	192	65	135	62	3.8
4 or more	492	41	54	109	22	34	23	128	81	5.1
YEAR STRUCTURE BUILT										
1969 to March 1970	33	—	—	4	10	—	5	—	14	...
1965 to 1968	183	29	31	15	64	—	28	5	11	3.8
1960 to 1964	366	10	101	98	56	54	23	16	8	3.2
1950 to 1959	909	76	224	231	108	100	51	59	60	3.2
1940 to 1949	951	159	266	185	136	85	55	41	24	2.8
1939 or earlier	1 613	322	521	281	169	109	103	69	39	2.4
UNITS IN STRUCTURE										
1	3 909	558	1 110	793	531	338	237	186	156	2.9
2 or more	122	38	33	17	7	5	18	4	—	2.2
Mobile home or trailer	24	—	—	4	5	5	10	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	3 339	438	1 007	680	429	325	233	137	90	2.8
2 and 2 1/2	424	16	115	92	54	23	60	16	48	3.4
3 or more	28	—	—	8	6	—	—	—	14	...
None or also used by another household	283	98	84	32	33	14	11	7	4	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 459	...	1 143	814	543	348	265	190	156	3.2
Male head, wife present, no nonrelatives	2 495	...	802	520	421	272	211	147	122	3.4
Under 25 years	69	...	5	15	33	16	—	—	—	...
25 to 34 years	280	...	16	41	77	56	42	24	24	4.6
35 to 44 years	411	...	62	72	100	71	27	27	42	4.2
45 to 64 years	1 345	...	458	324	191	116	104	96	56	3.2
65 years and over	390	...	261	68	20	13	28	—	—	2.2
Other male head	224	...	80	77	12	13	19	8	15	2.9
Under 65 years	185	...	54	64	12	13	19	8	15	3.1
65 years and over	39	...	26	13	—	—	—	—	—	...
Female head	740	...	261	217	110	63	35	35	19	3.0
Under 65 years	511	...	158	138	91	47	23	35	19	3.2
65 years and over	229	...	103	79	19	16	12	—	—	2.6
One-person households	596	596	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied ¹	3 746	512	1 077	761	507	327	220	186	156	2.9
Less than 1.5	1 635	33	385	350	308	223	123	121	92	3.7
1.5 to 1.9	600	63	211	125	73	57	9	30	32	2.7
2.0 to 2.4	320	45	112	63	31	26	32	6	5	2.5
2.5 to 2.9	248	20	96	35	45	5	21	10	16	2.7
3.0 to 3.9	232	81	69	41	5	5	24	—	6	2.0
4.0 or more	642	237	184	141	34	11	11	19	5	2.0
Not computed	70	33	20	6	11	—	—	—	—	...
Renter occupied housing units	4 177	1 087	942	692	510	378	188	187	193	2.6
BEDROOMS										
None	157	136	21	—	—	—	—	—	—	...
1	1 213	678	352	126	—	37	—	20	—	1.4
2	1 664	406	419	324	241	69	83	63	59	2.5
3 or more	1 102	19	87	138	193	209	142	85	229	5.0
YEAR STRUCTURE BUILT										
1969 to March 1970	266	43	44	74	66	13	18	8	—	3.1
1965 to 1968	699	175	173	109	70	79	48	35	10	2.5
1960 to 1964	181	24	24	35	33	30	13	4	18	3.7
1950 to 1959	685	154	106	96	80	103	36	51	59	3.4
1940 to 1949	776	173	208	155	107	37	34	28	34	2.5
1939 or earlier	1 570	518	387	223	154	116	39	61	72	2.2
UNITS IN STRUCTURE										
1	1 631	372	415	244	183	140	76	93	108	2.6
2	340	113	67	58	42	28	8	20	4	2.4
3 and 4	426	144	70	46	39	31	15	31	50	2.5
5 to 9	1 223	247	240	231	205	160	78	35	27	3.0
10 to 19	484	171	129	107	41	19	5	8	4	2.1
20 or more	73	40	21	6	—	—	6	—	—	...
Mobile home or trailer	—	—	—	—	—	—	—	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	3 838	915	851	679	441	413	185	192	162	2.7
2 or more	15	—	—	—	5	—	6	4	—	...
None or also used by another household	329	159	80	30	39	11	—	5	5	1.6
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 090	...	942	692	510	378	188	187	193	3.4
Male head, wife present, no nonrelatives	1 402	...	372	370	217	155	109	81	98	3.4
Under 25 years	270	...	49	114	52	35	10	5	5	3.3
25 to 34 years	354	...	46	121	69	65	28	10	15	3.6
35 to 44 years	228	...	29	44	34	26	34	32	29	4.8
45 to 64 years	386	...	125	70	56	25	32	34	44	3.5
65 years and over	164	...	123	21	6	4	5	—	5	2.2
Other male head	329	...	151	71	43	34	5	16	9	2.7
Under 65 years	237	...	91	45	37	34	5	16	9	3.1
65 years and over	92	...	60	26	6	—	—	—	—	...
Female head	1 359	...	419	251	250	189	74	90	86	3.5
Under 65 years	1 230	...	325	235	237	183	74	90	86	3.7
65 years and over	129	...	94	16	13	6	—	—	—	2.2
One-person households	1 087	1 087	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	4 146	1 075	933	688	510	372	188	187	193	2.6
Less than 10 percent	295	40	45	47	65	34	13	27	24	3.7
10 to 14 percent	558	79	92	140	69	58	29	45	46	3.3
15 to 19 percent	604	65	140	126	87	60	29	40	57	3.3
20 to 24 percent	566	100	140	111	98	40	32	25	20	2.9
25 to 34 percent	785	201	243	106	78	75	40	27	15	2.3
35 percent or more	1 145	501	230	130	92	100	38	23	31	1.8
Not computed	193	89	43	28	21	5	7	—	—	1.7

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

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

Table B-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]

Knoxville	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	30 364	2 072	4 312	5 185	4 760	3 747	4 986	2 399	1 754	764	385	11 900
ROOMS												
1 and 2 rooms	92	29	25	16	11	-	6	5	-	-	-	...
3 rooms	421	218	129	44	6	9	9	6	-	-	-	500-
4 rooms	4 727	978	1 560	1 267	630	205	68	9	10	-	-	7 200
5 rooms	10 630	611	1 777	2 464	2 382	1 625	1 312	326	108	21	4	10 500
6 rooms	7 815	169	630	1 013	1 257	1 348	2 150	781	365	81	21	14 100
7 rooms	3 511	46	114	249	285	405	985	691	514	183	39	18 500
8 rooms or more	3 168	21	77	132	189	155	456	581	757	479	321	24 800
Median	5.4	4.3	4.7	5.0	5.2	5.5	6.0	6.6	7.3	7.5+	7.5+	...
PERSONS												
1 person	3 667	440	805	803	557	375	343	168	104	45	27	9 300
2 persons	10 415	771	1 563	1 975	1 811	1 166	1 547	772	568	175	67	11 200
3 persons	6 025	313	794	886	976	811	1 168	530	362	122	63	12 600
4 persons	4 999	247	521	762	699	667	469	384	384	177	91	13 500
5 persons	2 862	111	285	394	404	430	532	270	218	134	64	13 900
6 persons or more	2 396	190	344	365	313	298	414	190	118	111	53	12 400
Median	2.7	2.3	2.4	2.4	2.5	2.9	3.0	3.0	3.1	3.7	3.9	...
Units with roomers, boarders, or lodgers	533	32	84	119	89	33	97	17	43	19	-	10 900
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	29 820	1 676	4 209	5 161	4 751	3 741	4 986	2 393	1 754	764	385	12 000
0.50 or less	17 559	948	2 390	2 963	2 735	1 925	2 865	1 609	1 289	548	287	12 300
0.51 to 1.00	10 913	574	1 488	1 893	1 829	1 668	1 976	721	457	209	98	12 100
1.01 to 1.50	1 080	97	275	279	155	120	97	49	8	-	-	9 000
1.51 or more	268	57	56	26	32	28	48	14	7	-	-	9 500
Lacking some or all plumbing facilities	544	396	103	24	9	6	-	6	-	-	-	5000-
0.50 or less	293	211	59	12	5	6	-	-	-	-	-	5000-
0.51 to 1.00	152	110	28	8	-	-	-	6	-	-	-	5000-
1.01 to 1.50	77	53	16	4	4	-	-	-	-	-	-	...
1.51 or more	22	22	-	-	-	-	-	-	-	-	-	...
BEDROOMS												
None and 1	1 062	510	294	138	60	17	43	-	-	-	-	5 200
2	12 354	1 413	3 019	3 210	1 927	1 413	950	240	182	-	-	8 900
3	13 312	298	983	1 668	1 581	2 325	3 454	1 491	1 160	352	-	14 800
4 or more	3 599	58	196	226	289	398	640	542	514	335	401	20 000
YEAR STRUCTURE BUILT												
1969 to March 1970	160	8	-	-	9	20	38	16	35	24	10	21 600
1965 to 1968	1 115	5	47	45	79	134	370	136	130	102	67	18 100
1960 to 1964	3 238	46	108	209	364	417	847	634	395	159	59	17 400
1950 to 1959	9 745	217	584	1 191	1 613	1 746	2 349	1 013	684	248	100	14 300
1940 to 1949	6 174	441	1 118	1 566	1 210	642	677	230	180	64	6	9 900
1939 or earlier	9 932	1 355	2 455	2 174	1 485	788	705	370	330	167	103	8 800
COMPLETE BATHROOMS												
1 and 1 1/2	22 595	1 672	3 966	4 799	4 506	3 200	3 393	819	206	34	-	10 500
2 and 2 1/2	5 893	44	168	284	463	428	1 443	1 480	1 165	312	106	20 400
3 or more	1 300	-	7	-	26	7	84	138	340	429	269	36 700
None or also used by another household	623	349	118	78	40	6	25	7	-	-	-	5000-
HOUSEHOLD COMPOSITION												
Two-or-more-person households	26 697	1 632	3 507	4 382	4 203	3 372	4 643	2 231	1 650	719	358	12 300
Male head, wife present, no nonrelatives	22 371	1 133	2 724	3 562	3 395	2 974	4 126	2 036	1 481	630	310	12 800
Under 25 years	451	26	69	96	81	63	74	16	16	-	-	10 100
25 to 34 years	2 950	67	291	533	497	576	585	247	106	34	14	12 900
35 to 44 years	4 775	148	403	595	701	764	1 027	472	382	180	103	14 300
45 to 64 years	10 324	496	1 292	1 654	1 508	1 175	1 947	1 018	718	348	168	13 000
65 years and over	3 871	396	669	684	608	396	493	283	259	68	15	10 800
Other male head	1 004	99	199	155	145	86	167	55	48	26	24	10 800
Under 65 years	775	77	149	114	115	67	128	49	26	24	11 000	
65 years and over	229	22	50	41	30	19	39	6	22	-	-	10 100
Female head	3 322	400	584	665	663	312	350	140	121	63	24	10 000
Under 65 years	2 163	231	336	457	484	191	262	91	72	39	-	10 300
65 years and over	1 159	169	248	208	179	121	88	49	49	24	24	9 500
One-person households	3 667	440	805	803	557	375	343	168	104	45	27	9 300
Under 65 years	1 771	194	427	376	268	204	165	75	39	16	7	9 300
65 years and over	1 896	246	378	427	289	171	178	93	65	29	20	9 400
INCOME IN 1969												
Less than \$2,000	3 005	591	745	756	374	177	222	64	65	6	5	8 100
\$2,000 to \$2,999	1 645	294	376	306	292	173	121	47	21	15	-	8 700
\$3,000 to \$3,999	1 766	205	489	386	303	193	114	42	15	5	14	8 700
\$4,000 to \$4,999	1 718	181	377	367	333	168	189	56	44	3	-	9 600
\$5,000 to \$5,999	1 832	222	401	361	315	235	214	57	21	6	-	9 500
\$6,000 to \$6,999	1 831	157	340	451	355	181	230	67	44	6	-	9 800
\$7,000 to \$9,999	6 289	242	932	1 362	1 326	947	944	343	139	44	10	11 100
\$10,000 to \$14,999	7 036	152	522	988	1 101	1 234	1 797	772	321	112	37	14 000
\$15,000 to \$24,999	3 786	28	117	187	325	370	969	742	705	273	70	19 500
\$25,000 or more	1 456	-	13	21	36	69	186	209	379	294	249	30 100
Median	\$8 600	\$3 700	\$5 400	\$6 900	\$7 900	\$9 400	\$11 300	\$13 400	\$17 900	\$21 800	\$35 800	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 214	73	186	437	321	269	521	186	98	66	57	13 300
1968	1 597	73	164	232	264	182	359	135	101	48	39	13 400
1967	1 486	96	170	224	234	272	260	104	54	52	20	12 700
1965 and 1966	3 447	109	374	513	603	519	625	317	246	100	41	13 100
1960 to 1964	5 895	218	586	855	1 045	802	997	690	447	173	82	13 300
1950 to 1959	9 088	581	1 304	1 544	1 446	1 004	1 577	757	537	243	93	11 900
1949 or earlier	6 684	915	1 475	1 356	1 122	593	604	255	228	93	43	9 300
HEATING EQUIPMENT												
Steam or hot water	696	11	62	58	102	77	124	87	75	54	46	16 600
Warm-air furnace	6 673	212	781	1 167	1 026	745	778	554	679	462	269	13 000
Hot-in electric units	14 602	280	1 016	1 997	2 381	2 394	3 693	1 639	936	204	62	14 200
or, wall, or pipeless furnace	860	76	278	218	171	60	36	5	9	7	-	8 400
Other means	7 493	1 488	2 168	1 731	1 066	471	355	114	55	37	8	7 600
None	40	5	7	14	14	-	-	-	-	-	-	...
AIR CONDITIONING												
Central unit(s)	15 769	408	1 541	2 518	3 053	2 438	3 370	1 373	736	255	77	12 900
Other system	2 812	13	69	146	127	110	368	550	697	455	277	25 300
None	11 830	1 644	2 649	2 497	1 855	1 093	1 207	521	278	65	21	9 100

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

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]

Knoxville	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	24 043	3 897	1 577	2 195	2 132	4 606	3 519	2 981	1 702	428	14	992	88
ROOMS													
1 room	1 080	676	124	75	20	91	21	6	13	—	—	54	50—
2 rooms	1 907	366	229	387	191	277	225	129	11	—	—	92	68
3 rooms	6 408	1 401	488	678	604	1 068	964	801	267	17	—	120	80
4 rooms	7 622	900	468	632	699	1 754	1 279	957	579	154	—	200	93
5 rooms	4 398	375	204	341	414	989	696	606	410	148	4	137	106
6 rooms	1 668	135	52	59	148	305	236	276	268	47	5	78	123
7 rooms	596	44	—	23	40	91	48	136	87	49	—	5	102
8 rooms or more	364	—	12	—	14	31	50	70	67	13	5	102	130
Median	3.8	3.1	3.4	3.4	3.9	4.0	3.9	4.1	4.5	4.8	...	4.6	...
PERSONS													
1 person	6 568	1 885	553	773	468	870	639	666	272	90	—	352	69
2 persons	7 640	887	382	597	694	1 555	1 347	1 100	641	178	5	254	95
3 persons	4 150	468	245	356	390	757	813	523	360	82	—	156	95
4 persons	2 609	251	162	166	249	665	375	323	227	50	9	132	93
5 persons	1 458	167	105	129	143	353	182	198	123	23	—	35	90
6 persons or more	1 618	239	130	174	188	406	163	171	79	5	—	63	82
Median	2.2	1.6	2.1	2.0	2.4	2.4	2.3	2.2	2.4	2.2	...	2.1	...
Units with roomers, boarders, or lodgers	816	57	53	71	30	133	144	191	81	19	—	37	106
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	23 013	3 337	1 372	2 089	2 084	4 596	3 510	2 981	1 690	421	14	919	90
0.50 or less	10 095	1 453	504	957	814	1 782	1 406	1 462	822	300	10	585	92
0.51 to 1.00	10 784	1 593	645	823	1 020	2 227	1 888	1 375	836	121	4	252	91
1.01 to 1.50	1 597	221	132	218	185	456	189	110	32	—	—	54	81
1.51 or more	537	70	91	91	65	131	27	34	—	—	—	28	70
Lacking some or all plumbing facilities	1 030	560	205	106	48	10	9	—	12	7	—	73	50—
0.50 or less	301	122	91	42	18	—	—	—	5	—	—	23	52
0.51 to 1.00	639	404	86	53	13	10	9	—	7	—	—	50	50
1.01 to 1.50	19	16	6	12	—	—	—	—	—	—	—	—	—
1.51 or more	37	15	12	5	5	—	—	—	—	—	—	—	—
BEDROOMS													
None	1 187	774	185	43	—	119	20	—	—	—	—	46	50—
1	8 440	1 808	590	1 038	864	1 467	1 263	831	369	—	—	210	78
2	10 171	828	652	959	771	2 235	1 897	1 321	944	260	—	304	96
3 or more	4 527	581	192	193	338	845	590	575	610	126	19	458	97
YEAR STRUCTURE BUILT													
1969 to March 1970	1 554	695	60	58	20	88	243	124	163	88	5	10	63
1965 to 1968	4 189	684	94	63	119	614	927	938	573	135	4	37	111
1960 to 1964	1 922	87	57	42	101	318	405	470	267	84	—	91	115
1950 to 1959	3 378	495	158	272	224	668	456	482	338	53	—	232	94
1940 to 1949	3 261	350	201	326	416	787	551	364	109	30	—	127	87
1939 or earlier	9 739	1 586	1 007	1 434	1 252	2 131	937	603	252	37	5	495	75
ELEVATOR IN STRUCTURE													
4 floors or more	2 285	770	60	62	62	101	447	479	221	62	—	21	103
With elevator	1 846	730	39	—	21	101	409	359	104	62	—	21	101
Walk-up	439	40	21	62	41	—	38	120	117	—	—	—	124
1 to 3 floors	22 040	3 221	1 559	2 171	1 911	4 565	3 323	2 248	1 702	324	19	997	87
COMPLETE BATHROOMS													
1 and 1 1/2	21 981	3 267	1 308	1 987	2 100	4 526	3 432	2 987	1 423	209	—	742	90
2 or more	856	8	31	36	27	81	39	68	180	235	15	136	169
None or also used by another household	1 169	596	232	152	75	18	7	8	15	—	—	66	50—
INCOME IN 1969													
Less than \$2,000	6 142	2 400	461	625	422	752	503	433	196	32	—	318	61
\$2,000 to \$2,999	2 333	520	291	246	258	356	258	220	86	—	5	88	71
\$3,000 to \$3,999	2 538	354	273	329	273	581	322	202	108	9	—	87	80
\$4,000 to \$4,999	2 192	256	136	297	260	525	332	239	79	11	—	57	84
\$5,000 to \$5,999	2 102	138	146	216	262	494	380	274	89	13	—	90	91
\$6,000 to \$6,999	1 662	69	63	146	173	461	318	266	115	13	—	38	96
\$7,000 to \$9,999	3 570	129	122	204	311	885	831	618	280	57	—	133	102
\$10,000 to \$14,999	2 400	31	52	82	150	425	466	480	505	93	—	116	117
\$15,000 to \$24,999	846	—	20	—	29	122	96	215	221	82	9	52	138
\$25,000 or more	258	—	19	5	6	5	13	34	45	18	—	13	195
Median	\$4 500	\$2000—	\$3 200	\$3 600	\$4 500	\$5 200	\$5 900	\$6 500	\$9 100	\$14 200	...	\$4 100	...
YEAR MOVED INTO UNIT													
1969 to March 1970	12 136	1 654	628	837	1 014	2 414	2 087	1 910	1 014	309	15	254	96
1968	3 243	500	302	315	258	531	498	427	262	71	—	79	89
1967	1 776	361	70	126	229	347	224	221	128	15	—	55	86
1965 and 1966	2 494	548	164	268	214	568	249	220	146	21	—	66	80
1960 to 1964	2 516	435	213	422	307	441	295	167	43	14	—	179	73
1950 to 1959	1 199	215	118	141	121	227	112	108	5	—	—	152	74
1949 or earlier	642	158	76	66	59	97	13	10	20	14	—	129	63
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 887	405	208	191	217	363	173	153	108	69	—	...	76
10 to 14 percent	3 669	484	259	352	408	894	574	429	181	88	—	...	89
15 to 19 percent	4 126	495	196	404	396	885	728	533	401	79	9	...	93
20 to 24 percent	2 917	441	244	264	270	546	488	364	258	42	—	...	89
25 to 34 percent	3 635	825	219	265	266	720	542	483	247	66	—	...	88
35 percent or more	6 200	1 156	417	650	539	1 059	922	934	452	66	5	...	86
Not computed	1 609	91	34	69	36	139	92	85	55	16	—	992	92
AIR CONDITIONING													
Room unit(s)	7 232	466	189	223	471	1 551	1 742	1 567	615	58	—	350	106
Central system	2 714	23	20	32	31	371	499	604	499	358	7	75	137
None	14 060	3 382	1 362	1 920	1 700	2 703	1 237	892	309	28	8	519	71

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]

Knoxville	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	32 767	3 461	1 841	1 956	1 882	2 016	1 989	6 805	7 397	3 917	1 503	8 400
ROOMS												
1 and 2 rooms	214	85	32	14	30	-	18	12	10	6	7	2 700
3 rooms	688	244	99	54	38	56	29	98	61	9	-	3 000
4 rooms	5 394	1 013	443	543	407	540	400	1 246	681	116	5	5 500
5 rooms	11 193	1 242	742	771	799	815	805	2 769	2 404	738	108	7 500
6 rooms	8 277	569	372	351	426	363	522	1 730	2 474	1 189	281	9 700
7 rooms or more	7 001	308	153	223	182	242	215	950	1 767	1 859	1 102	13 500
PERSONS												
1 person	4 357	1 886	591	507	344	234	152	383	136	72	52	2 500
2 persons	11 348	1 151	891	946	908	872	690	2 379	2 023	1 052	436	7 300
3 and 4 persons	11 640	326	257	380	450	645	828	2 762	3 462	1 839	691	10 200
5 persons	2 942	48	21	47	74	152	184	772	925	545	174	10 900
6 persons or more	2 480	50	81	76	106	113	135	509	851	409	150	11 000
Units with roomers, boarders, or lodgers	620	157	90	26	41	54	31	119	56	37	9	4 900
BEDROOMS												
Less than 3	15 080	2 539	1 444	1 225	1 409	1 229	1 275	2 949	2 084	778	148	5 800
3	13 885	888	386	523	489	599	746	2 945	4 269	2 023	1 017	10 400
4 or more	3 869	211	116	98	141	126	60	431	894	1 082	1 071	14 200
YEAR STRUCTURE BUILT												
1969 to March 1970	240	24	8	5	10	12	16	61	49	45	10	9 200
1960 to 1968	4 922	166	127	165	176	238	236	1 117	1 443	887	367	10 800
1950 to 1959	10 157	547	307	456	418	492	533	2 031	3 010	1 793	570	10 500
1949 or earlier	17 448	2 724	1 399	1 330	1 278	1 274	1 204	3 596	2 895	1 192	556	6 600
YEAR MOVED INTO UNIT												
1969 to March 1970	2 571	225	51	141	161	149	146	682	581	326	109	8 800
1968	1 734	53	60	92	87	90	105	484	503	221	39	9 400
1960 to 1967	11 641	744	410	545	522	711	719	2 670	3 115	1 646	559	9 400
1959 or earlier	16 821	2 377	1 296	1 194	1 057	1 093	980	3 127	3 278	1 749	670	7 400
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	25 264	1 738	985	1 210	1 234	1 594	1 478	5 024	6 593	3 681	1 727	9 600
Clothes dryer	18 447	894	397	668	645	1 008	1 065	3 545	5 458	3 220	1 547	10 900
Dishwasher	6 560	212	104	101	179	180	143	907	1 636	1 757	1 341	14 400
Home food freezer	11 627	595	598	430	561	555	593	2 452	3 008	1 963	872	10 000
Owned second home	2 298	205	114	87	103	87	142	4 318	4 434	541	267	11 100
With air conditioning	19 798	973	703	756	960	1 002	1 153	4 470	5 295	3 240	1 246	9 900
Room unit(s)	16 735	888	623	692	898	932	1 074	4 063	4 680	2 273	612	9 400
Central system	3 063	85	80	64	62	70	79	407	615	967	634	15 700
Automobiles available:												
1	14 055	1 278	1 035	1 155	1 134	1 294	1 133	3 549	2 442	829	206	7 000
2	12 216	222	150	230	366	453	652	2 787	4 131	2 388	837	11 500
3 or more	2 236	24	26	44	33	44	36	314	721	675	319	14 100
Renter occupied housing units	24 292	6 187	2 366	2 556	2 217	2 113	1 682	3 614	2 427	872	258	4 500
ROOMS												
1 room	1 098	549	219	66	83	51	43	65	22	-	-	2 000
2 rooms	1 907	828	232	230	177	133	80	152	48	15	12	2 500
3 rooms	6 457	2 246	660	729	621	608	410	665	364	85	69	3 400
4 rooms	7 687	1 613	664	941	755	624	524	1 361	863	279	63	4 800
5 rooms	4 446	692	388	435	372	456	366	844	649	275	69	6 000
6 rooms or more	2 697	359	203	155	209	241	259	527	481	218	45	6 700
PERSONS												
1 person	6 597	3 051	812	685	550	384	250	457	256	96	56	2 300
2 persons	7 722	1 627	762	884	723	709	539	1 173	853	332	120	4 800
3 and 4 persons	6 849	1 097	465	664	674	695	559	1 433	896	288	78	5 800
5 persons	1 489	219	110	153	135	134	178	285	169	106	10	6 000
6 persons or more	1 635	193	217	170	135	191	156	266	253	50	4	5 500
Units with roomers, boarders, or lodgers	830	382	107	90	53	45	60	60	28	5	-	2 300
BEDROOMS												
None	1 207	640	288	91	51	48	23	66	-	-	-	2000-
1	8 460	2 891	848	942	897	900	373	813	528	209	59	3 300
2	10 234	1 893	907	963	1 001	1 045	735	1 894	1 342	260	194	5 000
3 or more	4 566	561	448	291	513	406	387	663	920	345	32	6 200
YEAR STRUCTURE BUILT												
1969 to March 1970	1 575	601	124	154	88	75	88	191	141	85	28	3 400
1960 to 1968	6 139	1 341	490	592	529	534	366	989	800	339	159	5 200
1950 to 1959	3 408	756	288	273	328	307	251	659	402	135	9	5 200
1949 or earlier	13 170	3 489	1 464	1 537	1 272	1 197	977	1 775	1 084	313	62	4 100
YEAR MOVED INTO UNIT												
1969 to March 1970	12 269	3 219	1 162	1 371	1 140	1 019	962	1 764	1 112	405	115	4 300
1968	3 278	695	342	323	274	294	227	571	360	149	43	5 000
1960 to 1967	6 859	1 754	606	736	591	605	459	1 091	687	257	73	4 600
1959 or earlier	1 886	657	278	185	126	115	89	215	131	82	8	3 000
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	24 043	6 142	2 333	2 538	2 192	2 102	1 662	3 570	2 400	846	258	4 500
Less than 15 percent	5 556	7	86	183	291	401	424	1 615	1 592	712	245	9 600
15 to 19 percent	4 126	70	244	304	457	605	588	1 227	549	82	-	6 700
20 to 24 percent	2 917	287	236	495	497	489	359	426	128	-	-	4 900
25 to 34 percent	3 635	805	523	817	631	450	229	165	15	-	-	3 600
35 percent or more	6 200	4 038	1 156	652	259	67	24	4	-	-	-	2000-
Not computed	1 609	935	88	87	57	90	38	133	116	52	13	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	7 509	840	636	573	674	646	639	1 541	1 473	440	47	6 600
Clothes dryer	3 945	308	197	156	254	292	324	917	1 079	406	32	8 500
Dishwasher	2 064	166	60	181	113	104	85	481	459	249	142	8 900
Home food freezer	1 659	222	68	77	113	104	132	404	388	151	-	7 800
Owned second home	807	95	45	40	57	58	42	172	165	133	-	8 200
With air conditioning	10 050	1 704	763	847	754	889	786	1 920	1 492	670	225	6 100
Room unit(s)	7 299	1 384	632	651	595	689	569	1 388	997	357	37	5 600
Central system	2 751	320	131	196	159	200	217	532	495	313	188	7 900
Automobiles available:												
1	11 713	1 946	997	1 423	1 176	1 391	1 133	2 240	974	340	93	5 200
2	4 327	386	136	265	280	237	385	962	1 103	464	109	8 500
3 or more	448	27	43	39	28	38	38	66	97	58	14	7 500

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

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

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

Knoxville	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	32 767	32 148	19 212	11 511	1 146	279	619	349	166	82	22
PERSONS											
1 person	4 357	4 160	4 138	22	—	—	197	197	—	—	—
2 persons	11 348	11 157	10 842	277	—	38	191	139	52	—	—
3 persons	6 460	6 391	3 205	3 186	—	—	69	13	56	—	—
4 persons	5 180	5 128	725	4 391	12	—	52	—	46	6	—
5 persons	2 942	2 899	302	2 390	202	5	43	—	8	31	4
6 persons or more	2 480	2 413	—	1 245	932	236	67	—	4	45	18
Median	2.6	2.6	2.0	4.0	6.3	7.5+	2.1	1.4	3.1	—	—
Units with roomers, boarders, or lodgers	620	611	312	247	48	4	9	5	4	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970	240	235	131	90	—	14	5	—	5	—	—
1965 to 1968	1 320	1 320	621	655	38	6	—	—	—	—	—
1960 to 1964	3 362	3 345	1 683	1 561	89	12	17	—	—	—	—
1950 to 1959	10 161	10 130	5 476	4 177	400	77	31	—	13	17	—
1940 to 1949	6 497	6 385	3 867	2 164	310	44	112	58	32	12	6
1939 or earlier	11 187	10 832	7 470	2 857	392	113	355	243	70	22	13
INCOME IN 1969											
Less than \$2,000	3 461	3 202	2 829	331	42	—	259	207	52	—	—
\$2,000 to \$2,999	1 841	1 768	1 448	252	47	21	73	41	13	15	4
\$3,000 to \$3,999	1 956	1 899	1 472	380	24	23	57	23	15	14	5
\$4,000 to \$4,999	1 882	1 842	1 271	498	49	24	40	21	10	4	5
\$5,000 to \$5,999	2 016	1 956	1 206	629	102	19	60	28	28	4	—
\$6,000 to \$6,999	1 989	1 948	1 012	814	93	29	41	10	22	5	4
\$7,000 to \$9,999	6 805	6 770	3 384	2 995	352	39	35	4	14	17	—
\$10,000 to \$14,999	7 397	7 357	3 269	3 703	331	54	40	6	12	18	4
\$15,000 to \$24,999	3 917	3 903	2 241	1 516	100	46	14	9	—	5	—
\$25,000 or more	1 503	1 503	1 080	393	6	24	—	—	—	—	—
Median	\$8 400	\$8 500	\$7 300	\$9 900	\$8 800	\$8 800	\$2 700	\$2000-	\$4 300	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹											
Less than 1.5	30 364	29 820	17 559	10 913	1 080	268	544	293	152	77	22
1.5 to 1.9	14 979	14 738	6 986	6 777	782	193	241	72	85	66	18
2.0 to 2.4	5 297	5 218	2 961	2 070	154	33	79	40	24	11	4
2.5 to 2.9	2 644	2 616	1 691	853	67	5	28	24	4	—	—
3.0 to 3.9	1 774	1 748	1 247	467	16	18	26	10	16	—	—
4.0 or more	1 768	1 705	1 350	335	6	14	63	40	23	—	—
Not computed	3 647	3 559	3 132	378	4	5	88	68	—	—	—
Heating equipment	255	236	192	33	11	—	19	19	—	—	—
HEATING EQUIPMENT											
Steam or hot water	796	796	657	118	16	5	—	—	—	—	—
Warm-air furnace	7 380	7 339	4 989	2 122	194	34	41	21	14	6	—
Built-in electric units	15 311	15 277	8 340	6 353	474	110	34	18	8	8	—
Floor, wall, or pipeless furnace	984	976	576	317	63	20	8	4	—	—	4
Other means	8 256	7 725	4 633	2 595	387	110	531	306	144	68	13
None	40	35	17	6	12	—	5	—	—	—	5
Renter occupied housing units	24 292	23 239	10 195	10 893	1 597	554	1 053	301	656	53	43
PERSONS											
1 person	6 597	5 991	5 377	614	—	—	606	238	368	—	—
2 persons	7 722	7 521	4 210	3 235	—	76	201	59	137	—	5
3 persons	4 201	4 100	495	3 441	135	29	101	4	76	21	—
4 persons	2 648	2 604	88	2 336	141	39	44	—	25	13	6
5 persons	1 489	1 450	25	922	429	74	39	—	32	3	4
6 persons or more	1 635	1 573	—	345	892	336	62	—	18	16	28
Median	2.2	2.2	1.4	3.0	5.7	6.8	1.4	1.1	1.4	...	...
Units with roomers, boarders, or lodgers	830	807	296	442	46	23	23	4	14	—	5
YEAR STRUCTURE BUILT											
1969 to March 1970	1 540	1 540	674	812	38	16	—	—	—	—	—
1965 to 1968	4 257	4 250	1 767	2 247	190	46	7	—	7	—	—
1960 to 1964	2 013	2 013	1 022	877	92	22	—	—	—	—	—
1950 to 1959	3 428	3 408	1 293	1 716	331	68	20	6	14	—	—
1940 to 1949	3 303	3 168	1 423	1 407	262	76	135	34	75	9	17
1939 or earlier	9 751	8 888	4 015	3 806	768	299	863	265	539	53	6
INCOME IN 1969											
Less than \$2,000	6 187	5 684	3 120	2 199	263	102	503	156	314	23	10
\$2,000 to \$2,999	2 366	2 180	974	931	183	92	186	50	131	—	5
\$3,000 to \$3,999	2 554	2 457	1 080	1 157	184	36	99	37	53	9	—
\$4,000 to \$4,999	2 217	2 130	902	996	176	56	87	17	54	6	10
\$5,000 to \$5,999	2 113	2 050	736	1 080	176	58	63	14	39	3	7
\$6,000 to \$6,999	1 682	1 649	575	858	146	70	33	7	26	—	—
\$7,000 to \$9,999	3 614	3 559	1 281	1 915	273	90	55	15	29	—	11
\$10,000 to \$14,999	2 427	2 400	949	1 251	160	40	27	5	10	12	—
\$15,000 to \$24,999	872	872	425	411	26	10	—	—	—	—	—
\$25,000 or more	258	258	153	95	10	—	—	—	—	—	—
Median	\$4 500	\$4 600	\$3 900	\$5 200	\$5 000	\$4 800	\$2 100	\$2000-	\$2 100	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²											
Less than 10 percent	24 043	23 013	10 095	10 784	1 597	537	1 030	301	639	53	37
10 to 14 percent	1 887	1 779	562	983	162	72	108	4	75	18	11
15 to 19 percent	3 669	3 534	1 176	1 977	295	86	135	27	93	8	7
20 to 24 percent	4 126	4 000	1 432	2 078	364	126	126	36	86	—	4
25 to 34 percent	2 917	2 809	1 208	1 350	199	52	108	48	60	—	—
35 percent or more	3 633	3 492	1 630	1 600	199	63	143	36	103	4	—
Not computed	6 200	5 889	3 126	2 365	292	106	311	116	157	23	15
Heating equipment	1 609	1 510	961	431	86	32	99	34	65	—	—
HEATING EQUIPMENT											
Steam or hot water	2 597	2 368	1 300	934	55	79	229	30	188	11	—
Warm-air furnace	4 533	4 358	2 190	1 891	228	49	175	48	114	8	5
Built-in electric units	8 721	8 661	3 817	4 393	351	100	60	15	35	—	10
Floor, wall, or pipeless furnace	731	717	248	321	135	13	14	—	14	—	—
Other means	7 699	7 124	2 640	3 347	824	313	575	208	305	34	28
None	11	11	—	7	4	—	—	—	—	—	—

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

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

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

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

Knoxville		Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units		32 767	60	154	688	5 394	11 193	8 277	3 687	3 314	5.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		32 021	60	105	527	4 996	11 189	8 164	3 593	3 387	5.4
PERSONS											
1 person		4 357	22	104	280	1 082	1 669	791	235	174	4.9
2 persons		11 348	38	43	286	2 274	4 181	2 696	1 138	692	5.2
3 persons		6 460	-	-	65	933	2 244	1 842	799	577	5.5
4 persons		5 180	-	-	18	722	1 677	1 325	713	725	5.6
5 persons		2 942	-	-	9	233	771	955	418	556	6.0
6 persons or more		2 480	-	7	30	150	651	668	384	590	6.1
Median		2.6	...	1.2	1.7	2.2	2.4	2.9	3.1	3.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		32 148	60	121	550	5 087	11 112	8 230	3 678	3 310	5.4
0.50 or less		19 212	-	76	220	3 157	5 830	5 296	2 163	2 470	5.6
0.51 to 1.00		11 511	22	38	292	1 604	4 645	2 683	1 456	771	5.3
1.01 to 1.50		1 146	-	-	12	274	568	213	46	33	5.0
1.51 or more		279	38	7	26	52	38	13	9	4	4.6
Lacking some or all plumbing facilities		619	-	33	138	307	81	47	9	4	3.9
0.50 or less		349	-	28	60	199	20	33	9	-	3.9
0.51 to 1.00		166	-	5	59	51	47	-	-	4	3.9
1.01 to 1.50		82	-	-	6	48	14	14	-	-	...
1.51 or more		22	-	-	13	9	-	-	-	-	...
BEDROOMS											
None and 1		1 549	19	194	647	464	163	18	44	-	3.4
2		13 531	-	-	188	5 151	6 114	1 929	109	40	4.7
3		13 885	-	-	-	78	4 520	6 009	2 557	721	5.9
4 or more		3 869	-	-	-	-	94	438	958	2 379	7.5+
YEAR STRUCTURE BUILT											
1969 to March 1970		240	6	-	10	72	43	45	5	59	5.2
1960 to 1968		4 922	-	31	94	500	1 582	1 151	809	755	5.7
1950 to 1959		10 157	5	46	130	1 365	3 515	2 926	1 299	871	5.5
1949 or earlier		17 448	49	77	454	3 457	6 053	4 155	1 574	1 629	5.3
COMPLETE BATHROOMS											
1 and 1 1/2		24 435	66	92	503	4 814	10 283	6 182	1 703	792	5.2
2 or more		7 635	-	13	24	203	914	1 982	1 898	2 601	6.9
None or also used by another household		697	-	31	120	296	167	49	34	-	4.2
VALUE-INCOME RATIO											
Specified owner occupied¹		30 364	42	50	421	4 727	10 630	7 815	3 511	3 168	5.4
Less than 1.5		14 979	16	-	180	2 546	5 233	3 914	1 735	1 355	5.4
1.5 to 1.9		5 297	16	-	50	639	1 741	1 459	731	661	5.6
2.0 to 2.9		4 418	-	-	49	570	1 597	1 161	490	551	5.5
3.0 or more		5 415	45	125	908	1 951	1 238	547	591	591	5.3
Not computed		255	-	5	17	64	108	43	8	10	4.9
Renter occupied housing units											
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		24 292	1 098	1 907	6 457	7 687	4 446	1 709	609	379	3.8
		22 841	592	1 623	6 268	7 521	4 270	1 658	591	318	3.9
PERSONS											
1 person		6 597	982	1 120	2 715	1 209	435	87	32	17	2.9
2 persons		7 722	81	1 202	2 790	2 662	1 127	339	63	58	3.7
3 persons		4 201	29	156	642	2 081	794	348	103	48	4.1
4 persons		2 648	6	39	154	993	892	322	154	88	4.6
5 persons		1 489	-	10	68	432	631	241	63	44	4.9
6 persons or more		1 635	-	-	88	310	567	372	174	124	5.2
Median		2.2	1.1	1.4	1.7	2.5	3.3	3.8	4.1	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		23 239	719	1 739	6 220	7 526	4 395	1 671	598	371	3.9
0.50 or less		10 195	-	1 033	2 643	3 764	1 537	764	218	236	3.9
0.51 to 1.00		10 893	614	522	3 297	3 042	2 295	681	321	121	3.8
1.01 to 1.50		1 597	-	135	141	598	467	188	54	14	4.4
1.51 or more		554	105	49	139	122	96	38	5	-	3.4
Lacking some or all plumbing facilities		1 053	379	168	237	161	51	38	11	8	2.4
0.50 or less		301	-	87	72	107	25	10	-	-	3.4
0.51 to 1.00		656	368	60	135	32	22	20	11	8	1.4
1.01 to 1.50		53	-	21	13	12	4	3	-	-	...
1.51 or more		43	11	-	17	10	-	5	-	-	...
BEDROOMS											
one		1 207	1 105	41	61	-	-	-	-	-	1.0
2		8 460	-	1 959	5 621	819	41	-	20	-	2.9
3 or more		10 234	-	-	483	6 680	2 610	407	41	13	4.2
		4 566	-	-	-	65	2 093	1 354	604	450	5.6
YEAR STRUCTURE BUILT											
1969 to March 1970		1 575	274	65	539	416	261	5	5	10	3.3
1960 to 1968		6 139	-	407	2 323	2 329	664	181	90	27	3.6
1950 to 1959		3 408	34	210	444	1 257	808	414	200	41	4.3
1949 or earlier		13 170	672	1 225	3 151	3 685	2 713	1 109	314	301	3.9
COMPLETE BATHROOMS											
1 and 1 1/2		22 201	723	1 671	6 247	7 318	4 142	1 485	464	151	3.8
2 or more		887	6	23	40	210	141	173	127	167	5.6
None or also used by another household		1 204	357	191	285	252	54	50	7	8	2.7
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied²		24 043	1 080	1 907	6 408	7 622	4 398	1 668	596	364	3.8
Less than 10 percent		1 887	117	112	442	616	409	114	47	30	3.9
10 to 14 percent		3 669	120	187	799	1 215	912	299	104	33	4.1
15 to 19 percent		4 126	162	184	886	1 466	908	314	124	82	4.1
20 to 24 percent		2 917	93	212	715	981	587	262	48	19	3.9
25 to 34 percent		3 635	161	323	1 030	1 153	612	254	65	37	3.8
35 percent or more		6 200	363	685	2 210	1 798	697	279	121	47	3.4
Not computed		1 609	64	204	326	393	273	146	87	116	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]

Knoxville	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	32 767	30 916	1 277	574	24 292	9 435	2 178	2 184	3 164	3 078	4 083	170
ROOMS												
1 room	60	49	11	—	1 098	84	40	53	198	241	476	6
2 rooms	154	50	59	45	1 907	144	166	285	441	230	595	46
3 rooms	688	448	137	103	6 457	943	637	814	973	1 175	1 891	24
4 rooms	5 394	4 808	277	309	7 687	3 052	850	741	1 043	1 032	885	84
5 rooms	11 193	10 777	312	104	4 446	3 010	317	110	412	366	226	5
6 rooms	8 277	7 966	298	13	1 709	1 383	92	130	65	29	5	5
7 rooms	3 687	3 587	100	—	609	470	60	51	18	5	5	—
8 rooms or more	3 314	3 231	83	—	379	349	16	—	14	—	—	—
Median	5.4	5.4	5.0	3.9	3.8	4.7	3.8	3.4	3.5	3.4	3.0	3.6
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	32 148	30 352	1 236	560	23 239	9 049	2 098	2 049	2 963	2 909	4 010	161
0.50 or less	19 212	17 939	938	335	10 195	3 464	925	988	1 304	1 445	1 975	94
0.51 to 1.00	11 511	11 047	257	207	10 893	4 333	999	882	1 326	1 386	1 917	50
1.01 to 1.50	1 146	1 098	30	18	1 597	913	154	151	276	42	50	11
1.51 or more	279	268	11	—	554	339	20	28	57	36	68	6
Lacking some or all plumbing facilities	619	564	41	14	1 053	386	80	135	201	169	73	9
0.50 or less	349	309	26	14	301	144	33	46	46	25	7	—
0.51 to 1.00	166	156	10	—	656	189	43	84	136	144	55	5
1.01 to 1.50	82	77	5	—	53	24	—	—	19	—	6	4
1.51 or more	22	22	—	—	43	29	4	5	—	—	5	—
BEDROOMS												
None	19	19	—	—	1 207	67	120	73	262	262	423	—
1	1 530	1 062	390	78	8 460	1 133	842	954	1 505	1 456	2 517	53
2	13 531	12 563	601	367	10 234	4 788	1 074	847	1 008	1 328	1 053	136
3	13 885	13 525	263	97	3 658	2 581	359	130	368	147	73	—
4 or more	3 869	3 660	209	—	908	605	63	161	59	20	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	240	165	6	69	1 575	165	43	54	122	391	795	5
1965 to 1968	1 420	1 119	48	253	4 204	221	157	202	602	1 246	1 720	56
1960 to 1964	3 502	3 270	95	137	1 935	587	129	63	188	293	622	53
1950 to 1959	10 157	9 880	211	66	3 408	1 885	370	402	386	83	237	45
1940 to 1949	6 443	6 263	158	22	3 326	2 099	345	259	364	161	87	11
1939 or earlier	11 005	10 219	759	27	9 844	4 478	1 314	1 204	1 502	904	622	—
INCOME IN 1969												
Less than \$2,000	3 461	3 067	306	88	6 187	1 451	460	670	1 355	900	1 299	52
\$2,000 to \$2,999	1 841	1 689	117	35	2 366	822	214	224	398	264	430	14
\$3,000 to \$3,999	1 956	1 798	118	40	2 556	869	242	273	467	317	362	26
\$4,000 to \$4,999	1 882	1 738	87	57	2 217	890	205	254	275	242	339	12
\$5,000 to \$5,999	2 016	1 867	90	59	2 113	956	216	192	154	283	294	18
\$6,000 to \$6,999	1 989	1 862	68	59	1 682	662	160	126	108	200	209	17
\$7,000 to \$9,999	6 805	6 426	236	143	3 614	1 851	377	226	289	429	427	15
\$10,000 to \$14,999	7 397	7 146	168	83	2 427	1 298	214	139	88	310	367	11
\$15,000 to \$24,999	3 917	3 839	68	10	872	403	70	74	10	89	221	5
\$25,000 or more	1 503	1 484	19	—	258	33	20	6	20	44	135	—
Median	\$8 400	\$8 600	\$5 100	\$6 100	\$4 500	\$5 700	\$4 800	\$3 700	\$2 600	\$4 200	\$3 900	\$3 700
YEAR MOVED INTO UNIT												
1969 to March 1970	2 571	2 232	121	218	12 269	3 946	973	1 011	1 639	1 872	2 703	125
1968	1 734	1 621	37	76	3 278	1 287	298	364	359	412	551	7
1967	1 664	1 505	74	85	1 824	746	178	197	306	226	165	6
1965 and 1966	3 635	3 474	78	83	2 502	1 118	263	274	293	236	304	14
1960 to 1964	6 342	6 008	242	92	2 533	1 170	267	268	351	227	235	15
1950 to 1959	9 188	8 816	345	27	1 093	655	87	87	126	62	70	6
1949 or earlier	7 633	7 321	300	12	793	517	22	29	114	59	52	—
GROSS RENT												
Specified renter occupied .....	...	...	...	...	24 043	9 186	2 178	2 184	3 164	3 078	4 083	170
Less than \$50 .....	...	...	...	...	3 897	540	265	376	1 222	584	902	8
\$50 to \$59 .....	...	...	...	...	1 577	677	152	187	297	118	142	4
\$60 to \$69 .....	...	...	...	...	2 195	902	255	310	357	160	196	15
\$70 to \$79 .....	...	...	...	...	2 132	1 014	445	322	232	124	194	22
\$80 to \$99 .....	...	...	...	...	4 606	2 215	445	445	418	563	494	26
\$100 to \$119 .....	...	...	...	...	3 519	1 261	363	269	243	686	648	49
\$120 to \$149 .....	...	...	...	...	2 981	1 108	258	158	207	474	747	29
\$150 to \$199 .....	...	...	...	...	1 702	669	105	66	125	257	480	—
\$200 to \$299 .....	...	...	...	...	428	86	12	18	9	76	227	—
\$300 or more .....	...	...	...	...	14	5	—	—	—	5	4	—
No cash rent .....	...	...	...	...	992	709	99	33	54	31	49	17
Median .....	...	...	...	...	\$88	\$91	\$86	\$76	\$61	\$99	\$103	\$101
HEATING EQUIPMENT												
Steam or hot water	796	735	61	—	2 597	157	124	281	504	551	980	—
Warm-air furnace	7 380	6 831	403	146	4 533	1 407	475	556	575	642	853	25
Built-in electric units	15 311	14 783	393	135	8 721	2 995	698	561	822	1 565	2 059	21
Floor, wall, or pipeless furnace	984	867	64	53	731	377	89	91	122	—	48	4
Other means	8 256	7 660	356	240	7 699	4 495	785	695	1 141	320	143	120
None	40	40	—	—	11	4	7	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	16 735	15 993	435	307	7 299	2 692	629	493	527	1 164	1 723	71
Central system	3 063	2 851	100	112	2 751	236	89	139	172	826	1 283	6
None	12 969	12 133	662	174	14 242	6 511	1 370	1 598	2 489	1 104	1 074	96
AUTOMOBILES AVAILABLE												
1	14 055	13 133	550	372	11 713	4 638	1 077	1 081	1 209	1 576	2 031	101
2	12 216	11 787	320	109	4 327	2 228	29	300	274	538	655	13
3 or more	2 236	2 206	30	—	448	281	29	32	38	22	46	—
None	4 260	3 851	297	112	7 804	2 292	663	817	1 667	958	1 348	59

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]

Knoxville	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	32 767	575	3 121	4 923	10 857	4 206	810	241	2 392	1 285	2 069	2 288
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	32 148	569	3 111	4 892	10 737	4 116	789	231	2 316	1 227	2 027	2 133
0.50 or less	19 212	232	839	1 093	6 714	3 467	374	155	1 316	884	2 011	2 127
0.51 to 1.00	11 511	326	2 005	3 288	3 656	625	336	71	853	329	16	6
1.01 to 1.50	1 146	7	196	453	285	14	68	5	109	9	-	-
1.51 or more	279	4	71	58	82	10	11	-	38	5	-	-
Lacking some or all plumbing facilities	619	6	10	31	120	90	21	10	76	58	42	155
0.50 or less	349	6	-	6	35	35	-	10	19	41	42	155
0.51 to 1.00	166	-	6	4	49	36	15	-	39	17	-	-
1.01 to 1.50	82	-	4	21	31	6	6	-	14	-	-	-
1.51 or more	22	-	-	-	5	13	-	-	4	-	-	-
UNITS IN STRUCTURE												
1	30 916	451	2 969	4 804	10 534	3 972	780	235	2 226	1 169	1 792	1 982
2 or more	1 277	33	65	86	250	209	21	6	121	97	133	256
Mobile home or trailer	574	91	87	31	73	25	9	-	45	19	144	50
INCOME IN 1969												
Less than \$2,000	3 461	26	40	31	246	458	79	27	336	332	512	1 374
\$2,000 to \$2,999	1 841	6	9	44	225	550	40	24	188	164	242	349
\$3,000 to \$3,999	1 956	14	83	50	266	576	26	27	298	109	309	198
\$4,000 to \$4,999	1 882	53	75	69	462	408	59	35	294	83	246	98
\$5,000 to \$5,999	2 016	43	205	141	554	353	74	6	276	130	190	44
\$6,000 to \$6,999	1 989	53	222	293	633	322	50	6	196	62	125	27
\$7,000 to \$9,999	6 805	237	1 078	1 155	2 469	600	168	50	434	231	297	86
\$10,000 to \$14,999	7 397	105	1 051	1 892	3 117	549	189	45	216	97	89	47
\$15,000 to \$24,999	3 917	23	257	953	2 087	249	90	21	123	42	37	35
\$25,000 or more	1 503	15	101	295	798	141	35	-	31	35	22	30
Median	\$8 400	\$8 200	\$9 600	\$11 800	\$10 900	\$5 300	\$8 400	\$6 300	\$5 300	\$4 500	\$3 900	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied¹	30 364	451	2 950	4 775	10 324	3 871	775	229	2 163	1 159	1 771	1 896
Less than 1.5	14 979	278	1 709	3 025	6 593	1 311	382	96	727	386	365	107
1.5 to 1.9	5 297	70	638	1 069	1 794	575	177	36	348	162	318	110
2.0 to 2.4	2 644	43	317	320	743	468	54	28	280	95	182	114
2.5 to 2.9	1 774	13	140	176	450	321	32	31	209	93	205	104
3.0 to 3.9	1 768	24	79	85	397	436	46	13	228	90	202	168
4.0 or more	3 647	17	67	95	331	749	74	25	305	322	422	1 240
Not computed	255	6	-	5	16	11	10	-	66	11	77	53
Renter occupied housing units	24 292	3 026	3 749	1 658	2 639	1 023	1 547	130	3 408	515	4 290	2 307
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	23 239	2 962	3 684	1 611	2 558	974	1 513	120	3 342	484	3 918	2 073
0.50 or less	10 195	789	859	253	803	448	452	64	883	267	3 539	1 838
0.51 to 1.00	10 893	1 991	2 384	951	1 366	483	927	52	1 938	187	379	235
1.01 to 1.50	1 597	144	350	288	274	23	83	4	415	16	-	-
1.51 or more	554	38	91	119	115	20	51	-	106	14	-	-
Lacking some or all plumbing facilities	1 053	64	65	47	81	49	34	10	66	31	372	234
0.50 or less	301	10	-	6	4	21	10	-	12	129	109	109
0.51 to 1.00	656	44	43	22	57	22	19	10	52	19	243	125
1.01 to 1.50	53	10	13	12	4	-	-	-	14	-	-	-
1.51 or more	43	-	9	7	16	6	5	-	-	-	-	-
UNITS IN STRUCTURE												
1	9 435	892	1 886	1 149	1 782	521	472	85	1 301	210	789	348
2 to 4	4 362	755	635	203	355	153	261	9	667	72	818	434
5 to 19	6 242	698	768	176	219	183	549	31	1 173	163	1 613	669
20 or more	4 083	629	451	114	267	166	260	5	251	64	1 030	846
Mobile home or trailer	170	52	9	16	16	6	5	-	16	6	40	10
GROSS RENT												
Specified renter occupied²	24 043	2 990	3 700	1 641	2 577	1 012	1 531	125	3 389	510	4 261	2 307
Less than \$50	3 897	135	162	66	239	226	84	35	909	156	815	1 070
\$50 to \$59	1 577	124	170	79	163	98	70	11	269	40	355	198
\$60 to \$69	2 195	199	192	129	263	112	123	16	346	42	611	162
\$70 to \$79	2 132	283	273	196	371	106	117	18	248	52	349	119
\$80 to \$99	4 606	879	836	369	570	169	229	14	567	103	667	203
\$100 to \$119	3 519	791	757	214	263	82	315	14	400	44	484	155
\$120 to \$149	2 981	414	604	260	249	71	313	12	386	6	549	117
\$150 to \$199	1 702	93	517	179	193	46	212	-	167	23	192	80
\$200 to \$299	428	15	60	64	82	45	40	-	32	-	46	44
\$300 or more	14	-	-	-	9	-	5	-	-	-	-	-
No cash rent	992	57	129	85	175	57	23	5	65	44	193	159
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied²	24 043	2 990	3 700	1 641	2 577	1 012	1 531	125	3 389	510	4 261	2 307
Less than \$5,000	13 205	1 444	749	406	799	633	1 045	106	2 545	398	3 034	2 046
Less than 20 percent	1 642	131	145	62	188	81	72	-	401	54	366	142
20 to 24 percent	1 515	174	113	73	117	85	76	13	335	36	349	144
25 to 34 percent	2 776	425	209	101	227	186	110	22	485	113	528	370
35 percent or more	6 105	625	230	137	230	226	693	54	1 174	157	1 388	1 191
Not computed	1 167	89	52	33	37	55	94	17	150	38	403	199
\$5,000 to \$9,999	7 334	1 283	1 915	701	966	245	346	14	688	96	914	166
Less than 20 percent	4 860	847	1 240	468	731	190	193	14	413	80	591	93
20 to 24 percent	1 274	254	361	110	130	22	73	-	144	4	129	47
25 to 34 percent	844	141	235	101	28	22	48	-	91	6	149	21
35 percent or more	95	19	13	9	-	9	22	-	7	-	16	-
Not computed	261	22	66	13	77	-	10	-	33	6	29	5
\$10,000 to \$14,999	2 400	239	769	349	475	78	92	5	121	16	184	72
Less than 20 percent	2 141	223	712	296	408	63	75	5	112	16	175	56
20 to 24 percent	128	16	33	9	19	5	12	-	9	-	9	16
25 percent or more	15	-	-	-	-	-	5	-	-	-	-	-
Not computed	116	-	24	44	48	-	-	-	-	-	-	-
\$15,000 or more	1 104	24	267	185	337	56	48	-	35	-	129	23
Less than 20 percent	1 039	24	256	172	309	48	48	-	30	-	129	23
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	65	-	11	13	28	8	-	-	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 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]

Knoxville	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	32 767	4 357	11 348	6 460	5 180	2 942	1 424	647	409	2.6
BEDROOMS										
None and 1	1 549	662	738	96	35	18	—	—	—	1.7
2	13 531	2 494	6 461	2 493	1 349	495	96	102	41	2.2
3	13 885	1 059	3 489	3 440	3 172	1 734	543	308	140	3.2
4 or more	3 869	185	800	656	546	731	400	376	175	4.0
YEAR STRUCTURE BUILT										
1969 to March 1970	240	29	75	53	33	16	19	5	10	2.8
1965 to 1968	1 420	149	318	291	299	208	124	9	22	3.3
1960 to 1964	3 502	189	917	808	860	475	164	79	10	3.3
1950 to 1959	10 157	843	3 076	2 360	1 996	1 120	421	189	152	3.0
1940 to 1949	6 443	993	2 422	1 222	938	437	233	133	65	2.4
1939 or earlier	11 005	2 154	4 540	1 726	1 054	686	463	232	150	2.2
UNITS IN STRUCTURE										
1	30 916	3 774	10 613	6 164	5 065	2 882	1 377	642	399	2.7
2 or more	1 277	389	520	184	91	36	42	5	10	2.0
Mobile home or trailer	574	194	215	112	24	24	5	—	—	1.9
COMPLETE BATHROOMS										
1 and 1 1/2	24 435	3 617	8 804	4 847	3 514	1 954	1 021	434	244	2.5
2 and 2 1/2	6 261	487	2 003	1 228	1 284	671	345	101	142	3.0
3 or more	1 374	76	248	228	381	255	125	42	19	3.9
None or also used by another household	697	191	236	77	67	72	28	26	—	2.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	28 410	....	11 348	6 460	5 180	2 942	1 424	647	409	2.9
Male head, wife present, no nonrelatives	23 682	....	9 028	5 311	4 577	2 617	1 279	527	343	3.0
Under 25 years	575	....	196	141	195	32	7	—	4	3.0
25 to 34 years	3 121	....	413	755	1 050	572	200	65	66	3.9
35 to 44 years	4 923	....	441	872	1 425	1 179	625	241	140	4.3
45 to 64 years	10 857	....	4 711	2 820	1 805	779	403	217	122	2.8
65 years and over	4 206	....	3 267	669	156	55	44	4	11	2.1
Other male head	1 051	....	415	309	135	90	56	20	26	2.9
Under 65 years	810	....	274	247	102	90	56	20	21	3.0
65 years and over	241	....	141	62	33	—	—	—	5	2.4
Female head	3 677	....	1 905	840	468	235	89	100	40	2.5
Under 65 years	2 392	....	1 106	565	346	175	65	95	40	2.7
65 years and over	1 285	....	799	275	122	60	24	5	—	2.3
One-person households	4 357	4 357	....	....	....	....	....	....	....	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	30 364	3 667	10 415	6 025	4 999	2 862	1 366	631	399	2.7
Less than 1.5	14 979	472	4 596	3 627	3 037	1 664	832	476	275	3.2
1.5 to 1.9	5 297	428	1 766	1 049	1 023	648	257	72	54	2.9
2.0 to 2.4	2 644	296	1 107	458	351	267	108	24	33	2.4
2.5 to 2.9	1 774	309	672	280	289	128	63	15	18	2.4
3.0 to 3.9	1 768	370	835	282	154	62	51	5	9	2.1
4.0 or more	3 647	1 662	1 378	308	124	82	55	28	10	1.6
Not computed	255	130	61	21	21	11	—	11	—	1.5
Renter occupied housing units	24 292	6 597	7 722	4 201	2 648	1 489	753	481	401	2.2
BEDROOMS										
None	1 207	1 082	102	23	—	—	—	—	—	1.1
1	8 460	4 111	3 348	792	100	51	38	20	—	1.5
2	10 234	1 358	3 650	2 678	1 380	503	328	239	98	2.5
3 or more	4 566	97	585	621	1 290	785	552	181	455	4.3
YEAR STRUCTURE BUILT										
1969 to March 1970	1 575	717	460	225	119	18	24	12	—	1.7
1965 to 1968	4 204	930	1 989	784	262	141	53	29	16	2.1
1960 to 1964	1 935	648	661	317	183	59	31	14	22	2.0
1950 to 1959	3 408	550	949	711	484	391	127	103	71	2.8
1940 to 1949	3 326	738	892	659	500	251	137	77	92	2.6
1939 or earlier	9 844	3 014	2 771	1 505	1 098	629	381	246	200	2.2
UNITS IN STRUCTURE										
1	9 435	1 137	2 456	1 957	1 676	996	557	358	298	3.1
2	2 178	536	709	496	243	102	58	30	4	2.3
3 and 4	2 184	716	796	324	135	84	31	42	56	2.0
5 to 9	3 164	1 136	845	469	305	235	96	43	35	2.0
10 to 19	3 078	1 146	1 157	534	189	35	5	8	4	1.8
20 or more	4 083	1 876	1 680	380	100	37	6	—	4	1.6
Mobile home or trailer	170	50	79	41	—	—	—	—	—	1.9
COMPLETE BATHROOMS										
1 and 1 1/2	22 201	5 817	7 321	3 907	2 309	1 442	652	441	312	2.2
2 or more	887	139	253	221	136	65	27	29	17	2.7
None or also used by another household	1 204	618	237	155	95	33	31	16	19	1.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	17 695	....	7 722	4 201	2 648	1 489	753	481	401	2.8
Male head, wife present, no nonrelatives	12 095	....	4 929	2 979	1 944	1 079	549	332	283	2.9
Under 25 years	3 026	....	1 708	973	230	54	42	14	5	2.4
25 to 34 years	3 749	....	1 165	938	906	454	172	79	35	3.3
35 to 44 years	1 658	....	309	257	370	290	199	107	126	4.2
45 to 64 years	2 639	....	1 037	630	363	254	125	118	112	2.9
65 years and over	1 023	....	710	181	75	27	11	14	5	2.2
Other male head	1 677	....	1 071	359	112	53	27	41	14	2.3
Under 65 years	1 547	....	967	339	106	53	27	41	14	2.3
65 years and over	130	....	104	20	6	—	—	—	—	2.1
Female head	3 923	....	1 722	863	592	357	177	108	104	2.8
Under 65 years	3 408	....	1 357	771	544	351	177	104	104	3.0
65 years and over	515	....	365	92	48	6	—	4	—	2.2
One-person households	6 597	6 597	....	....	....	....	....	....	....	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	24 043	6 568	7 640	4 150	2 609	1 458	748	474	396	2.2
Less than 10 percent	1 887	286	655	349	268	122	103	58	46	2.5
10 to 14 percent	3 669	519	1 201	850	547	252	104	116	80	2.6
15 to 19 percent	4 126	770	1 222	791	554	373	181	119	116	2.6
20 to 24 percent	2 917	694	990	466	392	188	106	52	29	2.3
25 to 34 percent	3 435	1 068	1 162	625	354	242	103	43	38	2.1
35 percent or more	6 200	2 595	1 978	839	323	212	124	78	51	1.8
Not computed	1 609	636	432	230	171	69	27	8	36	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]

Knoxville					Knoxville				
	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	493	162	160	171	Vacant for rent	2 440	1 542	659	239
ROOMS					ROOMS				
1 to 3 rooms	12	-	4	8	1 room	118	95	17	6
4 rooms	95	37	32	26	2 rooms	240	195	25	20
5 rooms	187	63	52	72	3 rooms	861	536	276	49
6 rooms	125	41	44	40	4 rooms	689	450	160	79
7 rooms or more	74	21	28	25	5 rooms	357	175	116	66
					6 rooms	121	68	49	4
					7 rooms or more	54	23	16	15
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	447	158	148	141	With all plumbing facilities	2 262	1 430	637	195
Lacking some or all plumbing facilities	46	4	12	30	Lacking some or all plumbing facilities	178	112	22	44
BEDROOMS					BEDROOMS				
None and 1	-	-	-	-	None	64	64	-	-
2	279	104	105	70	1	1 108	750	185	173
3	213	63	72	78	2	983	552	331	100
4 or more	39	-	-	39	3 or more	298	128	118	52
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	17	4	-	13	1969 to March 1970	434	217	213	4
1960 to 1968	88	43	22	23	1960 to 1968	375	310	34	31
1950 to 1959	104	40	52	12	1950 to 1959	243	148	57	38
1949 or earlier	284	75	86	123	1949 or earlier	1 388	867	355	166
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	481	159	160	162	1	713	357	220	136
2 or more	12	3	-	9	2 to 4	476	284	155	37
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	17	3	-	14	5 to 9	439	284	122	33
Warm-air furnace	115	18	45	52	10 to 19	302	244	42	16
Built-in electric units	177	94	51	32	20 or more	510	373	120	17
Floor, wall, or pipeless furnace	26	13	13	-					
Other means	158	34	51	73					
None	-	-	-	-					
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	461	157	150	154	Specified vacant for rent ²	2 419	1 521	659	239
Less than \$5,000	71	14	27	30	Less than \$50	721	312	274	135
\$5,000 to \$9,999	170	51	58	61	\$50 to \$59	277	168	76	33
\$10,000 to \$14,999	107	46	28	33	\$60 to \$79	470	327	108	35
\$15,000 to \$19,999	50	22	10	18	\$80 to \$99	340	271	48	21
\$20,000 to \$24,999	38	20	18	-	\$100 to \$119	186	151	30	5
\$25,000 to \$34,999	7	-	-	7	\$120 to \$149	180	164	16	-
\$35,000 to \$49,999	14	-	9	5	\$150 to \$199	119	85	29	5
\$50,000 or more	4	4	-	4	\$200 or more	126	43	78	5
Median price asked	\$9 700	\$11 500	\$9 400	\$7 900	Median rent asked	\$69	\$77	\$57	\$47

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]

Knoxville	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	461	241	107	50	38	7	18	2 419	998	470	340	366	119	126
PLUMBING FACILITIES														
With all plumbing facilities	428	202	129	42	38	-	17	2 236	743	436	403	294	186	174
Lacking some or all plumbing facilities	51	51	-	-	-	-	-	217	195	-	-	22	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	1 172	437	290	185	99	48	113
2	227	154	73	-	-	-	-	983	438	84	142	136	122	61
3	213	99	34	42	38	-	-	212	47	62	22	81	-	-
4 or more	39	-	22	-	-	-	17	86	16	-	54	-	16	-
YEAR STRUCTURE BUILT														
1969 to March 1970	13	-	4	6	-	3	-	434	105	9	74	88	41	117
1960 to 1968	75	21	24	5	21	-	4	370	50	58	88	108	61	5
1950 to 1959	101	34	32	18	8	-	9	240	104	44	31	56	5	-
1949 or earlier	272	186	47	21	9	4	5	1 375	739	359	147	114	12	4
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	692	391	138	59	95	9	-
2 to 4	...	...	...	...	...	...	...	476	220	161	56	35	4	-
5 to 19	...	...	...	...	...	...	...	741	322	97	151	116	29	26
20 or more	...	...	...	...	...	...	...	510	65	74	74	120	77	100
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	623	324	143	83	47	12	14
Some or no utilities included	...	...	...	...	...	...	...	1 796	674	327	257	319	107	112

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
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USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

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

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

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

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

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

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

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

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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>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 style="text-align: center;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1"> <thead> <tr> <th>a4. Block number</th> <th>a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>1 0 0 0</td><td>1 0 0 0</td></tr> <tr><td>2 0 0 0</td><td>2 0 0 0</td></tr> <tr><td>3 0 0 0</td><td>3 0 0 0</td></tr> <tr><td>4 0 0 0</td><td>4 0 0 0</td></tr> <tr><td>5 0 0 0</td><td>5 0 0 0</td></tr> <tr><td>6 0 0 0</td><td>6 0 0 0</td></tr> <tr><td>7 0 0 0</td><td>7 0 0 0</td></tr> <tr><td>8 0 0 0</td><td>8 0 0 0</td></tr> <tr><td>9 0 0 0</td><td>9 0 0 0</td></tr> </tbody> </table>	a4. Block number	a5. Serial number	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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<p>Answer these questions for your living quarters</p>	<p>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. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p style="text-align: right;"><i>Phone number</i></p>	<p>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 style="font-size: small;"><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p>	<p>B. 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>H12. 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>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</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>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</p>																						
<p>H13. 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>H12. Answer this question if you pay rent for your living quarters.</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>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>H14. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room</p> <p><input type="radio"/> 2 rooms</p> <p><input type="radio"/> 3 rooms</p> <p><input type="radio"/> 4 rooms</p> <p><input type="radio"/> 5 rooms</p> <p><input type="radio"/> 6 rooms</p> <p><input type="radio"/> 7 rooms</p> <p><input type="radio"/> 8 rooms</p> <p><input type="radio"/> 9 rooms or more</p>	<p>H15. 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>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>H15. 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>H16. 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>C/O <input type="radio"/> <input type="radio"/></p>																						
<p>H16. 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>H17. 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>C/O <input type="radio"/> <input type="radio"/></p>																						
<p>H17. 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>H18. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>	<p>C/O <input type="radio"/> <input type="radio"/></p>																						
<p>H18. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>	<p>H18. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>	<p>C/O <input type="radio"/> <input type="radio"/></p>																						

APPENDIX B—Continued

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

<p>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> <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> <p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p>H19. Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H20. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p>
<p>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 type="radio"/> 1940 to 1949</p> <p><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 <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p>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 type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>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</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
<p>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)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

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

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used <i>Average monthly cost</i></p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used <i>Average monthly cost</i></p> <p>c. Water? <input type="radio"/> Yes, yearly cost is \$ _____ .00 <input type="radio"/> No, included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used <i>Yearly cost</i></p>	<p>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? Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/> Electricity <input type="radio"/> Other fuel .. <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <p>b. Which fuel is used most for house heating? Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/> Electricity <input type="radio"/> Other fuel .. <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></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 type="radio"/> 1950 to 1959 <input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1940 to 1949 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier	<p>H25c. Which fuel is used most for water heating? Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/> Electricity <input type="radio"/> Other fuel .. <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes. <input type="radio"/> No bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms <input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p>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>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>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>H17. Is this building— <input type="radio"/> On a city or suburban lot?— Skip to H24 <input type="radio"/> On a place of less than 10 acres? <input type="radio"/> On a place of 10 acres or more?</p>	<p>H27b. 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</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to— <input type="radio"/> Less than \$50 (or None) <input checked="" type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p>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</p> <p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation. <input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year? <input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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
VACANCY CHARACTERISTICS		Dishwasher	5
Vacant for sale	20	Home food freezer	5
Vacant for rent	20		
Duration of vacancy	20	FINANCIAL CHARACTERISTICS	
UTILIZATION CHARACTERISTICS		Value	20
Number of rooms	20	Sales price asked	20
Size of household (persons)	20	Gross rent	20
Persons per room	20	Rent asked	20
Bedrooms	5	Inclusion of utilities in rent	20
PLUMBING CHARACTERISTICS		Value-income ratio	20
Plumbing facilities	20	Gross rent as percentage of income	20
Complete bathrooms	15	HOUSEHOLD CHARACTERISTICS	
STRUCTURAL CHARACTERISTICS		Household composition	20
Complete kitchen facilities	20	Income	20
Access	20		
Units in structure	20		
Mobile home or trailer	20		
Year structure built	20		
Elevator in structure	5		

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

	<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

APPENDIX C—Continued

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

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

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

■ Series HC(1)-A.

GENERAL HOUSING CHARACTERISTICS

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

■ Series HC(1)-B.

DETAILED HOUSING CHARACTERISTICS

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

Volume II.

METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

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

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

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

■ Series PC(1)-A.

NUMBER OF INHABITANTS.

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

■ Series PC(1)-B.

GENERAL POPULATION CHARACTERISTICS

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

■ Series PC(1)-C.

GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

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

APPENDIX D—Continued

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume II.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

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

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

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

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

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

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

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

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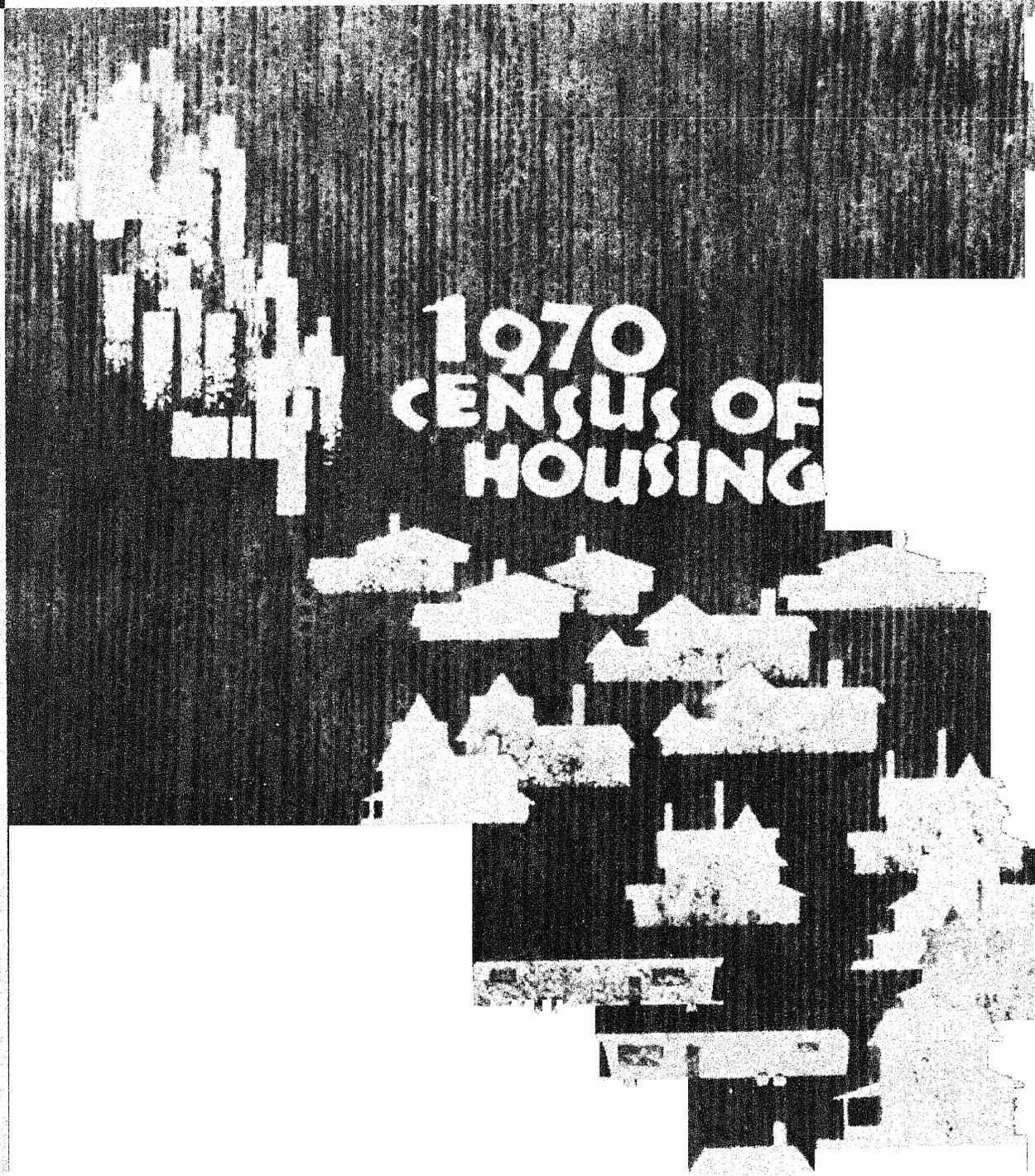
A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

LA CROSSE, WIS.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-104



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Robert L. Hagan, Acting Deputy Director
Conrad Taeuber, Associate Director
Daniel B. Levine, Acting Deputy Associate Director
David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

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 **Dean 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. Siye** 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. Datzell** 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. 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 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**, **Soi 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)-104
La Crosse, Wis. SMSA
U.S. Government Printing Office
Washington, D.C. 1972

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**1970
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Metropolitan
Housing
Characteristics

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

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

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

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

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	9 ¹	9	9	—	—	—	9
UTILIZATION CHARACTERISTICS										
Number of rooms	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	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†	—	—

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

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

La Crosse, Wis.

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 104.]

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	—	—
La Crosse	B	10 to 18	—	—

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

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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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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	13 900	181	632	1 153	1 676	1 796	3 840	2 559	1 331	479	253	16 900	
ROOMS													
1 and 2 rooms	51	37	4	—	—	5	5	—	—	—	—	7 600	
3 rooms	1 779	8	79	45	43	—	4	—	—	—	—	13 400	
4 rooms	1 788	39	127	239	338	411	505	119	10	—	—	16 500	
5 rooms	4 435	51	180	389	494	638	1 453	872	314	39	5	18 000	
6 rooms	3 637	33	132	257	414	396	1 046	820	391	126	22	18 500	
7 rooms	2 172	13	86	169	225	215	537	472	317	93	45	18 500	
8 rooms or more	1 638	—	24	54	162	131	290	276	299	221	181	22 900	
Median	5.6	4.6	5.1	5.3	5.4	5.3	5.5	5.9	6.4	7.3	7.5+	...	
PERSONS													
1 person	1 889	93	218	314	309	280	378	157	95	39	6	12 600	
2 persons	4 164	45	213	368	613	653	1 197	578	321	114	62	15 800	
3 persons	2 179	28	78	187	218	221	566	493	262	75	51	17 700	
4 persons	2 053	5	38	105	194	281	678	429	223	82	18	18 000	
5 persons	1 673	—	35	89	146	152	499	443	185	59	65	19 200	
6 persons or more	1 942	10	50	90	196	209	522	459	245	110	51	19 000	
Median	2.9	1.5	2.0	2.2	2.4	2.4	3.1	3.6	3.5	3.6	3.9	...	
Units with roomers, boarders, or lodgers	245	—	4	32	42	21	69	30	31	11	5	17 900	
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	13 677	97	576	1 105	1 654	1 788	3 835	2 559	1 331	479	253	17 000	
0.50 or less	7 290	76	394	689	1 019	1 020	1 909	1 028	673	291	191	16 100	
0.51 to 1.00	5 589	16	157	376	523	671	1 654	1 351	591	188	62	18 200	
1.01 to 1.50	697	—	21	36	91	78	224	180	67	—	—	17 700	
1.51 or more	101	5	4	4	21	19	48	—	—	—	—	14 700	
Lacking some or all plumbing facilities	223	84	56	48	22	8	5	—	—	—	—	4 200	
0.50 or less	162	51	42	43	16	5	—	—	—	—	—	6 800	
0.51 to 1.00	51	23	14	5	6	3	—	—	—	—	—	...	
1.01 to 1.50	10	—	—	—	—	—	—	—	—	—	—	...	
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	...	
BEDROOMS													
None and 1	632	25	184	204	105	96	18	—	—	—	—	8 800	
2	3 907	78	210	586	574	574	1 155	594	126	77	—	15 000	
3	5 979	16	136	357	435	769	1 894	1 404	769	103	95	18 500	
4 or more	3 264	19	119	182	496	393	741	647	290	230	147	18 400	
YEAR STRUCTURE BUILT													
1969 to March 1970	300	—	6	6	—	10	68	79	89	8	34	23 800	
1965 to 1968	1 295	7	—	4	—	10	29	292	477	288	133	25	23 200
1960 to 1964	1 047	5	15	17	12	24	320	383	189	57	25	21 700	
1950 to 1959	3 061	15	29	56	164	275	1 045	833	426	149	69	19 700	
1940 to 1949	1 803	18	60	79	212	333	679	255	98	42	27	16 200	
1939 or earlier	6 394	136	522	991	1 278	1 125	1 436	532	241	90	43	13 100	
COMPLETE BATHROOMS													
1 and 1 1/2	11 729	103	546	1 032	1 558	1 696	3 516	2 137	856	231	54	16 200	
2 and 2 1/2	1 714	—	7	35	94	73	273	400	471	232	129	24 700	
3 or more	174	—	—	—	—	—	6	14	55	41	58	39 400	
None or also used by another household	287	85	59	66	37	20	20	—	—	—	—	7 500	
HOUSEHOLD COMPOSITION													
Two-or-more-person households	12 011	88	414	839	1 367	1 516	3 462	2 402	1 236	440	247	17 500	
Male head, wife present, no nonrelatives	10 809	69	358	712	1 131	1 356	3 134	2 262	1 151	399	237	17 700	
Under 25 years	167	4	5	13	5	15	72	38	15	—	—	18 000	
25 to 34 years	1 757	8	29	59	180	200	478	562	200	37	4	19 300	
35 to 44 years	2 465	10	47	133	191	263	683	603	337	107	91	19 400	
45 to 64 years	4 669	32	155	315	511	582	1 408	853	485	214	114	17 300	
65 years and over	1 751	15	122	192	244	296	493	206	114	41	28	15 100	
Other male head	10	10	—	44	63	24	125	42	16	10	5	16 500	
Under 65 years	359	5	—	24	49	19	88	42	16	10	5	17 100	
65 years and over	258	5	—	20	14	5	37	20	—	—	—	15 600	
Female head	101	5	—	20	173	136	203	78	69	31	5	14 300	
Under 65 years	843	9	56	83	89	91	125	66	64	26	5	15 600	
65 years and over	538	—	29	43	84	45	78	12	5	—	—	12 300	
65 years and over	305	—	27	40	309	280	378	157	95	39	6	12 600	
One-person households	1 889	93	218	314	1 111	1 070	1 777	69	48	8	—	13 500	
Under 65 years	729	9	78	122	198	173	201	88	47	31	6	12 100	
65 years and over	1 160	84	140	192	—	—	—	—	—	—	—	—	
INCOME IN 1969													
Less than \$2,000	1 239	91	150	249	175	142	258	103	51	20	—	11 900	
\$2,000 to \$2,999	848	19	61	114	141	175	241	68	25	4	—	13 800	
\$3,000 to \$3,999	647	9	80	87	149	150	119	55	9	—	—	12 500	
\$4,000 to \$4,999	614	8	44	68	138	139	134	50	28	5	—	13 400	
\$5,000 to \$5,999	645	18	49	60	110	134	182	66	20	—	—	14 100	
\$6,000 to \$6,999	748	5	45	120	130	144	195	65	44	—	—	13 800	
\$7,000 to \$9,999	2 974	22	101	284	391	361	999	624	163	20	9	16 600	
\$10,000 to \$14,999	3 893	9	93	132	359	493	1 226	1 023	440	82	36	18 500	
\$15,000 to \$24,999	1 728	—	9	30	78	74	412	455	417	192	61	22 900	
\$25,000 or more	564	—	—	9	5	4	74	50	134	147	141	35 600	
Median	\$9 200	\$2 000	\$4 600	\$6 000	\$7 000	\$7 300	\$9 400	\$11 200	\$13 700	\$20 200	\$28 500	...	
YEAR MOVED INTO UNIT													
1969 to March 1970	1 026	6	45	27	28	74	208	330	225	42	41	21 900	
1968	984	7	6	85	41	133	175	294	133	90	20	20 800	
1967	620	9	—	30	85	60	189	88	110	49	—	18 200	
1965 and 1966	1 522	—	37	95	149	120	376	407	204	71	63	19 800	
1960 to 1964	2 353	30	81	193	255	257	672	523	238	75	29	17 400	
1950 to 1959	4 113	59	163	234	511	580	1 268	694	372	159	73	16 800	
1949 or earlier	3 286	77	280	469	620	565	927	215	100	18	15	13 400	
HEATING EQUIPMENT													
Steam or hot water	1 010	—	22	67	64	87	238	242	159	74	57	20 600	
Warm-air furnace	11 792	56	355	818	1 477	1 621	3 497	2 273	1 123	376	196	17 100	
Built-in electric units	195	—	5	18	9	23	33	29	49	29	—	21 600	
Floor, wall, or pipeless furnace	130	10	50	42	24	—	4	—	—	—	—	7 800	
Other means	769	115	196	208	102	65	68	15	—	—	—	8 400	
None	4	—	4	—	—	—	—	—	—	—	—	...	
AIR CONDITIONING													
Room units	3 313	11	84	180	350	518	1 035	722	288	109	16	17 200	
Central system	1 598	—	—	22	33	64	299	415	358	223	184	24 600	
None	8 993	177	528	931	1 306	1 207	2 481	1 414	736	172	41	15 600	

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

The SMSA

Specified renter occupied¹

ROOMS

1 room	371	179	30	12	25	94	13	5	8	-	-	5	51
2 rooms	463	75	76	68	36	81	61	40	17	-	-	9	72
3 rooms	1 420	196	100	154	155	406	166	139	41	12	-	51	84
4 rooms	1 909	52	107	113	222	428	348	305	256	40	5	33	101
5 rooms	1 584	38	42	65	85	384	331	326	200	50	4	59	109
6 rooms	717	9	40	29	48	76	137	117	161	55	5	40	120
7 rooms	276	-	4	9	5	34	22	63	65	39	-	35	142
8 rooms or more	205	-	-	-	5	24	20	40	33	23	6	54	140
Median	4.1	2.6	3.4	3.4	3.8	3.9	4.4	4.6	4.8	5.6	...	5.3	...

PERSONS

1 person	2 078	448	262	252	192	396	172	168	87	10	-	91	72
2 persons	1 950	78	50	127	195	586	343	306	145	48	-	72	97
3 persons	1 179	19	38	32	108	268	245	224	157	32	14	42	108
4 persons	912	-	28	16	43	165	167	206	214	47	-	26	123
5 persons	432	4	6	5	9	69	96	67	97	61	-	18	128
6 persons or more	394	-	15	18	34	43	75	64	81	21	6	37	118
Median	2.2	1.1	1.3	1.4	2.0	2.1	2.6	2.7	3.5	3.9	...	2.2	...
Units with roomers, boarders, or lodgers	363	14	9	16	16	74	38	97	59	27	9	4	124

PLUMBING FACILITIES BY PERSONS PER ROOM

With all plumbing facilities	6 460	318	287	409	550	1 500	1 094	1 021	777	219	20	265	101
0.50 or less	3 066	258	198	279	287	660	443	460	261	81	5	134	91
0.51 to 1.00	2 969	49	78	116	231	751	545	506	459	99	15	120	107
1.01 to 1.50	331	5	11	14	13	56	88	46	48	39	-	11	114
1.51 or more	94	6	-	-	19	33	18	9	-	-	-	-	...
Lacking some or all plumbing facilities	485	231	112	41	31	27	4	14	4	-	-	21	50
0.50 or less	223	70	72	41	15	5	-	4	-	-	-	16	55
0.51 to 1.00	242	151	34	-	16	22	4	6	4	-	-	5	50-
1.01 to 1.50	10	-	6	-	-	-	-	4	-	-	-	-	...
1.51 or more	10	10	-	-	-	-	-	-	-	-	-	-	...

BEDROOMS

None	509	190	63	24	48	123	24	20	17	-	-	-	61
1	2 022	339	126	269	182	590	194	154	86	20	-	62	82
2	2 767	18	139	150	298	565	639	559	318	40	21	20	106
3 or more	1 603	-	20	-	-	307	354	272	445	86	18	101	128

YEAR STRUCTURE BUILT

1969 to March 1970	143	9	17	-	7	5	7	33	37	22	6	-	144
1965 to 1968	579	91	10	17	12	65	32	112	180	36	-	24	134
1960 to 1964	370	62	24	20	24	36	37	57	83	17	-	10	108
1950 to 1959	407	-	4	14	4	71	82	85	81	31	-	35	124
1940 to 1949	357	7	8	11	10	75	76	53	81	20	-	16	116
1939 or earlier	5 089	380	336	388	524	1 275	864	695	319	93	14	201	92

ELEVATOR IN STRUCTURE

4 floors or more	315	180	-	-	-	68	43	24	-	-	-	-	...
With elevator	315	180	-	-	-	68	43	24	-	-	-	-	...
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	6 586	367	348	443	528	1 517	1 168	981	866	146	39	183	100

COMPLETE BATHROOMS

1 and 1 1/2	6 133	290	286	370	552	1 504	1 037	1 029	653	199	7	206	99
2 or more	256	15	-	-	6	-	17	23	80	38	6	71	170
None or also used by another household	582	239	133	60	41	32	4	15	20	-	-	38	52

INCOME IN 1969

Less than \$2,000	1 517	346	137	132	98	299	107	145	111	42	9	91	80
\$2,000 to \$2,999	648	65	53	68	58	177	91	69	41	7	-	19	87
\$3,000 to \$3,999	569	39	45	69	43	155	107	82	22	-	-	7	90
\$4,000 to \$4,999	432	20	50	42	64	115	55	57	16	-	-	13	85
\$5,000 to \$5,999	480	28	29	41	31	151	88	57	35	-	-	32	92
\$6,000 to \$6,999	520	10	25	25	67	134	54	115	58	4	-	26	97
\$7,000 to \$9,999	1 409	31	37	58	120	314	295	238	216	51	-	47	108
\$10,000 to \$14,999	1 024	10	17	10	79	155	254	221	170	58	11	39	117
\$15,000 to \$24,999	302	-	6	-	16	25	47	46	101	49	-	12	152
\$25,000 or more	44	-	-	5	5	-	-	17	11	6	-	-	...
Median	\$5 700	\$2000-	\$3 200	\$3 400	\$5 900	\$5 100	\$7 500	\$7 100	\$8 500	\$10 300	...	\$5 400	...

YEAR MOVED INTO UNIT

1969 to March 1970	2 871	114	114	74	234	580	508	593	468	149	7	30	112
1968	1 216	109	34	56	93	298	231	174	123	58	6	34	100
1967	424	13	-	52	14	129	75	86	39	-	-	16	99
1965 and 1966	668	52	76	83	48	142	67	125	32	18	-	25	93
1960 to 1964	826	106	77	80	78	189	104	79	71	-	-	42	84
1950 to 1959	610	90	35	53	83	158	53	10	11	12	-	105	79
1949 or earlier	356	60	83	32	49	40	20	-	9	-	-	63	61

GROSS RENT AS PERCENTAGE OF INCOME

Less than 10 percent	555	71	50	43	108	136	77	47	23	-	-	...	81
10 to 14 percent	1 314	47	81	96	168	321	316	136	115	34	-	...	97
15 to 19 percent	1 072	60	59	48	58	242	217	242	110	36	-	...	106
20 to 24 percent	776	43	40	46	68	144	99	148	162	26	-	...	109
25 to 34 percent	922	147	32	63	57	192	108	119	148	50	6	...	96
35 percent or more	1 925	181	133	143	111	466	274	335	200	68	14	...	97
Not computed	381	-	4	11	11	26	7	8	23	5	-	286	...

AIR CONDITIONING

Room unit(s)	1 113	44	61	53	102	156	161	259	160	59	-	58	114
Central system	323	6	12	-	7	27	11	37	131	49	6	37	166
None	5 535	494	346	377	490	1 353	886	771	462	129	7	220	94

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	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000	Median (dollars)
		\$2,000	to \$2,999	to \$3,999	to \$4,999	to \$5,999	to \$6,999	to \$9,999	to \$14,999	to \$24,999	or more	
Owner occupied housing units -----												
	17 051	1 609	1 078	815	798	824	1 016	3 744	4 558	1 971	638	8 900
ROOMS												
1 and 2 rooms	89	46	14	5	9	—	—	5	5	—	—	—
3 rooms	370	112	47	39	30	15	13	61	48	—	5	3 700
4 rooms	2 598	358	216	205	155	218	238	638	448	112	10	6 600
5 rooms	5 168	449	324	327	290	221	344	1 213	1 492	415	93	8 600
6 rooms	4 130	354	238	165	158	155	213	943	1 254	518	132	9 500
7 rooms or more	4 696	290	239	74	156	215	208	884	1 311	921	398	11 100
PERSONS												
1 person	2 397	1 113	454	192	172	99	109	111	97	35	15	2 200
2 persons	5 254	363	521	502	477	441	417	918	1 017	406	192	6 800
3 and 4 persons	5 185	77	53	94	113	206	345	1 448	1 906	772	171	10 700
5 persons	1 903	35	27	5	21	14	65	594	703	311	128	11 400
6 persons or more	2 312	21	23	22	15	64	80	673	835	447	132	11 500
Units with roomers, boarders, or lodgers	316	56	35	16	19	17	26	57	30	43	17	6 600
BEDROOMS												
Less than 3	6 122	1 220	511	498	318	356	521	1 141	1 201	240	116	6 300
3	6 812	405	352	177	340	158	245	1 476	2 574	904	181	10 500
4 or more	4 024	257	156	93	95	180	181	732	1 292	788	250	11 200
YEAR STRUCTURE BUILT												
1969 to March 1970	520	15	9	11	4	29	42	159	156	70	25	9 800
1960 to 1968	3 030	118	45	59	103	77	136	823	1 083	406	180	10 700
1950 to 1959	3 275	147	126	86	83	108	163	736	1 096	571	159	10 900
1949 or earlier	10 226	1 329	898	659	608	610	675	2 026	2 223	924	274	7 500
YEAR MOVED INTO UNIT												
1969 to March 1970	1 455	76	20	26	25	40	105	452	435	221	55	9 900
1968	1 253	59	27	32	42	40	83	356	411	154	49	9 900
1960 to 1967	5 395	270	209	222	195	202	296	1 444	1 605	679	273	9 700
1959 or earlier	8 948	1 091	851	547	542	575	580	1 566	1 961	955	280	7 600
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	11 228	790	544	390	369	362	483	2 249	3 973	1 577	491	10 500
Clothes dryer	9 473	508	279	224	318	296	402	2 088	3 414	1 491	453	10 900
Dishwasher	2 806	173	41	—	59	18	122	441	898	738	316	13 100
Home food freezer	6 866	392	299	261	210	405	388	1 445	2 237	912	317	10 100
Owned second home	1 151	35	77	50	37	18	43	296	345	175	75	10 300
With air conditioning	5 664	221	278	202	241	182	302	1 052	1 702	995	479	11 000
Room unit(s)	3 854	174	220	153	194	155	258	815	1 169	563	153	9 800
Central system	1 810	47	58	49	47	27	44	247	533	432	326	13 600
Automobiles available:												
1	9 049	634	662	653	601	556	798	2 389	2 108	525	123	7 800
2	5 359	61	67	14	98	178	180	1 197	1 994	1 156	414	12 200
3 or more	900	18	—	7	—	—	11	134	282	328	120	15 000
Renter occupied housing units -----												
	7 217	1 533	648	613	482	511	555	1 469	1 066	316	44	5 700
ROOMS												
1 room	371	170	62	45	16	22	10	41	5	—	—	2 300
2 rooms	463	197	58	52	30	32	35	54	5	—	—	2 600
3 rooms	1 424	533	196	112	143	116	51	204	34	18	17	2 900
4 rooms	1 917	256	135	195	128	140	156	465	333	104	5	6 700
5 rooms	1 620	239	134	97	91	102	143	383	342	84	5	7 000
6 rooms or more	1 422	138	63	112	54	99	160	322	347	110	17	7 800
PERSONS												
1 person	2 098	954	271	200	165	119	91	185	73	28	12	2 400
2 persons	1 978	321	223	215	146	166	166	395	198	138	10	5 500
3 and 4 persons	2 186	215	118	146	122	144	199	645	479	102	16	7 700
5 persons	474	39	21	24	7	57	33	131	139	17	6	8 300
6 persons or more	481	4	15	28	22	25	66	113	177	31	—	9 100
Units with roomers, boarders, or lodgers	377	193	66	31	9	25	12	22	7	12	—	2 000
BEDROOMS												
None	509	305	63	24	—	60	20	37	—	—	—	2000—
1	2 022	702	264	205	279	139	81	288	24	21	19	3 200
2	2 838	396	269	247	279	126	316	643	344	218	—	6 300
3 or more	1 909	170	72	124	87	163	278	393	531	44	47	7 500
YEAR STRUCTURE BUILT												
1969 to March 1970	143	19	16	—	5	6	11	50	26	10	—	7 900
1960 to 1968	949	240	59	78	42	42	64	156	180	77	11	6 200
1950 to 1959	431	79	45	41	11	28	21	123	46	37	—	6 500
1949 or earlier	5 694	1 195	528	494	404	435	459	1 140	814	192	33	5 500
YEAR MOVED INTO UNIT												
1969 to March 1970	2 937	576	343	270	125	235	258	639	394	85	12	5 700
1968	1 250	221	78	64	88	90	72	288	266	68	15	7 100
1960 to 1967	1 993	449	143	146	86	119	151	405	357	130	7	6 400
1959 or earlier	1 037	275	77	148	97	80	60	158	99	43	—	4 200
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	6 945	1 517	648	569	432	480	520	1 409	1 024	302	44	5 600
Less than 15 percent	1 869	—	5	14	37	98	120	611	681	259	44	10 400
15 to 19 percent	1 072	15	20	57	91	104	151	398	205	31	—	7 700
20 to 24 percent	776	14	50	85	110	137	95	214	71	—	—	5 900
25 to 34 percent	922	136	129	197	118	82	116	121	23	—	—	4 000
35 percent or more	1 925	1 166	425	209	63	27	12	18	5	—	—	2000—
Not computed	381	186	19	7	13	32	26	47	39	12	—	2 200
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	2 505	196	168	131	249	147	294	481	641	151	47	7 400
Clothes dryer	1 944	173	61	108	113	122	204	409	575	157	22	8 400
Dishwasher	326	65	—	—	19	81	20	20	121	20	—	—
Home food freezer	710	41	25	68	56	85	166	82	143	19	25	6 500
Owned second home	224	49	—	—	—	38	20	63	54	—	—	—
With air conditioning	1 453	215	92	86	61	69	108	359	292	143	28	7 800
Room unit(s)	1 124	159	69	69	47	60	99	302	222	83	14	7 600
Central system	329	56	23	17	14	9	57	70	60	14	8 900	
Automobiles available:												
1	4 081	446	305	334	270	346	387	1 104	673	201	15	6 900
2	1 090	53	41	79	12	73	98	245	366	104	19	9 300
3 or more	143	48	27	—	—	6	—	20	28	14	—	2 900

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	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	17 051	16 686	9 054	6 696	807	129	365	271	79	10	5
PERSONS											
1 person.....	2 397	2 251	2 251	-	-	-	146	128	18	-	-
2 persons.....	5 254	5 097	4 949	143	-	5	157	133	24	-	-
3 persons.....	2 767	2 748	1 363	1 385	-	-	19	10	4	5	-
4 persons.....	2 418	2 396	300	2 092	4	-	22	-	22	-	-
5 persons.....	1 903	1 897	191	1 653	53	-	6	-	6	-	-
6 persons or more.....	2 312	2 297	-	1 423	750	124	15	-	5	5	5
Median.....	2.8	2.9	2.0	4.4	6.9	7.5+	1.7	1.6	...	...	...
Units with roomers, boarders, or lodgers.....	316	311	139	149	18	5	5	5	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	521	514	214	289	11	-	7	-	7	-	-
1965 to 1968.....	1 749	1 742	647	974	121	-	7	7	-	-	-
1960 to 1964.....	1 228	1 228	500	666	62	-	-	-	-	-	-
1950 to 1959.....	3 313	3 286	1 543	1 475	248	20	27	12	15	-	-
1940 to 1949.....	1 978	1 938	1 140	701	85	12	40	21	19	-	-
1939 or earlier.....	8 262	7 960	5 026	2 595	246	93	302	240	49	7	6
INCOME IN 1969											
Less than \$2,000.....	1 609	1 496	1 401	95	-	-	113	90	23	-	-
\$2,000 to \$2,999.....	1 078	1 001	924	63	14	-	77	68	4	5	-
\$3,000 to \$3,999.....	815	776	676	82	18	-	39	25	14	-	-
\$4,000 to \$4,999.....	798	771	658	108	5	-	27	23	4	-	-
\$5,000 to \$5,999.....	824	810	602	179	21	8	14	14	-	-	-
\$6,000 to \$6,999.....	1 016	995	546	422	27	-	21	16	5	-	-
\$7,000 to \$9,999.....	3 744	3 695	1 367	1 984	307	37	49	20	19	5	5
\$10,000 to \$14,999.....	4 558	4 538	1 653	2 531	301	53	20	10	10	-	-
\$15,000 to \$24,999.....	1 971	1 971	876	971	93	31	-	-	-	-	-
\$25,000 or more.....	638	633	351	261	21	-	5	5	-	-	-
Median.....	\$8 900	\$9 000	\$6 500	\$10 800	\$10 200	\$11 800	\$2 900	\$2 700	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	13 900	13 677	7 290	5 589	697	101	223	162	51	10	-
Less than 1.5.....	4 202	4 129	1 637	2 150	281	61	73	48	15	10	-
1.5 to 1.9.....	2 718	2 694	1 095	1 422	155	22	24	16	8	-	-
2.0 to 2.4.....	2 062	2 053	895	1 004	140	14	9	9	-	-	-
2.5 to 2.9.....	1 256	1 247	676	502	65	4	9	4	5	-	-
3.0 to 3.9.....	1 199	1 174	799	328	47	-	25	21	4	-	-
4.0 or more.....	2 400	2 320	2 133	178	9	-	80	61	19	-	-
Not computed.....	63	60	55	5	-	-	3	3	-	-	-
HEATING EQUIPMENT											
Steam or hot water.....	1 283	1 273	691	514	59	9	10	5	5	-	-
Warm-air furnace.....	14 235	14 130	7 588	5 734	707	101	105	90	10	5	-
Built-in electric units.....	250	250	134	107	9	-	-	-	-	-	-
Floor, wall, or pipeless furnace.....	171	160	88	67	-	5	11	6	5	-	-
Other means.....	1 108	873	553	274	32	14	235	170	55	5	5
None.....	4	-	-	-	-	-	4	-	4	-	-
Renter occupied housing units	7 217	6 708	3 171	3 091	352	94	509	233	242	18	16
PERSONS											
1 person.....	2 098	1 730	1 401	129	-	-	368	181	187	-	-
2 persons.....	1 978	1 890	1 253	596	-	41	88	48	30	-	10
3 persons.....	1 208	1 193	223	942	28	-	15	4	11	-	-
4 persons.....	978	962	72	847	43	-	16	-	6	10	-
5 persons.....	474	470	22	361	82	5	4	-	4	-	-
6 persons or more.....	481	463	-	216	199	48	18	-	4	8	6
Median.....	2.3	2.4	1.5	3.4	5.8	...	1.2	1.1	1.1	...	...
Units with roomers, boarders, or lodgers.....	377	371	87	247	22	15	6	-	6	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	130	130	21	105	-	4	-	-	-	-	-
1965 to 1968.....	596	589	304	234	25	26	7	-	7	-	-
1960 to 1964.....	370	370	174	159	37	-	-	-	-	-	-
1950 to 1959.....	427	420	173	194	46	7	7	7	-	-	-
1940 to 1949.....	375	366	184	168	7	7	9	-	9	-	-
1939 or earlier.....	5 319	4 784	2 228	2 298	201	57	535	273	227	11	24
INCOME IN 1969											
Less than \$2,000.....	1 533	1 306	898	356	41	11	227	89	132	-	6
\$2,000 to \$2,999.....	648	576	325	208	13	30	72	35	37	-	-
\$3,000 to \$3,999.....	613	564	317	207	34	6	49	21	20	4	4
\$4,000 to \$4,999.....	462	427	225	184	13	5	35	20	5	10	-
\$5,000 to \$5,999.....	511	482	204	237	36	5	29	10	15	4	-
\$6,000 to \$6,999.....	555	517	220	284	6	7	38	27	5	-	6
\$7,000 to \$9,999.....	1 469	1 426	462	867	87	10	43	26	17	-	-
\$10,000 to \$14,999.....	1 066	1 050	307	619	109	15	16	5	11	-	-
\$15,000 to \$24,999.....	316	316	190	108	13	5	-	-	-	-	-
\$25,000 or more.....	44	44	23	21	-	-	-	-	-	-	-
Median.....	\$5 700	\$6 000	\$4 200	\$7 200	\$8 100	...	\$2 400	\$2 800	\$2000-	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	6 945	6 460	3 066	2 969	331	94	485	223	242	10	10
Less than 10 percent.....	555	499	222	225	40	12	56	27	29	-	-
10 to 14 percent.....	1 314	1 238	518	626	73	21	76	51	25	-	-
15 to 19 percent.....	1 072	1 003	384	570	49	-	69	30	29	6	4
20 to 24 percent.....	776	745	287	411	47	-	31	6	25	-	-
25 to 34 percent.....	922	858	426	371	44	17	64	26	38	-	-
35 percent or more.....	1 925	1 761	1 037	618	62	44	164	67	87	4	6
Not computed.....	381	356	192	148	16	-	25	16	9	-	-
HEATING EQUIPMENT											
Steam or hot water.....	1 414	1 208	677	463	68	-	206	73	129	-	4
Warm-air furnace.....	4 300	4 127	1 849	2 023	210	45	173	73	88	6	6
Built-in electric units.....	93	88	44	35	9	-	5	5	-	-	-
Floor, wall, or pipeless furnace.....	74	74	29	34	5	6	-	-	-	-	-
Other means.....	1 327	1 211	572	536	60	43	116	73	25	12	6
None.....	9	-	-	-	-	-	9	9	-	-	-

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

Table A-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	17 051	23	66	370	2 598	5 168	4 130	2 539	2 137	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	16 577	-	47	304	2 546	5 029	4 108	2 507	2 036	5.6
PERSONS										
1 person	2 397	18	52	177	507	777	507	210	149	5.1
2 persons	5 254	5	9	158	1 345	1 765	1 034	522	416	5.1
3 persons	2 767	-	5	27	421	941	683	415	275	5.5
4 persons	2 418	-	-	4	224	758	730	402	300	5.8
5 persons	1 903	-	-	-	53	560	595	361	334	6.1
6 persons or more	2 312	-	-	4	48	367	581	649	663	6.7
Median	2.8	...	...	1.6	2.1	2.5	3.3	3.8	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	16 686	5	48	341	2 528	5 070	4 045	2 543	2 106	5.6
0.50 or less	9 054	-	48	163	1 796	2 459	2 152	1 131	1 305	5.5
0.51 to 1.00	6 696	-	-	170	636	2 249	1 634	1 266	741	5.7
1.01 to 1.50	807	-	-	4	72	330	223	127	51	5.5
1.51 or more	129	5	-	4	24	32	36	19	9	5.5
Lacking some or all plumbing facilities	365	18	18	29	70	98	85	14	31	5.0
0.50 or less	271	-	4	14	56	83	72	16	26	5.2
0.51 to 1.00	79	18	9	15	9	10	13	-	5	...
1.01 to 1.50	10	-	5	-	-	5	-	-	-	...
1.51 or more	5	-	-	-	5	-	-	-	-	...
BEDROOMS										
None and 1	912	36	43	302	376	99	36	20	-	3.7
2	5 210	-	-	93	1 959	2 278	710	150	20	4.7
3	6 812	-	-	-	76	2 748	2 606	1 021	361	5.7
4 or more	4 024	-	-	-	-	94	530	1 511	1 889	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	520	-	-	32	141	146	100	45	56	5.1
1960 to 1968	3 030	-	-	81	467	1 113	672	281	416	5.4
1950 to 1959	3 275	6	19	16	569	1 208	815	421	221	5.4
1949 or earlier	10 226	17	47	241	1 421	2 701	2 543	1 812	1 444	5.8
COMPLETE BATHROOMS										
1 and 1 1/2	14 474	-	53	288	2 501	4 737	3 663	2 036	1 196	5.4
2 or more	2 109	-	-	16	45	292	445	471	840	7.0
None or also used by another household	468	21	24	45	111	108	95	25	39	4.8
VALUE-INCOME RATIO										
Specified owner occupied¹	13 900	23	28	179	1 788	4 435	3 637	2 172	1 638	5.6
Less than 1.5	4 202	5	5	60	507	1 198	1 149	749	529	5.8
1.5 to 1.9	2 718	-	-	15	340	700	393	338	338	5.8
2.0 to 2.9	3 318	-	4	30	373	1 075	854	557	425	5.7
3.0 or more	3 599	18	19	71	559	1 216	908	473	335	5.4
Not computed	63	-	-	3	9	14	26	-	11	...
Renter occupied housing units	7 217	371	463	1 424	1 917	1 620	773	334	315	4.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	6 554	125	310	1 369	1 800	1 675	688	274	313	4.3
PERSONS										
1 person	2 098	316	350	733	377	214	68	29	11	3.0
2 persons	1 978	51	85	541	631	454	140	45	31	4.0
3 persons	1 208	-	28	92	477	384	165	33	29	4.5
4 persons	978	-	-	53	319	302	166	66	72	4.9
5 persons	474	-	-	5	82	152	99	91	45	5.5
6 persons or more	481	4	-	-	31	114	135	70	127	6.2
Median	2.3	1.1	1.2	1.5	2.4	2.9	3.6	4.4	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	6 708	174	337	1 363	1 844	1 599	742	334	315	4.3
0.50 or less	3 171	-	241	695	946	657	360	107	165	4.2
0.51 to 1.00	3 091	129	68	620	785	828	321	205	135	4.4
1.01 to 1.50	352	-	28	43	91	97	61	17	15	4.6
1.51 or more	94	45	-	5	22	17	-	5	-	...
Lacking some or all plumbing facilities	509	197	126	61	73	21	31	-	-	2.0
0.50 or less	233	-	109	38	62	11	13	-	-	2.7
0.51 to 1.00	242	187	17	13	11	10	4	-	-	1.1
1.01 to 1.50	18	-	-	10	-	-	8	-	-	...
1.51 or more	16	10	-	-	-	-	6	-	-	...
BEDROOMS										
None	509	402	107	-	-	-	-	-	-	1.1
1	2 022	-	279	1 249	347	127	20	-	-	3.1
2	2 838	-	-	199	1 548	848	197	20	26	4.3
3 or more	1 909	-	-	-	83	462	569	422	373	6.2
YEAR STRUCTURE BUILT										
1969 to March 1970	143	3	11	12	67	21	23	-	6	4.2
1960 to 1968	949	52	89	281	303	152	35	19	18	3.7
1950 to 1959	431	25	52	83	108	81	41	41	-	4.0
1949 or earlier	5 694	291	311	1 048	1 439	1 366	674	274	291	4.3
COMPLETE BATHROOMS										
1 and 1 1/2	6 344	147	310	1 357	1 782	1 647	660	239	202	4.3
2 or more	266	15	-	12	31	28	34	35	111	6.9
None or also used by another household	607	199	153	60	103	30	54	8	-	2.2
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	6 945	371	463	1 420	1 909	1 584	717	276	205	4.1
Less than 10 percent	555	27	20	50	214	139	67	21	17	4.3
10 to 14 percent	1 314	49	48	199	419	352	152	72	23	4.4
15 to 19 percent	1 072	52	54	139	300	331	122	34	40	4.5
20 to 24 percent	776	21	41	143	250	157	108	37	19	4.2
25 to 34 percent	922	63	84	245	258	134	100	17	21	3.8
35 percent or more	1 925	149	191	560	415	401	128	56	25	3.7
Not computed	381	10	25	84	53	70	40	39	60	4.8

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

All occupied housing units

ROOMS

1 room	23	23	-	-
2 rooms	66	32	15	19
3 rooms	370	202	66	102
4 rooms	2 598	1 862	268	468
5 rooms	5 168	4 600	380	188
6 rooms	4 130	3 883	222	25
7 rooms	2 559	2 460	93	6
8 rooms or more	2 137	2 035	92	10
Median	5.6	5.7	5.1	4.1

PLUMBING FACILITIES BY PERSONS PER ROOM

With all plumbing facilities	16 686	14 799	1 079	808
0.50 or less	9 054	7 916	705	433
0.51 to 1.00	6 696	6 019	340	337
1.01 to 1.50	807	739	30	38
1.51 or more	129	125	4	10
Lacking some or all plumbing facilities	365	298	57	10
0.50 or less	271	214	52	5
0.51 to 1.00	79	69	5	5
1.01 to 1.50	10	10	-	-
1.51 or more	5	5	-	-

BEDROOMS

None	36	36	-	-
1	876	596	220	60
2	5 210	4 028	605	577
3	6 812	6 414	296	102
4 or more	4 024	3 940	84	-

YEAR STRUCTURE BUILT

1969 to March 1970	520	315	24	181
1965 to 1968	1 744	1 335	31	378
1960 to 1964	1 286	1 097	26	163
1950 to 1959	3 275	3 185	36	54
1940 to 1949	1 914	1 864	50	371
1939 or earlier	8 312	7 301	969	42

INCOME IN 1969

Less than \$2,000	1 609	1 339	198	72
\$2,000 to \$2,999	1 078	892	132	34
\$3,000 to \$3,999	815	697	88	30
\$4,000 to \$4,999	798	695	43	60
\$5,000 to \$5,999	824	725	42	57
\$6,000 to \$6,999	1 016	824	102	90
\$7,000 to \$9,999	3 744	3 279	170	295
\$10,000 to \$14,999	4 558	4 164	256	138
\$15,000 to \$24,999	1 971	1 871	69	31
\$25,000 or more	638	611	16	11
Median	\$8 900	\$9 200	\$6 400	\$7 700

YEAR MOVED INTO UNIT

1969 to March 1970	1 455	1 084	86	285
1968	1 253	1 020	47	186
1967	806	656	45	105
1965 and 1966	1 880	1 627	109	144
1960 to 1964	2 709	2 534	117	58
1950 to 1959	4 371	4 041	283	47
1949 or earlier	4 577	4 116	447	14

GROSS RENT

Specified renter occupied¹	...	...	...	...
Less than \$50	...	...	...	...
\$50 to \$59	...	...	...	...
\$60 to \$69	...	...	...	...
\$70 to \$79	...	...	...	...
\$80 to \$99	...	...	...	...
\$100 to \$119	...	...	...	...
\$120 to \$149	...	...	...	...
\$150 to \$199	...	...	...	...
\$200 to \$299	...	...	...	...
\$300 or more	...	...	...	...
No cash rent	...	...	...	...
Median	...	...	...	...

HEATING EQUIPMENT

Steam or hot water	1 283	1 104	179	-
Warm-air furnace	14 235	12 620	853	762
Built-in electric units	250	233	-	17
Floor, wall, or pipeless furnace	171	145	11	15
Other means	1 108	991	93	24
None	4	4	-	-

AIR CONDITIONING

Room unit(s)	3 854	3 394	280	180
Central system	1 810	1 654	110	46
None	11 387	10 030	744	613

AUTOMOBILES AVAILABLE

1	9 049	7 889	578	582
2	5 359	4 928	233	198
3 or more	900	848	52	143
None	1 743	1 413	271	59

	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	17 051	15 097	1 136	818	7 217	2 697	2 145	1 028	494	406	382	65
ROOMS												
1 room	23	23	-	-	371	21	5	43	96	141	65	-
2 rooms	66	32	15	19	463	22	30	147	113	73	69	9
3 rooms	370	202	66	102	1 424	197	446	366	133	62	208	12
4 rooms	2 598	1 862	268	468	1 917	558	748	304	126	102	35	44
5 rooms	5 168	4 600	380	188	1 620	812	635	134	17	17	5	-
6 rooms	4 130	3 883	222	25	773	520	208	25	9	11	-	-
7 rooms	2 559	2 460	93	6	334	273	5	-	-	-	-	-
8 rooms or more	2 137	2 035	92	10	315	294	17	4	-	-	-	-
Median	5.6	5.7	5.1	4.1	4.2	5.2	4.3	3.4	2.8	2.3	2.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	16 686	14 799	1 079	808	6 708	2 589	2 099	916	383	304	352	65
0.50 or less	9 054	7 916	705	433	3 171	1 078	1 028	454	199	124	256	32
0.51 to 1.00	6 696	6 019	340	337	3 091	1 256	970	428	172	155	81	29
1.01 to 1.50	807	739	30	38	352	205	97	24	9	13	-	4
1.51 or more	129	125	4	10	94	50	4	10	3	12	15	-
Lacking some or all plumbing facilities	365	298	57	10	509	108	46	112	111	102	30	-
0.50 or less	271	214	52	5	233	69	26	73	35	25	5	-
0.51 to 1.00	79	69	5	5	242	25	10	39	72	71	25	-
1.01 to 1.50	10	10	-	-	18	8	10	-	-	-	-	-
1.51 or more	5	5	-	-	16	6	-	-	4	6	-	-
BEDROOMS												
None	36	36	-	-	509	17	39	88	68	233	64	-
1	876	596	220	60	2 022	296	697	457	156	83	309	24
2	5 210	4 028	605	577	2 838	958	1 142	296	193	150	24	75
3	6 812	6 414	296	102	1 272	799	415	39	-	-	-	19
4 or more	4 024	3 940	84	-	637	527	85	25	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	520	315	24	181	143	24	60	4	7	28	20	-
1965 to 1968	1 744	1 335	31	378	579	58	112	44	119	102	125	19
1960 to 1964	1 286	1 097	26	163	370	103	126	-	20	27	77	17
1950 to 1959	3 275	3 185	36	54	431	213	78	5	10	11	96	18
1940 to 1949	1 914	1 864	50	371	371	265	65	24	17	-	-	-
1939 or earlier	8 312	7 301	969	42	5 323	2 034	1 704	951	321	238	64	11
INCOME IN 1969												
Less than \$2,000	1 609	1 339	198	72	1 533	358	454	263	127	102	224	5
\$2,000 to \$2,999	1 078	892	132	34	648	176	190	104	65	59	50	4
\$3,000 to \$3,999	815	697	88	30	613	189	207	101	60	19	37	-
\$4,000 to \$4,999	798	695	43	60	462	125	165	105	35	27	5	-
\$5,000 to \$5,999	824	725	42	57	511	200	157	70	15	34	15	20
\$6,000 to \$6,999	1 016	824	102	90	555	253	140	74	53	21	10	4
\$7,000 to \$9,999	3 744	3 279	170	295	1 469	622	442	190	81	80	36	18
\$10,000 to \$14,999	4 558	4 164	256	138	1 066	614	278	86	41	34	5	8
\$15,000 to \$24,999	1 971	1 871	69	31	316	137	102	24	17	30	-	6
\$25,000 or more	638	611	16	11	44	23	10	11	-	-	-	-
Median	\$8 900	\$9 200	\$6 400	\$7 700	\$5 700	\$7 200	\$5 400	\$4 400	\$3 900	\$4 900	\$2000-	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 455	1 084	86	285	2 937	946	947	438	262	194	122	28
1968	1 253	1 020	47	186	1 250	484	305	187	63	68	127	16
1967	806	656	45	105	435	186	125	65	25	20	14	-
1965 and 1966	1 880	1 627	109	144	710	272	201	91	71	25	45	5
1960 to 1964	2 709	2 534	117	58	848	371	199	112	48	61	52	5
1950 to 1959	4 371	4 041	283	47	573	214	186	118	28	15	12	-
1949 or earlier	4 577	4 116	447	14	464	299	93	36	23	13	-	-
GROSS RENT												
Specified renter occupied¹	...	...	...	...	6 945	2 425	2 145	1 028	494	406	382	65
Less than \$50	...	...	...	...	549	79	68	75	74	87	166	-
\$50 to \$59	...	...	...	...	399	100	148	65	51	15	15	5
\$60 to \$69	...	...	...	...	450	88	158	134	35	19	16	-
\$70 to \$79	...	...	...	...	581	157	189	160	40	20	5	10
\$80 to \$99	...	...	...	...	1 527	460	501	278	102	94	74	18
\$100 to \$119	...	...	...	...	1 098	445	382	138	60	19	45	9
\$120 to \$149</												

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

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

The SMSA	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	17 051	359	2 100	2 861	5 651	2 131	372	133	662	385	910	1 487
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	16 686	359	2 095	2 856	5 576	2 070	342	119	652	366	892	1 359
0.50 or less	9 054	100	454	430	3 028	1 823	192	98	355	323	892	1 359
0.51 to 1.00	6 696	244	1 512	1 936	2 296	826	141	21	267	43	236	—
1.01 to 1.50	807	15	129	407	219	6	9	—	22	—	—	—
1.51 or more	129	—	—	83	33	5	—	—	8	—	—	—
Lacking some or all plumbing facilities	365	—	5	5	75	61	30	14	10	19	18	128
0.50 or less	271	—	—	—	43	51	20	5	5	19	12	116
0.51 to 1.00	79	—	—	5	27	10	10	9	—	—	6	12
1.01 to 1.50	10	—	5	—	5	—	—	—	—	—	—	—
1.51 or more	5	—	—	—	—	—	—	—	5	—	—	—
UNITS IN STRUCTURE												
1	15 097	167	1 835	2 690	5 227	1 891	315	124	578	331	745	1 194
2 or more	1 136	10	111	100	296	184	31	4	49	54	82	215
Mobile home or trailer	818	182	154	71	128	56	26	5	35	—	83	78
INCOME IN 1969												
Less than \$2,000	1 609	5	15	16	101	197	20	23	48	71	222	891
\$2,000 to \$2,999	1 078	—	4	15	73	401	10	13	49	59	137	317
\$3,000 to \$3,999	815	10	8	28	79	407	4	6	24	57	106	86
\$4,000 to \$4,999	798	20	23	15	192	248	5	16	89	18	94	78
\$5,000 to \$5,999	824	14	51	64	272	131	21	15	101	56	71	28
\$6,000 to \$6,999	1 016	35	146	102	298	166	61	12	56	31	80	29
\$7,000 to \$9,999	3 744	156	821	866	1 252	218	113	10	155	42	98	13
\$10,000 to \$14,999	4 558	103	811	1 067	2 052	184	77	20	115	32	67	30
\$15,000 to \$24,999	1 971	16	195	499	1 026	91	52	18	20	19	25	10
\$25,000 or more	638	—	26	189	306	88	9	—	5	—	10	5
Median	\$8 900	\$8 800	\$9 900	\$11 500	\$11 400	\$4 200	\$8 700	\$5 600	\$6 400	\$4 300	\$3 900	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied ¹	13 900	167	1 757	2 465	4 669	1 751	258	101	538	305	729	1 160
Less than 1.5	4 202	36	465	925	2 074	239	120	30	94	65	113	41
1.5 to 1.9	2 718	54	457	686	1 083	191	46	10	91	29	71	—
2.0 to 2.4	2 062	24	496	401	733	188	26	—	99	14	47	34
2.5 to 2.9	1 256	23	173	262	357	185	15	9	55	36	98	43
3.0 to 3.9	1 199	20	126	133	223	334	30	22	82	37	76	116
4.0 or more	2 400	10	40	58	194	610	21	30	101	124	310	902
Not computed	63	—	—	—	5	4	—	—	16	—	14	24
Renter occupied housing units	7 217	832	1 293	418	784	333	334	40	988	97	1 091	1 007
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	6 708	807	1 287	400	769	328	313	28	955	91	888	842
0.50 or less	3 171	260	313	24	317	185	79	18	315	59	789	812
0.51 to 1.00	3 091	528	885	259	400	132	179	4	551	24	99	30
1.01 to 1.50	352	19	73	102	43	6	37	—	64	8	—	—
1.51 or more	94	—	16	15	9	5	18	6	25	—	—	—
Lacking some or all plumbing facilities	509	25	6	18	15	5	21	12	33	6	203	165
0.50 or less	233	5	—	—	—	5	15	12	9	6	103	78
0.51 to 1.00	242	10	6	4	9	—	6	—	20	—	100	87
1.01 to 1.50	18	—	—	8	—	—	—	—	—	—	—	—
1.51 or more	16	—	—	6	6	—	—	—	4	—	—	—
UNITS IN STRUCTURE												
1	2 697	238	700	302	481	139	108	16	302	34	192	185
2 to 4	3 173	464	471	108	253	142	180	12	580	52	505	406
5 to 19	900	91	89	4	46	36	35	12	87	11	319	170
20 or more	382	21	10	—	—	16	11	—	19	—	64	241
Mobile home or trailer	65	18	23	4	4	—	—	—	—	—	11	5
GROSS RENT												
Specified renter occupied ²	6 945	799	1 208	352	735	328	326	34	988	97	1 087	991
Less than \$50	549	14	—	8	29	6	—	—	57	6	112	150
\$50 to \$59	399	21	10	4	30	42	26	6	38	—	104	148
\$60 to \$69	450	26	26	—	71	32	17	—	81	9	119	73
\$70 to \$79	581	70	87	22	53	177	56	12	239	24	261	135
\$80 to \$99	1 527	255	203	80	129	46	48	—	183	21	126	46
\$100 to \$119	1 098	176	243	73	104	69	69	—	166	13	115	53
\$120 to \$149	1 035	161	234	56	99	5	64	—	123	7	49	38
\$150 to \$199	781	61	279	4	33	7	19	—	46	—	6	4
\$200 to \$299	219	—	100	—	6	—	—	—	9	—	—	—
\$300 or more	20	—	—	—	5	—	—	—	—	—	—	—
No cash rent	286	15	26	46	48	11	10	6	33	—	37	54
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	6 945	799	1 208	352	735	328	326	34	988	97	1 087	991
Less than \$5,000	3 166	192	102	13	112	215	191	22	694	51	640	934
Less than 20 percent	239	31	—	—	11	6	—	6	49	13	76	44
20 to 24 percent	259	17	—	—	10	38	6	—	73	4	130	188
25 to 34 percent	580	56	31	5	25	51	17	—	485	25	272	609
35 percent or more	1 863	84	49	8	53	109	159	10	63	—	53	54
Not computed	225	4	12	—	13	11	9	—	220	37	348	43
\$5,000 to \$9,999	2 409	477	587	154	324	101	106	12	98	25	283	24
Less than 20 percent	1 482	319	309	72	213	67	66	6	43	5	19	5
20 to 24 percent	446	100	144	45	60	12	7	6	52	7	31	14
25 to 34 percent	319	47	96	14	10	15	33	—	18	—	—	—
35 percent or more	57	—	17	—	15	7	—	—	9	—	15	—
Not computed	105	11	21	23	26	—	—	—	—	—	—	—
\$10,000 to \$14,999	1 024	110	401	160	186	7	23	—	55	9	64	9
Less than 20 percent	886	110	330	132	157	7	17	—	—	—	—	—
20 to 24 percent	71	—	58	4	9	—	—	—	—	—	—	4
25 percent or more	28	—	13	6	5	—	—	—	—	—	—	—
Not computed	39	—	—	18	15	—	6	—	—	—	35	5
\$15,000 or more	346	20	118	25	113	5	6	—	19	—	28	5
Less than 20 percent	334	20	118	20	113	5	6	—	—	—	—	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	12	—	—	5	—	—	—	—	—	—	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-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	17 051	2 397	5 254	2 767	2 418	1 903	1 113	692	507	2.8
BEDROOMS										
None and 1	912	438	389	44	21	20	-	-	-	1.5
2	5 210	1 243	2 388	778	495	238	68	-	-	2.1
3	6 812	516	1 782	1 339	1 426	855	534	244	116	3.3
4 or more	4 024	297	514	493	576	707	571	389	477	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970	520	34	164	127	89	55	20	13	18	3.0
1965 to 1968	1 744	96	374	354	346	256	158	104	56	3.6
1960 to 1964	1 286	62	336	214	264	271	94	23	22	3.6
1950 to 1959	3 275	269	956	606	503	440	272	141	88	3.2
1940 to 1949	1 914	297	674	274	304	159	94	62	50	2.5
1939 or earlier	8 312	1 639	2 750	1 192	912	722	475	349	273	2.4
UNITS IN STRUCTURE										
1	15 097	1 939	4 516	2 425	2 213	1 785	1 075	660	484	3.0
2 or more	1 136	297	411	159	123	76	24	23	23	2.2
Mobile home or trailer	818	161	327	183	82	42	14	9	-	2.3
COMPLETE BATHROOMS										
1 and 1 1/2	14 474	2 101	4 737	2 445	1 979	1 495	869	509	339	2.7
2 and 2 1/2	1 913	80	322	284	323	389	205	182	128	4.3
3 or more	196	6	28	51	14	40	21	19	17	4.4
None or also used by another household	468	184	190	20	43	6	7	12	6	1.8
HOUSEHOLD COMPOSITION										
Two-or-more-person households	14 654	...	5 254	2 767	2 418	1 903	1 113	692	507	3.2
Male head, wife present, no nonrelatives	13 102	...	4 423	2 467	2 222	1 812	1 044	649	485	3.4
Under 25 years	359	...	99	146	72	5	5	10	5	3.1
25 to 34 years	2 100	...	214	401	657	528	207	59	34	4.2
35 to 44 years	2 861	...	148	247	576	720	503	356	311	5.1
45 to 64 years	5 651	...	2 200	1 410	864	518	316	208	135	2.9
65 years and over	2 131	...	1 762	263	53	24	13	16	-	2.1
Other male head	505	...	249	102	60	50	20	19	5	2.5
Under 65 years	372	...	151	88	43	50	20	15	5	2.9
65 years and over	133	...	98	14	17	-	-	4	-	2.2
Female head	1 047	...	582	198	136	41	49	24	17	2.4
Under 65 years	662	...	291	142	107	37	44	24	17	2.8
65 years and over	385	...	291	56	29	4	5	-	-	2.2
One-person households	2 397	2 397	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	13 900	1 889	4 164	2 179	2 053	1 673	971	557	414	2.9
Less than 1.5	4 202	154	1 031	851	747	624	422	202	171	3.6
1.5 to 1.9	2 718	71	707	515	547	416	254	124	84	3.6
2.0 to 2.4	2 062	81	575	360	375	346	147	108	70	3.5
2.5 to 2.9	1 256	141	439	171	194	146	52	55	58	2.8
3.0 to 3.9	1 199	192	506	145	157	65	58	58	18	2.3
4.0 or more	2 400	1 212	891	132	33	76	33	10	13	1.5
Not computed	63	38	15	5	-	-	5	-	-	...
Renter occupied housing units	7 217	2 098	1 978	1 208	978	474	197	168	116	2.3
BEDROOMS										
None	509	472	-	20	-	-	-	17	-	1.0
1	2 022	1 068	776	112	-	43	-	23	-	1.4
2	2 838	243	1 056	870	488	163	18	-	-	2.6
3 or more	1 909	117	291	322	365	415	157	110	132	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	143	11	44	36	23	23	6	-	-	3.0
1965 to 1968	579	217	172	92	55	22	6	11	4	1.9
1960 to 1964	370	124	95	70	31	24	8	18	-	2.1
1950 to 1959	431	143	109	65	60	25	10	15	4	2.2
1940 to 1949	371	79	95	66	46	52	21	9	3	2.7
1939 or earlier	5 323	1 524	1 463	879	763	328	146	115	105	2.3
UNITS IN STRUCTURE										
1	2 697	377	632	447	560	295	145	138	103	3.3
2	2 145	515	672	450	290	138	41	30	9	2.3
3 and 4	1 028	396	346	174	60	37	11	-	4	1.8
5 to 9	494	272	133	54	31	4	-	-	-	1.4
10 to 19	406	217	117	49	23	-	-	-	-	1.4
20 or more	382	305	58	19	-	-	-	-	-	1.1
Mobile home or trailer	65	16	20	15	14	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	6 344	1 699	1 835	1 100	970	371	162	123	84	2.3
2 or more	266	35	24	38	34	58	29	43	5	4.5
None or also used by another household	607	397	107	32	36	5	6	6	18	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	5 119	...	1 978	1 208	978	474	197	168	116	3.0
Male head, wife present, no nonrelatives	3 660	...	1 296	910	714	349	149	143	99	3.1
Under 25 years	832	...	384	309	113	19	7	-	-	2.6
25 to 34 years	1 293	...	278	331	387	180	54	54	9	3.6
35 to 44 years	418	...	14	95	57	60	67	54	71	5.2
45 to 64 years	784	...	338	143	144	84	21	35	19	2.9
65 years and over	333	...	282	32	13	6	-	-	-	2.1
Other male head	374	...	206	56	66	24	4	14	4	2.4
Under 65 years	334	...	166	56	66	24	4	14	4	2.5
65 years and over	40	...	40	-	-	-	-	-	-	...
Female head	1 085	...	476	242	198	101	44	11	13	2.8
Under 65 years	988	...	410	219	198	101	36	11	13	2.9
65 years and over	97	...	66	23	-	-	8	-	-	...
One-person households	2 098	2 098	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	6 945	2 078	1 950	1 179	912	432	175	144	75	2.2
Less than 10 percent	555	108	153	134	73	32	19	29	7	2.6
10 to 14 percent	1 314	249	409	294	184	76	46	26	30	2.5
15 to 19 percent	1 072	200	295	261	160	94	36	16	10	2.7
20 to 24 percent	776	144	237	134	139	85	15	18	4	2.6
25 to 34 percent	922	367	199	126	118	52	19	28	13	2.0
35 percent or more	1 925	881	545	182	206	70	24	13	4	1.6
Not computed	381	129	112	48	32	23	16	14	7	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	170	74	69	27	Vacant for rent	441	264	99	78
ROOMS					ROOMS				
1 to 3 rooms	8	4	4	—	1 room	64	36	5	23
4 rooms	18	14	4	—	2 rooms	8	8	—	—
5 rooms	83	48	24	11	3 rooms	79	38	25	16
6 rooms	19	—	19	—	4 rooms	116	72	37	7
7 rooms or more	42	8	18	16	5 rooms	100	51	25	24
PLUMBING FACILITIES					6 rooms	46	38	4	4
With all plumbing facilities	157	70	60	27	7 rooms or more	28	21	3	4
Lacking some or all plumbing facilities	13	4	9	—	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities	375	230	86	59
None and 1	18	18	—	—	Lacking some or all plumbing facilities	66	34	13	19
2	91	44	47	—	BEDROOMS				
3	72	26	—	46	None	74	30	15	29
4 or more	—	—	—	—	1	75	45	15	15
YEAR STRUCTURE BUILT					2	104	57	—	47
1969 to March 1970	41	41	—	7	3 or more	97	82	15	—
1960 to 1968	57	12	38	—	YEAR STRUCTURE BUILT				
1950 to 1959	18	11	3	4	1969 to March 1970	25	25	—	—
1949 or earlier	54	10	28	16	1960 to 1968	61	11	42	8
UNITS IN STRUCTURE					1950 to 1959	17	8	5	4
1	164	68	69	27	1949 or earlier	338	220	52	66
2 or more	6	6	—	—	UNITS IN STRUCTURE				
HEATING EQUIPMENT					1	133	85	23	25
Steam or hot water	20	8	12	—	2 to 4	188	104	68	16
Warm-air furnace	130	59	53	18	5 to 9	69	61	4	4
Built-in electric units	7	7	—	—	10 to 19	40	14	4	22
Floor, wall, or pipeless furnace	—	—	—	—	20 or more	11	—	—	11
Other means	13	—	4	9	RENT ASKED				
None	—	—	—	—	Specified vacant for rent ²	423	260	94	69
SALES PRICE ASKED					Less than \$50	49	30	15	4
Specified vacant for sale ¹	160	68	65	27	\$50 to \$59	24	12	9	3
Less than \$5,000	—	—	—	—	\$60 to \$79	59	36	9	14
\$5,000 to \$9,999	17	4	9	4	\$80 to \$99	108	65	13	30
\$10,000 to \$14,999	4	—	4	—	\$100 to \$119	52	49	3	4
\$15,000 to \$19,999	70	45	20	5	\$120 to \$149	50	39	7	—
\$20,000 to \$24,999	38	16	7	18	\$150 to \$199	81	29	38	14
\$25,000 to \$34,999	10	3	4	—	\$200 or more	—	—	—	—
\$35,000 to \$49,999	21	—	21	—	Median rent asked	\$95	\$96	...	...
\$50,000 or more	—	—	—	—					
Median price asked	\$19 200	...	...	...		

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	160	17	4	70	38	10	21	423	73	59	108	102	81	—
PLUMBING FACILITIES														
With all plumbing facilities	145	—	20	79	46	—	—	258	15	41	45	86	71	—
Lacking some or all plumbing facilities	18	—	—	—	18	—	—	74	59	15	—	—	—	—
BEDROOMS														
None and 1	18	—	—	—	18	—	—	149	59	15	45	30	—	—
2	73	—	20	53	—	—	—	86	15	41	—	15	15	—
3	72	—	—	26	46	—	—	30	—	—	—	—	30	—
4 or more	—	—	—	—	—	—	—	67	—	—	—	41	26	—
YEAR STRUCTURE BUILT														
1969 to March 1970	35	—	—	35	—	—	—	25	4	—	10	11	—	—
1960 to 1968	53	5	—	4	23	—	21	61	—	4	8	7	42	—
1950 to 1959	18	4	—	—	8	6	—	12	4	—	—	8	—	—
1949 or earlier	54	8	4	31	7	4	—	325	65	55	90	76	39	—
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	115	18	22	12	52	11	—
2 to 4 .....	...	...	...	...	...	...	...	188	21	33	47	39	48	—
5 to 19 .....	...	...	...	...	...	...	...	109	34	4	38	11	22	—
20 or more .....	...	...	...	...	...	...	...	11	—	—	11	—	—	—
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	133	38	18	53	20	4	—
Some or no utilities included .....	...	...	...	...	...	...	...	290	35	41	55	82	77	—

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]

La Crosse	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	9 091	53	411	721	1 130	1 341	2 504	1 653	807	303	168	16 600
ROOMS												
1 and 2 rooms	16	11	—	—	—	5	—	—	—	—	—	...
3 rooms	135	5	55	36	39	—	—	—	—	—	—	8 000
4 rooms	1 181	17	83	137	228	300	343	73	—	—	—	13 500
5 rooms	2 790	20	124	250	339	474	891	500	169	18	5	16 000
6 rooms	2 456	—	102	190	279	287	691	572	239	86	10	17 700
7 rooms	1 436	—	36	89	145	173	378	321	195	59	40	18 600
8 rooms or more	1 077	—	11	19	100	102	201	187	204	140	113	22 800
Median	5.7	...	5.0	5.3	5.4	5.3	5.5	5.9	6.5	7.3	7.5+	...
PERSONS												
1 person	1 363	23	130	206	246	235	292	138	63	30	—	13 300
2 persons	2 922	25	161	226	426	482	892	405	195	63	47	15 800
3 persons	1 421	5	56	128	149	171	376	280	166	49	41	17 200
4 persons	1 191	—	15	67	97	192	359	253	137	61	10	17 900
5 persons	1 012	—	21	54	97	105	271	279	106	44	35	19 100
6 persons or more	1 182	—	28	40	115	156	314	298	140	56	35	19 100
Median	2.7	...	2.0	2.2	2.2	2.4	2.7	3.5	3.4	3.7	3.4	...
Units with roomers, boarders, or lodgers	190	—	4	22	37	21	49	10	31	11	5	17 600
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	8 979	27	374	691	1 119	1 338	2 499	1 653	807	303	168	16 700
0.50 or less	5 152	27	263	445	715	794	1 416	732	445	188	127	16 100
0.51 to 1.00	3 388	—	98	223	351	474	955	814	317	115	41	17 600
1.01 to 1.50	380	—	13	19	36	55	105	107	45	—	—	18 200
1.51 or more	59	—	4	17	15	23	—	—	—	—	—	...
Lacking some or all plumbing facilities	112	26	37	30	11	3	5	—	—	—	—	7 000
0.50 or less	88	15	32	25	11	—	5	—	—	—	—	...
0.51 to 1.00	19	6	5	5	—	3	—	—	—	—	—	...
1.01 to 1.50	5	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1	448	25	130	110	87	96	—	—	—	—	—	9 100
2	2 711	—	161	306	376	479	832	424	56	77	—	15 200
3	3 635	16	54	225	262	480	1 198	845	417	83	55	18 200
4 or more	2 066	—	38	67	270	332	510	422	196	137	94	18 300
YEAR STRUCTURE BUILT												
1969 to March 1970	31	—	—	—	—	—	—	5	16	—	10	...
1965 to 1968	458	—	—	—	—	5	75	187	100	54	37	24 000
1960 to 1964	1 460	—	5	—	—	—	101	210	96	38	10	23 000
1950 to 1959	1 867	6	16	11	57	143	585	612	289	90	58	20 900
1940 to 1949	1 279	—	28	29	95	239	540	201	89	42	16	16 900
1939 or earlier	4 996	47	362	681	978	954	1 203	438	217	79	37	13 600
COMPLETE BATHROOMS												
1 and 1 1/2	7 829	35	372	668	1 096	1 234	2 299	1 391	563	144	27	16 000
2 and 2 1/2	1 025	—	—	22	62	73	160	244	253	123	88	24 000
3 or more	114	—	—	—	—	—	6	—	22	36	50	...
None or also used by another household	144	21	38	34	18	13	20	—	—	—	—	8 500
HOUSEHOLD COMPOSITION												
Two-or-more-person households	7 728	30	281	515	884	1 106	2 212	1 515	744	273	168	17 200
Male head, wife present, no nonrelatives	6 809	21	233	419	705	979	1 943	1 427	677	247	158	17 500
25 to 34 years	44	—	5	4	5	—	5	15	10	—	—	...
35 to 44 years	841	—	10	33	80	130	213	285	79	11	—	18 800
45 to 64 years	1 411	—	25	62	119	185	353	369	194	61	43	19 500
65 years and over	3 223	11	104	187	324	429	1 012	607	318	139	92	17 500
Other male head	1 290	10	89	133	177	235	360	151	76	36	23	15 000
Under 65 years	263	—	—	34	47	19	97	35	16	10	5	16 700
65 years and over	182	—	—	14	33	19	65	20	16	10	5	17 500
Female head	81	—	—	20	14	—	32	15	—	—	—	...
Under 65 years	656	9	48	62	132	108	172	53	51	16	5	14 300
65 years and over	406	—	21	27	74	74	103	45	46	11	5	15 300
One-person households	250	9	27	35	58	34	69	8	5	5	—	12 300
Under 65 years	1 343	23	130	206	246	235	292	138	63	30	—	13 300
65 years and over	521	6	44	70	70	103	120	69	34	5	—	14 200
Median	842	17	86	136	176	132	172	69	29	25	—	12 600
INCOME IN 1969												
Less than \$2,000	870	29	91	186	135	104	200	74	36	15	—	12 400
\$2,000 to \$2,999	614	5	48	80	110	128	174	54	15	—	—	13 800
\$3,000 to \$3,999	482	5	45	56	112	115	89	55	5	—	—	13 000
\$4,000 to \$4,999	440	4	40	49	84	110	99	34	15	—	—	13 500
\$5,000 to \$5,999	458	10	40	40	89	97	120	51	11	—	—	13 800
\$6,000 to \$6,999	456	—	28	61	87	105	121	35	19	—	—	13 700
\$7,000 to \$9,999	1 745	—	57	147	252	238	604	340	92	10	5	16 400
\$10,000 to \$14,999	2 366	—	58	77	213	381	728	633	238	23	15	18 100
\$15,000 to \$24,999	1 241	—	4	21	43	59	306	337	284	137	50	22 800
\$25,000 or more	419	—	4	4	5	4	63	40	92	113	98	35 200
Median	\$9 100	...	\$4 500	\$4 800	\$6 400	\$7 100	\$9 200	\$11 400	\$14 400	\$22 200	\$29 500	...
YEAR MOVED INTO UNIT												
1969 to March 1970	381	—	13	5	23	27	53	143	91	12	14	22 400
1968	462	—	6	39	84	67	105	65	47	14	—	20 000
1967	363	—	13	78	27	100	69	47	29	—	—	18 100
1965 and 1966	945	—	18	65	82	93	232	126	35	42	—	19 500
1960 to 1964	1 480	—	58	126	135	181	368	372	160	51	29	17 700
1950 to 1959	2 826	28	101	120	327	414	860	539	260	111	66	17 300
1949 or earlier	2 655	28	214	356	496	494	805	155	89	18	—	13 700
HEATING EQUIPMENT												
Steam or hot water	680	—	16	53	53	82	172	111	74	62	57	18 900
Warm-air furnace	7 792	21	200	521	981	1 193	2 281	1 523	729	232	111	17 000
Built-in electric units	64	—	5	13	—	15	9	—	4	—	—	...
Floor, wall, or pipeless furnace	89	6	19	23	—	—	—	—	—	—	—	...
Other means	466	26	149	111	77	51	42	10	—	—	—	8 800
None	—	—	—	—	—	—	—	—	—	—	—	...
AIR CONDITIONING												
Room unit(s)	2 553	—	77	135	270	416	803	540	212	92	8	17 300
Central system	1 208	—	—	15	33	64	218	327	259	147	145	24 200
None	5 351	56	333	574	873	840	1 464	768	367	64	12	15 000

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

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

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

La Crosse	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	5 883	487	363	411	521	1 374	939	842	623	140	9	174	95
ROOMS													
1 room	338	159	30	12	25	90	13	5	4	-	-	-	53
2 rooms	430	75	76	61	36	64	56	40	17	-	-	5	70
3 rooms	1 309	183	96	149	142	396	150	125	41	5	-	22	84
4 rooms	1 500	37	102	104	190	365	269	235	163	20	-	15	96
5 rooms	1 365	29	32	56	80	333	310	281	159	32	4	49	108
6 rooms	564	4	23	29	43	72	99	88	146	34	5	21	121
7 rooms	218	-	4	-	5	34	22	36	65	30	-	22	148
8 rooms or more	159	-	-	-	-	20	20	32	28	19	-	40	138
Median	4.0	2.6	3.3	3.4	3.8	3.9	4.4	4.6	5.0	5.9	...	5.4	...
PERSONS													
1 person	1 884	401	245	231	187	370	153	146	83	6	-	62	72
2 persons	1 678	67	50	118	149	548	298	261	117	28	-	42	96
3 persons	984	19	29	32	104	225	207	174	132	28	9	25	107
4 persons	719	-	22	11	38	127	136	171	164	35	-	15	123
5 persons	324	-	6	5	9	65	80	49	65	34	-	11	118
6 persons or more	294	-	11	14	34	39	65	41	62	9	-	19	112
Median	2.1	1.1	1.2	1.4	2.0	2.1	2.6	2.6	3.3	3.7	...	2.1	...
Units with roomers, boarders, or lodgers	351	14	9	16	16	74	33	97	59	20	9	4	124
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	5 497	300	268	375	490	1 352	935	836	623	140	9	169	98
0.50 or less	2 704	244	190	259	245	601	386	390	228	57	-	99	90
1.00 to 1.00	2 480	45	67	102	213	666	465	410	369	69	4	70	105
1.01 to 1.50	238	5	11	14	13	52	71	36	22	14	-	-	107
1.51 or more	75	-	-	-	19	33	13	-	4	-	-	-	...
Lacking some or all plumbing facilities	386	187	95	36	31	22	4	6	-	-	-	-	56
0.50 or less	166	46	59	36	15	5	-	-	-	-	-	-	56
0.51 to 1.00	204	131	30	-	16	17	4	6	-	-	-	-	50
1.01 to 1.50	6	-	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	10	10	-	-	-	-	-	-	-	-	-	-	...
BEDROOMS													
None	470	170	63	24	48	104	24	20	17	-	-	-	61
1	1 759	303	106	226	182	572	152	138	40	20	-	20	106
2	2 361	18	139	117	281	452	558	502	252	21	21	-	121
3 or more	1 307	-	20	-	-	240	354	215	355	64	-	59	121
YEAR STRUCTURE BUILT													
1969 to March 1970	105	9	17	-	7	5	3	29	31	4	-	-	132
1965 to 1968	435	91	10	17	6	17	71	140	17	17	-	14	127
1960 to 1964	286	62	24	20	24	22	26	38	52	12	-	6	86
1950 to 1959	289	-	-	7	-	53	66	69	51	14	-	20	122
1940 to 1949	290	-	8	11	5	63	66	49	67	14	-	16	117
1939 or earlier	4 478	325	304	356	479	1 179	761	586	282	79	9	118	92
ELEVATOR IN STRUCTURE													
4 floors or more	315	180	-	-	-	68	43	24	-	-	-	-	...
With elevator	315	180	-	-	-	68	43	24	-	-	-	-	...
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	5 582	311	328	367	511	1 300	1 045	851	664	105	21	79	99
COMPLETE BATHROOMS													
1 and 1/2	5 295	276	266	351	487	1 367	870	828	549	142	7	152	97
2 or more	131	8	-	-	6	-	11	11	37	11	-	47	...
None or also used by another household	457	191	111	52	41	26	4	9	8	-	-	15	53
INCOME IN 1969													
Less than \$2,000	1 346	321	124	119	84	268	90	128	102	42	9	59	79
\$2,000 to \$2,999	589	51	53	68	58	168	91	59	31	-	-	10	86
\$3,000 to \$3,999	500	30	45	62	38	133	91	72	22	-	-	7	89
\$4,000 to \$4,999	367	16	50	37	59	104	51	51	11	-	-	8	85
\$5,000 to \$5,999	408	28	29	41	26	140	69	40	25	-	-	10	90
\$6,000 to \$6,999	431	4	17	20	67	105	46	82	58	6	-	26	97
\$7,000 to \$9,999	1 143	27	28	58	101	286	235	202	152	26	-	28	105
\$10,000 to \$14,999	797	10	11	6	73	150	223	150	129	24	-	21	112
\$15,000 to \$24,999	243	-	6	-	10	20	43	41	82	36	-	5	149
\$25,000 or more	39	-	-	-	5	-	-	17	11	6	-	-	...
Median	\$5 300	\$2000-	\$3 100	\$3 300	\$5 800	\$5 100	\$7 400	\$6 900	\$8 200	\$9 500	...	\$5 300	...
YEAR MOVED INTO UNIT													
1969 to March 1970	2 340	94	103	74	211	511	394	477	351	88	7	30	108
1968	1 018	100	28	56	79	254	203	142	98	35	-	23	98
1967	390	13	-	46	14	129	62	76	39	-	-	11	98
1965 and 1966	570	45	76	75	33	119	67	92	32	18	-	13	93
1960 to 1964	698	87	66	67	72	182	92	57	54	-	-	21	84
1950 to 1959	539	76	28	53	76	158	47	11	11	12	-	74	80
1949 or earlier	328	60	76	32	49	40	20	-	9	-	-	42	62
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	496	57	40	34	96	126	73	47	23	-	-	...	83
10 to 14 percent	1 134	38	68	91	149	299	267	98	77	27	-	...	96
15 to 19 percent	875	51	59	43	53	205	175	182	97	30	-	...	103
20 to 24 percent	627	38	40	46	58	122	116	116	121	4	-	...	102
25 to 34 percent	781	143	32	56	57	170	88	99	116	20	-	...	91
35 percent or more	1 713	160	120	130	102	426	254	292	166	54	9	...	96
Not computed	257	-	4	11	6	26	-	8	23	5	-	174	...
AIR CONDITIONING													
Room unit(s)	987	37	49	53	89	151	154	222	152	38	-	42	112
Central system	270	6	12	-	7	21	11	37	115	36	-	25	162
None	4 626	432	316	350	438	1 221	720	589	327	79	7	147	91

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]

La Crosse	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	10 276	1 088	762	570	493	492	536	1 973	2 612	1 317	433	8 800
ROOMS												
1 and 2 rooms	31	11	10	5	—	—	—	5	—	—	—	...
3 rooms	201	67	39	19	20	—	8	24	—	—	5	2 900
4 rooms	1 435	232	137	143	104	110	95	281	255	78	—	5 900
5 rooms	3 214	348	253	246	180	174	191	667	856	250	49	8 000
6 rooms	2 692	254	161	127	98	106	149	560	780	361	96	9 400
7 rooms or more	2 703	176	162	30	91	102	93	436	702	628	283	11 900
PERSONS												
1 person	1 674	778	338	145	112	66	58	76	66	30	5	2 200
2 persons	3 349	215	345	359	317	288	240	680	680	263	118	6 600
3 and 4 persons	2 896	53	44	48	43	93	182	776	1 016	512	129	11 000
5 persons	1 087	26	12	5	16	10	37	247	412	235	87	12 300
6 persons or more	1 270	16	23	13	5	35	19	350	438	277	94	12 000
Units with roomers, boarders, or lodgers	218	46	25	11	14	11	10	37	16	38	10	6 200
BEDROOMS												
Less than 3	3 950	1 003	347	448	189	235	196	565	727	124	116	4 900
3	3 986	299	277	82	197	97	157	754	1 401	598	124	10 500
4 or more	2 229	187	138	36	60	56	42	365	714	450	181	11 600
YEAR STRUCTURE BUILT												
1969 to March 1970	54	—	—	—	—	—	—	28	11	10	5	...
1960 to 1968	993	36	10	21	34	15	10	188	409	186	84	12 200
1950 to 1959	1 943	64	58	35	55	52	70	427	668	403	111	11 600
1949 or earlier	7 286	988	694	514	404	425	456	1 330	1 524	718	233	7 400
YEAR MOVED INTO UNIT												
1969 to March 1970	459	19	7	—	—	—	11	127	171	104	20	11 900
1968	504	20	13	19	14	15	17	120	169	87	30	11 000
1960 to 1967	3 085	141	110	143	127	114	163	748	890	482	167	10 000
1959 or earlier	6 228	771	654	414	366	396	404	1 030	1 297	686	210	7 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	7 138	629	459	320	276	255	203	1 235	2 318	1 060	383	10 400
Clothes dryer	5 624	351	215	185	162	194	205	1 121	1 840	988	363	11 000
Dishwasher	1 784	156	41	—	40	—	—	210	595	455	226	13 200
Home food freezer	3 159	225	220	127	91	185	78	618	993	413	209	10 200
Owned second home	745	20	54	50	37	—	20	142	271	94	57	10 900
With air conditioning	4 181	144	249	179	199	116	202	730	1 210	797	355	11 100
Room unit(s)	2 840	110	197	142	167	96	179	546	825	465	113	9 900
Central system	1 341	34	52	37	32	20	23	184	385	332	242	13 700
Automobiles available:												
1	5 386	367	456	414	385	330	442	1 311	1 270	355	56	7 700
2	3 005	42	37	9	40	99	87	572	1 060	776	283	12 900
3 or more	560	—	—	7	—	—	11	57	169	228	88	16 600
Renter occupied housing units	5 883	1 346	589	500	387	408	431	1 143	797	243	39	5 300
ROOMS												
1 room	338	150	58	36	16	22	10	41	5	—	—	2 300
2 rooms	430	187	58	38	30	28	35	49	5	—	—	2 500
3 rooms	1 309	493	183	107	130	107	41	195	30	11	12	2 900
4 rooms	1 500	207	120	164	109	114	114	349	243	75	5	6 300
5 rooms	1 365	221	111	84	74	81	123	308	292	66	5	6 900
6 rooms or more	941	88	59	71	28	56	108	201	222	91	17	7 900
PERSONS												
1 person	1 884	840	253	177	152	103	87	170	69	21	12	2 400
2 persons	1 678	274	196	130	130	137	131	333	177	116	5	5 400
3 and 4 persons	1 703	192	110	108	105	113	153	493	330	83	16	7 400
5 persons	324	36	15	18	—	39	25	82	93	10	6	8 100
6 persons or more	294	4	15	18	—	16	35	65	128	13	—	9 700
Units with roomers, boarders, or lodgers	351	188	59	31	9	25	12	22	—	5	—	2000—
BEDROOMS												
None	470	285	44	24	—	60	20	37	—	—	—	2000—
1	1 759	627	217	143	219	139	61	288	24	21	—	3 200
2	2 361	359	269	141	207	100	233	572	301	179	—	6 400
3 or more	1 307	144	37	82	70	37	168	287	410	25	47	8 200
YEAR STRUCTURE BUILT												
1969 to March 1970	105	19	16	—	5	6	11	32	12	4	—	6 600
1960 to 1968	721	230	51	59	42	24	35	111	100	58	11	4 500
1950 to 1959	280	69	40	28	11	11	11	60	23	27	—	4 300
1949 or earlier	4 777	1 028	482	413	329	367	374	940	662	154	28	5 400
YEAR MOVED INTO UNIT												
1969 to March 1970	2 340	531	310	242	112	172	188	449	261	63	12	4 800
1968	1 018	190	78	64	88	84	67	213	186	33	15	6 100
1960 to 1967	1 658	371	138	126	63	107	115	306	300	125	7	6 200
1959 or earlier	867	233	70	106	91	67	54	142	77	27	—	4 300
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹												
Less than 15 percent	5 883	1 346	589	500	387	408	431	1 143	797	243	39	5 300
15 to 19 percent	1 630	—	5	5	33	98	101	539	592	218	39	10 300
20 to 24 percent	875	15	11	57	86	99	122	326	139	20	—	7 400
25 to 34 percent	627	14	45	80	94	117	69	168	40	—	—	5 700
35 percent or more	781	132	129	162	114	67	101	71	5	—	—	3 800
Not computed	1 713	1 043	389	189	52	17	12	11	—	—	—	2000—
	257	142	10	7	8	10	26	28	21	5	—	2000—
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	1 792	125	152	82	160	58	209	352	495	112	47	7 900
Clothes dryer	1 242	86	61	40	19	56	125	304	411	118	22	9 300
Dishwasher	219	39	—	—	19	39	20	20	62	20	—	...
Home food freezer	301	21	25	19	—	—	83	64	64	—	25	...
Owned second home	181	49	—	—	—	—	19	20	63	30	—	...
With air conditioning	1 257	208	70	86	55	69	85	316	217	123	28	7 500
Room unit(s)	987	152	47	69	47	60	76	270	177	75	14	7 500
Central system	270	56	23	17	8	9	9	46	40	48	14	7 800
Automobiles available:												
1	3 222	384	272	268	235	274	320	812	499	143	15	6 600
2	796	38	41	62	12	56	48	163	273	84	19	9 600
3 or more	113	48	15	—	—	6	—	14	16	14	—	...

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

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

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

La Crosse	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	10 276	10 111	5 902	3 723	423	63	165	136	24	5	-
PERSONS											
1 person.....	1 674	1 603	1 603	-	-	-	71	65	6	-	-
2 persons.....	3 349	3 272	3 213	59	-	-	77	67	10	-	-
3 persons.....	1 586	1 577	806	771	-	-	9	4	-	5	-
4 persons.....	1 310	1 302	170	1 132	-	-	8	-	8	-	-
5 persons.....	1 087	1 087	110	969	8	-	-	-	-	-	-
6 persons or more	1 270	1 270	-	792	415	63	-	-	-	-	-
Median	2.6	2.6	1.9	4.4	7.1	...	1.6	1.5	...	...	...
Units with roomers, boarders, or lodgers.....	218	218	118	91	9	-	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	51	51	19	32	-	-	-	-	-	-	-
1965 to 1968	525	525	242	243	40	-	-	-	-	-	-
1960 to 1964	460	460	201	252	7	-	-	-	-	-	-
1950 to 1959	1 949	1 933	917	887	122	7	16	7	9	-	-
1940 to 1949	1 372	1 366	844	470	52	-	6	-	6	-	-
1939 or earlier.....	5 919	5 779	3 678	1 880	156	65	140	127	13	-	-
INCOME IN 1969											
Less than \$2,000	1 088	1 037	975	62	-	-	51	45	6	-	-
\$2,000 to \$2,999	762	716	649	53	14	-	46	41	-	5	-
\$3,000 to \$3,999	570	554	507	38	9	-	16	11	5	-	-
\$4,000 to \$4,999	493	489	431	53	5	-	4	4	-	-	-
\$5,000 to \$5,999	492	478	373	84	17	4	14	14	-	-	-
\$6,000 to \$6,999	536	530	313	217	-	-	6	6	-	-	-
\$7,000 to \$9,999	1 973	1 950	798	990	143	19	23	10	13	-	-
\$10,000 to \$14,999	2 612	2 612	1 011	1 414	163	24	-	-	-	-	-
\$15,000 to \$24,999	1 317	1 317	607	638	56	16	-	-	-	-	-
\$25,000 or more	433	428	238	174	16	-	5	5	-	-	-
Median	\$8 800	\$8 900	\$6 100	\$11 300	\$10 700	...	\$2 700	\$2 600	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	9 091	8 979	5 152	3 388	380	59	112	88	19	5	-
Less than 1.5	2 799	2 766	1 124	1 456	149	37	33	23	5	5	-
1.5 to 1.9	1 729	1 715	797	827	87	4	14	11	3	-	-
2.0 to 2.4	1 274	1 269	638	539	78	14	5	5	-	-	-
2.5 to 2.9	777	772	470	270	28	4	5	-	5	-	-
3.0 to 3.9	758	747	540	178	29	-	11	11	-	-	-
4.0 or more	1 717	1 673	1 551	113	9	-	44	38	6	-	-
Not computed	37	37	32	5	-	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water	876	866	543	286	33	4	10	5	5	-	-
Warm-air furnace	8 659	8 621	4 929	3 252	381	59	38	38	-	-	-
Built-in electric units	76	76	56	20	-	-	-	-	-	-	-
Floor, wall, or pipeless furnace	104	93	46	47	-	-	11	6	5	-	-
Other means	561	455	328	118	9	-	106	87	14	5	-
None	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	5 883	5 497	2 704	2 480	238	75	386	166	204	6	10
PERSONS											
1 person.....	1 884	1 582	1 461	121	-	-	302	140	162	-	-
2 persons.....	1 678	1 612	1 031	540	-	41	66	26	30	-	10
3 persons.....	984	978	168	786	24	-	6	-	6	-	-
4 persons.....	719	707	38	633	36	-	12	-	6	-	-
5 persons.....	324	324	6	273	40	5	-	-	-	-	-
6 persons or more	294	294	-	127	138	29	-	-	-	-	-
Median	2.1	2.2	1.4	3.2	5.8	...	1.1	1.1	1.1	...	...
Units with roomers, boarders, or lodgers.....	351	345	68	240	22	15	6	-	6	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	99	99	21	74	-	4	-	-	-	-	-
1965 to 1968	459	452	243	168	15	26	7	-	7	-	-
1960 to 1964	278	278	143	107	28	-	-	-	-	-	-
1950 to 1959	279	272	115	141	9	7	7	7	-	-	-
1940 to 1949	306	306	149	143	7	7	-	-	-	-	-
1939 or earlier.....	4 462	4 054	1 977	1 872	159	46	408	205	191	-	12
INCOME IN 1969											
Less than \$2,000	1 346	1 177	805	320	41	11	169	51	112	-	6
\$2,000 to \$2,999	589	526	293	196	7	30	63	26	37	-	-
\$3,000 to \$3,999	500	475	256	188	25	6	25	11	10	-	4
\$4,000 to \$4,999	387	356	193	163	-	-	31	20	5	6	-
\$5,000 to \$5,999	408	383	150	206	27	-	25	10	15	-	-
\$6,000 to \$6,999	431	409	189	213	-	7	22	17	5	-	-
\$7,000 to \$9,999	1 143	1 108	378	666	54	10	35	26	9	-	-
\$10,000 to \$14,999	797	781	256	430	84	11	16	5	11	-	-
\$15,000 to \$24,999	243	243	161	82	-	-	-	-	-	-	-
\$25,000 or more	39	39	23	16	-	-	-	-	-	-	-
Median	\$5 300	\$5 600	\$4 000	\$6 800	\$8 100	...	\$2 400	\$3 500	\$2000-	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	5 883	5 497	2 704	2 480	238	75	386	166	204	6	10
Less than 10 percent	496	454	201	201	40	12	42	21	21	-	-
10 to 14 percent	1 134	1 067	477	531	47	12	67	47	20	-	-
15 to 19 percent	875	815	337	440	38	-	60	21	29	6	4
20 to 24 percent	627	596	236	317	43	-	31	6	25	-	-
25 to 34 percent	781	726	365	329	20	12	55	26	29	-	-
35 percent or more	1 713	1 591	931	576	45	39	122	40	76	-	6
Not computed	257	248	157	86	5	-	9	5	4	-	-
HEATING EQUIPMENT											
Steam or hot water	1 319	1 113	641	417	55	-	206	73	129	-	4
Warm-air furnace	3 423	3 278	1 543	1 572	133	30	145	63	70	6	6
Built-in electric units	67	62	26	31	5	-	5	5	-	-	-
Floor, wall, or pipeless furnace	59	59	24	29	-	6	-	-	-	-	-
Other means	1 015	985	470	431	45	39	30	25	5	-	-
None	-	-	-	-	-	-	-	-	-	-	-

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]

La Crosse

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	10 276	6	25	201	1 435	3 214	2 692	1 528	1 175	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	10 067	-	22	145	1 465	3 145	2 655	1 507	1 128	5.6
PERSONS										
1 person	1 674	6	20	115	324	613	356	142	98	5.1
2 persons	3 349	-	-	69	792	1 204	730	310	244	5.2
3 persons	1 586	-	5	17	211	543	429	248	133	5.5
4 persons	1 310	-	-	-	80	367	465	228	170	5.9
5 persons	1 087	-	-	-	8	306	376	214	183	6.1
6 persons or more	1 270	-	-	-	20	181	336	386	347	6.8
Median	2.6	...	...	1.4	2.0	2.3	3.1	3.8	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	10 111	-	20	180	1 409	3 168	2 652	1 518	1 164	5.6
0.50 or less	5 902	-	20	104	1 090	1 771	1 483	690	744	5.5
0.51 to 1.00	3 723	-	-	76	291	1 216	1 019	738	383	5.8
1.01 to 1.50	423	-	-	-	13	168	129	85	28	5.7
1.51 or more	63	-	-	-	15	13	21	5	9	...
Lacking some or all plumbing facilities	165	6	5	21	26	46	40	10	11	5.0
0.50 or less	136	-	-	11	26	46	32	10	10	5.2
0.51 to 1.00	24	6	-	10	-	-	8	-	-	...
1.01 to 1.50	5	-	5	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	650	-	25	265	205	99	36	20	-	3.7
2	3 300	-	-	-	959	1 671	575	95	-	4.9
3	3 986	-	-	-	20	1 390	1 857	552	167	5.8
4 or more	2 229	-	-	-	-	36	211	927	1 055	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	54	-	-	5	5	18	16	-	10	...
1960 to 1968	993	-	-	-	67	351	279	116	180	5.8
1950 to 1959	1 943	6	5	-	320	729	488	247	148	5.4
1949 or earlier	7 286	-	20	196	1 043	2 116	1 909	1 165	837	5.6
COMPLETE BATHROOMS										
1 and 1 1/2	8 836	-	22	136	1 431	3 042	2 389	1 205	611	5.4
2 or more	1 231	-	-	9	34	103	266	302	517	7.2
None or also used by another household	209	9	7	26	40	55	48	11	13	4.9
VALUE-INCOME RATIO										
Specified owner occupied¹	9 091	6	10	135	1 181	2 790	2 456	1 436	1 077	5.7
Less than 1.5	2 799	-	5	37	315	714	823	530	375	5.9
1.5 to 1.9	1 729	-	-	15	203	600	464	232	215	5.6
2.0 to 2.9	2 051	-	-	25	254	611	512	364	285	5.8
3.0 or more	2 475	6	5	58	404	860	641	310	191	5.4
Not computed	37	-	-	-	5	5	16	-	11	...
Renter occupied housing units	5 883	338	430	1 309	1 500	1 365	564	218	159	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	5 389	125	286	1 282	1 424	1 424	506	187	155	4.2
PERSONS										
1 person	1 884	283	331	688	334	195	26	16	11	3.0
2 persons	1 678	51	75	495	483	387	126	35	26	4.0
3 persons	984	-	24	79	387	326	135	29	4	4.5
4 persons	719	-	-	42	238	241	113	47	38	4.8
5 persons	324	-	-	5	40	123	77	57	22	5.5
6 persons or more	294	4	-	-	18	93	87	34	58	5.9
Median	2.1	1.1	1.1	1.5	2.4	2.8	3.5	4.1	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	5 497	166	304	1 270	1 457	1 359	564	218	159	4.2
0.50 or less	2 704	-	222	668	780	582	287	80	85	4.1
0.51 to 1.00	2 480	121	58	561	619	684	242	128	67	4.3
1.01 to 1.50	238	-	24	36	45	81	35	10	7	4.7
1.51 or more	75	45	-	5	13	12	-	-	-	...
Lacking some or all plumbing facilities	386	172	126	39	43	6	-	-	-	...
0.50 or less	166	-	109	20	37	6	-	-	-	2.3
0.51 to 1.00	204	162	17	13	6	6	-	-	-	1.7
1.01 to 1.50	6	-	-	6	-	-	-	-	-	1.1
1.51 or more	10	10	-	-	-	-	-	-	-	...
BEDROOMS										
None	470	-	107	-	-	-	-	-	-	1.1
1	1 759	363	237	1 116	276	110	20	-	-	3.1
2	2 361	-	-	199	1 217	794	151	-	-	4.3
3 or more	1 307	-	-	-	20	283	496	292	216	6.2
YEAR STRUCTURE BUILT										
1969 to March 1970	105	3	11	12	57	13	9	-	-	4.0
1960 to 1968	721	52	73	263	182	109	19	15	8	3.4
1950 to 1959	280	25	40	65	58	52	16	24	-	3.7
1949 or earlier	4 777	258	306	969	1 203	1 191	520	179	151	4.2
COMPLETE BATHROOMS										
1 and 1 1/2	5 295	147	286	1 276	1 425	1 414	500	167	80	4.2
2 or more	131	8	-	6	6	10	6	20	75	...
None or also used by another household	457	171	153	35	67	17	14	-	-	1.9
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	5 883	338	430	1 309	1 500	1 365	564	218	159	4.1
Less than 10 percent	496	27	20	41	187	124	63	17	17	4.4
10 to 14 percent	1 134	40	48	180	355	316	110	62	23	4.3
15 to 19 percent	875	52	49	130	206	284	102	25	27	4.5
20 to 24 percent	627	21	41	139	169	130	89	28	10	4.2
25 to 34 percent	781	59	70	234	207	104	79	17	11	3.6
35 percent or more	1 713	134	181	542	341	347	100	43	25	3.5
Not computed	257	5	21	43	35	60	21	26	46	4.9

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-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]

La Crosse	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	10 276	9 229	967	80	5 883	1 761	1 975	958	440	362	382	5
ROOMS												
1 room	6	6	-	-	338	9	5	43	92	124	65	-
2 rooms	25	10	10	5	430	10	30	147	101	73	69	-
3 rooms	201	140	56	5	1 309	155	418	346	127	55	208	-
4 rooms	1 435	1 191	196	48	1 500	352	664	264	98	82	35	5
5 rooms	3 214	2 844	348	22	1 365	601	596	129	17	17	5	-
6 rooms	2 692	2 480	212	-	564	334	189	25	5	11	-	-
7 rooms	1 528	1 450	78	-	218	162	56	-	-	-	-	-
8 rooms or more	1 175	1 108	67	-	159	138	17	4	-	-	-	-
Median	5.6	5.7	5.1	...	4.1	5.1	4.3	3.3	2.7	2.3	2.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 111	9 117	914	80	5 497	1 755	1 933	846	337	269	352	5
0.50 or less	5 902	5 236	616	50	2 704	752	957	437	182	120	256	-
0.51 to 1.00	3 723	3 428	269	26	2 480	862	875	379	147	131	81	5
1.01 to 1.50	423	394	25	4	238	106	97	24	3	6	-	-
1.51 or more	63	59	4	-	75	35	4	6	5	12	15	-
Lacking some or all plumbing facilities	165	112	53	-	386	6	42	112	103	93	30	-
0.50 or less	136	88	48	-	166	6	26	73	31	25	5	-
0.51 to 1.00	24	19	5	-	204	-	10	39	68	62	25	-
1.01 to 1.50	5	5	-	-	6	-	6	-	-	-	-	-
1.51 or more	-	-	-	-	10	-	-	-	4	6	-	-
BEDROOMS												
None	-	-	-	-	470	17	39	88	68	194	64	-
1	650	448	183	19	1 759	154	655	420	138	83	309	-
2	3 300	2 766	480	54	2 361	691	1 082	238	150	150	24	26
3	3 986	3 709	277	-	932	526	367	39	-	-	-	-
4 or more	2 229	2 145	84	-	375	265	85	25	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	54	31	5	18	105	-	50	4	3	28	20	-
1965 to 1968	506	458	16	32	435	37	79	18	86	90	125	-
1960 to 1964	487	460	12	15	286	47	114	-	16	27	77	5
1950 to 1959	1 943	1 903	30	10	280	90	68	5	10	11	96	-
1940 to 1949	1 324	1 279	45	-	299	204	60	18	17	-	-	-
1939 or earlier	5 962	5 098	859	5	4 478	1 383	1 604	913	308	206	64	-
INCOME IN 1969												
Less than \$2,000	1 088	896	182	10	1 346	227	411	263	123	98	224	-
\$2,000 to \$2,999	762	619	143	-	589	129	186	104	65	55	50	-
\$3,000 to \$3,999	570	482	83	5	500	112	198	90	53	10	37	-
\$4,000 to \$4,999	493	454	34	5	387	65	160	95	35	27	5	-
\$5,000 to \$5,999	492	458	34	-	408	127	147	70	15	34	15	-
\$6,000 to \$6,999	536	474	62	-	431	164	134	65	37	21	10	-
\$7,000 to \$9,999	1 973	1 781	150	42	1 143	400	393	174	68	72	36	-
\$10,000 to \$14,999	2 612	2 388	206	18	797	415	252	71	27	22	5	5
\$15,000 to \$24,999	1 317	1 253	64	-	243	99	84	20	17	23	-	-
\$25,000 or more	433	424	9	-	39	23	10	6	-	-	-	-
Median	\$8 800	\$9 100	\$6 100	...	\$5 300	\$7 400	\$5 200	\$4 200	\$3 600	\$4 700	\$2000-	...
YEAR MOVED INTO UNIT												
1969 to March 1970	459	381	62	16	2 340	555	856	403	229	175	122	-
1968	504	462	28	14	1 018	327	275	179	52	58	127	-
1967	411	363	35	13	370	141	125	65	25	20	14	-
1965 and 1966	1 056	951	86	19	590	173	183	91	71	7	45	-
1960 to 1964	1 618	1 502	103	13	698	276	175	99	42	54	52	-
1950 to 1959	2 926	2 659	267	-	521	173	175	118	28	15	12	-
1949 or earlier	3 302	2 901	394	7	346	192	82	36	23	13	-	-
GROSS RENT												
Specified renter occupied¹	5 883	1 761	1 975	958	440	362	382	5				
Less than \$50	487	30	68	75	74	74	166	-	-	-	-	-
\$50 to \$59	363	73	143	65	47	15	15	5	-	-	-	-
\$60 to \$69	411	58	154	129	35	19	16	-	-	-	-	-
\$70 to \$79	521	126	170	160	40	20	5	-	-	-	-	-
\$80 to \$99	1 374	380	471	268	91	90	74	-	-	-	-	-
\$100 to \$119	939	339	363	122	51	19	45	-	-	-	-	-
\$120 to \$149	842	277	347	79	58	40	41	-	-	-	-	-
\$150 to \$199	623	261	214	26	34	68	20	-	-	-	-	-
\$200 to \$299	140	89	20	20	5	6	-	-	-	-	-	-
\$300 or more	9	9	-	-	-	-	-	-	-	-	-	-
No cash rent	174	119	25	14	5	11	-	-	-	-	-	-
Median	\$95	\$109	\$99	\$83	\$85	\$89	\$66	...				
HEATING EQUIPMENT												
Steam or hot water	876	714	162	-	1 319	147	317	286	190	168	211	-
Warm-air furnace	8 659	7 881	730	48	3 423	1 198	1 279	471	168	172	135	-
Built-in electric units	76	64	-	12	67	11	5	5	36	5	-	5
Floor, wall, or pipeless furnace	104	89	5	10	59	22	20	6	5	6	-	-
Other means	561	481	70	10	1 015	383	354	190	41	11	36	-
None	-	-	-	-	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	2 840	2 578	262	-	987	334	282	122	86	63	100	-
Central system	1 341	1 227	100	14	270	50	50	14	29	104	23	-
None	6 095	5 414	613	68	4 626	1 453	1 539	855	355	175	249	-
AUTOMOBILES AVAILABLE												
1	5 386	4 832	485	69	3 222	1 109	1 110	490	207	209	97	-
2	3 005	2 803	196	6	796	387	258	106	18	20	7	-
3 or more	560	518	42	-	113	44	35	12	8	8	6	-
None	1 325	1 066	252	7	1 752	297	468	383	237	105	262	-

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]

La Crosse

	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 -----	10 276	49	929	1 538	3 547	1 478	204	85	466	306	607	1 067
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities -----	10 111	49	929	1 533	3 520	1 436	204	85	461	291	596	1 007
0.50 or less -----	5 902	9	203	229	1 887	1 281	111	73	258	248	596	1 007
0.51 to 1.00 -----	3 723	30	659	1 071	1 489	150	88	12	181	43	--	--
1.01 to 1.50 -----	423	10	67	198	125	--	5	--	18	--	--	--
1.51 or more -----	63	--	--	35	19	5	--	--	4	--	--	--
Lacking some or all plumbing facilities -----	165	--	--	5	27	42	--	--	5	15	11	60
0.50 or less -----	136	--	--	--	14	37	--	--	5	15	5	60
0.51 to 1.00 -----	24	--	--	5	8	5	--	--	--	--	6	--
1.01 to 1.50 -----	5	--	--	--	5	--	--	--	--	--	--	--
1.51 or more -----	--	--	--	--	--	--	--	--	--	--	--	--
UNITS IN STRUCTURE												
1 -----	9 229	44	846	1 437	3 289	1 295	182	81	417	260	526	852
2 or more -----	967	5	73	88	239	170	17	4	49	46	66	210
Mobile home or trailer -----	80	--	10	13	19	13	5	--	--	--	15	5
INCOME IN 1969												
Less than \$2,000 -----	1 088	--	15	16	53	110	10	13	27	66	138	640
\$2,000 to \$2,999 -----	762	--	--	10	27	285	5	4	44	49	85	253
\$3,000 to \$3,999 -----	570	--	5	20	47	287	--	6	19	41	92	53
\$4,000 to \$4,999 -----	492	--	4	5	104	185	--	11	58	14	53	59
\$5,000 to \$5,999 -----	492	5	15	37	161	87	11	10	64	36	62	4
\$6,000 to \$6,999 -----	536	--	52	54	165	112	11	12	46	26	39	19
\$7,000 to \$9,999 -----	1 973	14	386	407	725	149	72	5	106	33	72	4
\$10,000 to \$14,999 -----	2 612	25	337	566	1 299	142	53	10	87	27	36	30
\$15,000 to \$24,999 -----	1 317	5	104	322	725	55	38	14	10	14	25	5
\$25,000 or more -----	433	--	11	101	241	66	4	--	5	--	5	--
Median -----	\$8 800	...	\$9 900	\$11 900	\$11 900	\$4 300	\$9 700	...	\$6 500	\$3 900	\$3 900	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹ -----	9 091	44	841	1 411	3 223	1 290	182	81	406	250	521	842
Less than 1.5 -----	2 799	9	251	555	1 467	206	90	25	75	50	61	10
1.5 to 1.9 -----	1 729	10	193	396	783	154	25	10	71	29	58	--
2.0 to 2.4 -----	1 274	20	223	206	519	129	21	9	73	14	39	30
2.5 to 2.9 -----	777	--	80	151	222	138	15	9	50	26	71	15
3.0 to 3.9 -----	758	--	74	75	133	219	10	22	46	22	63	94
4.0 or more -----	1 717	5	20	28	99	444	21	15	80	109	218	678
Not computed -----	37	--	--	--	--	--	--	--	11	--	11	15
Renter occupied housing units -----	5 883	661	891	261	611	290	270	28	897	90	988	896
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities -----	5 497	645	885	261	600	285	259	28	868	84	798	784
0.50 or less -----	2 704	193	222	19	262	148	53	18	276	52	707	754
0.51 to 1.00 -----	2 480	433	604	167	309	132	159	4	527	24	91	30
1.01 to 1.50 -----	238	19	48	64	25	--	29	--	45	8	--	--
1.51 or more -----	75	--	11	11	4	5	18	6	20	--	--	--
Lacking some or all plumbing facilities -----	386	16	6	--	11	5	11	--	29	6	190	112
0.50 or less -----	166	5	--	--	5	5	5	--	5	6	95	45
0.51 to 1.00 -----	204	5	6	--	5	--	5	--	20	--	95	67
1.01 to 1.50 -----	6	6	--	--	--	--	--	--	--	--	--	--
1.51 or more -----	10	--	--	--	6	--	--	--	4	--	--	--
UNITS IN STRUCTURE												
1 -----	1 761	142	428	172	333	96	67	4	255	34	120	110
2 to 4 -----	2 933	420	385	89	238	142	163	12	547	45	505	387
5 to 19 -----	802	78	63	--	40	36	29	12	76	11	299	158
20 or more -----	382	21	10	--	16	11	11	--	19	--	64	241
Mobile home or trailer -----	5	--	5	--	--	--	--	--	--	--	--	--
GROSS RENT												
Specified renter occupied ² -----	5 883	661	891	261	611	290	270	28	897	90	988	896
Less than \$50 -----	487	14	--	--	6	15	11	10	13	17	141	260
\$50 to \$59 -----	363	16	10	4	23	6	--	--	53	6	108	137
\$60 to \$69 -----	411	21	26	--	25	38	26	6	38	--	92	139
\$70 to \$79 -----	521	66	71	22	50	32	12	--	72	9	114	73
\$80 to \$99 -----	1 374	207	172	53	151	112	56	12	217	24	250	120
\$100 to \$119 -----	939	138	189	72	120	36	42	--	168	21	112	41
\$120 to \$149 -----	842	137	161	51	82	35	57	--	160	13	93	53
\$150 to \$199 -----	623	52	198	31	94	5	52	--	108	--	49	34
\$200 to \$299 -----	140	--	58	4	29	--	4	--	39	--	6	--
\$300 or more -----	9	--	--	--	--	--	--	--	9	--	--	--
No cash rent -----	174	10	6	24	31	11	10	--	20	--	23	39
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ² -----	5 883	661	891	261	611	290	270	28	897	90	988	896
Less than \$5,000 -----	2 822	172	75	9	90	184	168	16	635	51	579	843
Less than 20 percent -----	212	31	--	--	11	6	--	6	24	13	91	30
20 to 24 percent -----	233	11	10	--	5	33	6	--	39	9	76	44
25 to 34 percent -----	537	46	31	5	20	45	17	--	73	4	112	184
35 percent or more -----	1 673	80	34	4	48	89	141	10	449	25	247	546
Not computed -----	167	4	--	--	6	11	--	--	50	--	53	39
\$5,000 to \$9,999 -----	1 982	383	448	113	263	94	79	12	200	30	317	43
Less than 20 percent -----	1 285	264	238	64	181	67	60	6	88	25	268	24
20 to 24 percent -----	354	76	119	25	41	12	7	6	43	5	15	5
25 to 34 percent -----	239	37	73	10	10	15	12	--	42	--	26	14
35 percent or more -----	40	--	12	--	10	--	--	--	18	--	--	--
Not computed -----	64	6	6	14	21	--	--	--	9	--	8	--
\$10,000 to \$14,999 -----	797	95	286	114	150	7	17	--	50	9	64	5
Less than 20 percent -----	731	95	250	105	135	7	11	--	50	9	64	5
20 to 24 percent -----	40	--	31	4	5	--	--	--	--	--	--	--
25 percent or more -----	5	--	5	--	--	--	--	--	--	--	--	--
Not computed -----	21	--	--	5	10	--	6	--	--	--	--	--
\$15,000 or more -----	282	11	82	25	108	5	6	--	12	--	28	5
Less than 20 percent -----	277	11	82	20	108	5	6	--	12	--	28	5
20 to 24 percent -----	--	--	--	--	--	--	--	--	--	--	--	--
25 percent or more -----	--	--	--	--	--	--	--	--	--	--	--	--
Not computed -----	5	--	--	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 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]

La Crosse	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units -----	10 276	1 674	3 349	1 586	1 310	1 087	610	386	274	2.6
BEDROOMS										
None and 1 -----	650	335	251	44	—	20	—	—	—	1.5
2 -----	3 300	923	1 505	395	267	176	34	—	—	2.0
3 -----	3 986	398	1 225	724	636	510	292	128	73	3.0
4 or more -----	2 229	233	357	177	281	485	331	184	181	4.6
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	54	5	16	13	15	—	—	—	5	...
1965 to 1968 -----	506	16	116	90	105	61	60	39	19	3.8
1960 to 1964 -----	487	23	111	78	105	117	44	—	9	3.8
1950 to 1959 -----	1 943	149	557	405	287	264	137	95	49	3.2
1940 to 1949 -----	1 324	221	492	183	188	119	56	38	27	2.4
1939 or earlier -----	5 962	1 260	2 057	817	610	526	313	214	165	2.3
UNITS IN STRUCTURE										
1 -----	9 229	1 378	2 961	1 453	1 207	1 028	586	365	251	2.7
2 or more -----	967	276	353	117	98	59	24	17	23	2.1
Mobile home or trailer -----	80	20	35	16	5	—	—	4	—	...
COMPLETE BATHROOMS										
1 and 1 1/2 -----	8 836	1 466	3 071	1 416	1 090	861	459	279	194	2.5
2 and 2 1/2 -----	1 109	54	180	197	185	204	100	104	85	4.2
3 or more -----	122	—	14	32	8	25	12	19	12	...
None or also used by another household -----	209	97	95	12	5	—	—	—	—	1.6
HOUSEHOLD COMPOSITION										
Two-or-more-person households -----	8 602	...	3 349	1 586	1 310	1 087	610	386	274	3.1
Male head, wife present, no nonrelatives -----	7 541	...	2 757	1 375	1 179	1 026	577	371	256	3.2
Under 25 years -----	49	...	5	19	10	—	5	5	5	...
25 to 34 years -----	929	...	87	146	287	254	113	26	16	4.3
35 to 44 years -----	1 538	...	61	122	326	408	263	188	170	5.1
45 to 64 years -----	3 547	...	1 360	925	520	348	187	142	65	2.9
65 years and over -----	1 478	...	1 244	163	36	16	9	10	—	2.1
Other male head -----	289	...	149	57	33	30	9	6	5	2.5
Under 65 years -----	204	...	85	48	21	30	9	6	5	2.9
65 years and over -----	85	...	64	9	12	—	—	—	—	...
Female head -----	772	...	443	154	98	31	24	9	13	2.4
Under 65 years -----	466	...	217	98	83	27	19	9	13	2.7
65 years and over -----	306	...	226	56	15	4	5	—	—	2.2
One-person households -----	1 674	1 674	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹ -----	9 091	1 363	2 922	1 421	1 191	1 012	575	360	247	2.7
Less than 1.5 -----	2 799	71	724	585	455	462	243	144	115	3.5
1.5 to 1.9 -----	1 729	58	509	341	336	229	149	64	43	3.4
2.0 to 2.4 -----	1 274	69	412	220	205	156	92	76	44	3.2
2.5 to 2.9 -----	777	86	312	112	85	83	40	27	32	2.5
3.0 to 3.9 -----	758	157	337	59	94	32	31	39	9	2.2
4.0 or more -----	1 717	896	622	104	16	50	15	10	4	1.5
Not computed -----	37	26	6	—	—	—	5	—	—	...
Renter occupied housing units -----	5 883	1 884	1 678	984	719	324	126	123	45	2.1
BEDROOMS										
None -----	470	433	—	20	—	—	—	17	—	1.0
1 -----	1 759	937	690	112	—	20	—	—	—	1.4
2 -----	2 361	193	876	767	387	120	18	—	—	2.6
3 or more -----	1 307	63	204	279	310	261	98	75	17	3.8
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	105	11	34	28	23	9	—	—	—	2.8
1965 to 1968 -----	435	202	110	65	33	14	—	11	—	1.6
1960 to 1964 -----	286	118	72	44	16	14	4	18	—	1.8
1950 to 1959 -----	280	113	79	36	41	4	—	7	—	1.8
1940 to 1949 -----	299	65	78	62	32	36	17	9	—	2.6
1939 or earlier -----	4 478	1 375	1 305	749	574	247	105	78	45	2.2
UNITS IN STRUCTURE										
1 -----	1 761	230	466	309	376	173	74	97	36	3.1
2 -----	1 975	496	611	406	267	119	41	26	9	2.3
3 and 4 -----	958	396	314	160	45	32	11	—	—	1.8
5 to 9 -----	440	261	112	41	26	—	—	—	—	1.3
10 to 19 -----	362	196	117	49	—	—	—	—	—	1.4
20 or more -----	382	305	58	19	—	—	—	—	—	1.1
Mobile home or trailer -----	5	—	—	—	5	—	—	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2 -----	5 295	1 596	1 571	879	709	293	112	92	43	2.2
2 or more -----	131	13	18	21	19	16	6	38	—	...
None or also used by another household -----	457	331	82	21	17	—	—	—	6	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households -----	3 999	...	1 678	984	719	324	126	123	45	2.8
Male head, wife present, no nonrelatives -----	2 714	...	1 092	708	482	205	84	106	37	2.9
Under 25 years -----	661	...	328	232	75	19	7	—	—	2.5
25 to 34 years -----	891	...	222	249	232	108	33	42	5	3.4
35 to 44 years -----	261	...	14	82	47	29	27	34	28	4.2
45 to 64 years -----	611	...	283	113	115	49	17	30	4	2.7
65 years and over -----	290	...	245	32	13	—	—	—	—	2.1
Other male head -----	298	...	147	56	61	24	4	6	—	2.5
Under 65 years -----	270	...	119	56	61	24	4	6	—	2.8
65 years and over -----	28	...	28	—	—	—	—	—	—	...
Female head -----	987	...	439	220	176	95	38	11	8	2.7
Under 65 years -----	897	...	380	197	176	95	30	11	8	2.8
65 years and over -----	90	...	59	23	—	—	8	—	—	...
One-person households -----	1 884	1 884	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied² -----	5 883	1 884	1 678	984	719	324	126	123	45	2.1
Less than 10 percent -----	496	104	125	130	62	28	15	25	7	2.6
10 to 14 percent -----	1 134	231	387	227	143	72	32	26	16	2.4
15 to 19 percent -----	875	180	262	212	98	61	36	16	10	2.5
20 to 24 percent -----	627	140	195	108	90	61	15	18	—	2.4
25 to 34 percent -----	781	336	159	108	113	32	5	20	8	1.8
35 percent or more -----	1 713	793	480	168	192	54	18	4	4	1.6
Not computed -----	257	100	70	31	21	16	5	14	—	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]

La Crosse					La Crosse				
	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	60	17	30	13	Vacant for rent	337	196	94	47
ROOMS					ROOMS				
1 to 3 rooms	—	—	—	—	1 room	64	36	5	23
4 rooms	4	—	4	—	2 rooms	8	8	—	—
5 rooms	25	13	8	4	3 rooms	71	34	25	12
6 rooms	14	—	14	—	4 rooms	96	52	37	7
7 rooms or more	17	4	4	9	5 rooms	63	38	20	5
					6 rooms	28	24	4	—
					7 rooms or more	7	4	3	—
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	60	17	30	13	With all plumbing facilities	283	166	81	36
Lacking some or all plumbing facilities	—	—	—	—	Lacking some or all plumbing facilities	54	30	13	11
BEDROOMS					BEDROOMS				
None and 1	—	—	—	—	None	74	30	15	29
2	20	—	20	—	1	75	45	15	15
3	45	26	—	19	2	71	42	—	29
4 or more	—	—	—	—	3 or more	45	30	15	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	7	7	—	—	1969 to March 1970	14	14	—	—
1960 to 1968	7	—	7	—	1960 to 1968	61	11	42	8
1950 to 1959	14	7	3	4	1950 to 1959	4	4	—	—
1949 or earlier	32	3	20	9	1949 or earlier	258	167	52	39
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	60	17	30	13	1	62	36	18	8
2 or more	—	—	—	—	2 to 4	184	100	68	16
					5 to 9	54	46	4	4
					10 to 19	26	14	4	8
					20 or more	11	—	—	11
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	—	—	—	—	Specified vacant for rent²	337	196	94	47
Warm-air furnace	40	10	26	4	Less than \$50	45	26	15	4
Built-in electric units	7	7	—	—	\$50 to \$59	24	12	9	3
Floor, wall, or pipeless furnace	13	—	—	—	\$60 to \$79	55	36	9	10
Other means	—	—	4	9	\$80 to \$99	104	61	13	30
None	—	—	—	—	\$100 to \$119	22	19	3	—
					\$120 to \$149	27	20	7	—
					\$150 to \$199	60	22	38	—
					\$200 or more	—	—	—	—
SALES PRICE ASKED					Median rent asked	\$89	\$88	...	...
Specified vacant for sale¹	60	17	30	13					
Less than \$5,000	—	—	—	—					
\$5,000 to \$9,999	8	—	4	4					
\$10,000 to \$14,999	4	—	4	—					
\$15,000 to \$19,999	23	10	8	5					
\$20,000 to \$24,999	8	4	4	4					
\$25,000 to \$34,999	10	3	7	—					
\$35,000 to \$49,999	7	—	7	—					
\$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 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]

La Crosse	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	60	8	4	23	8	10	7	337	69	55	104	49	60	—
PLUMBING FACILITIES														
With all plumbing facilities	65	—	20	26	19	—	—	191	15	41	45	45	45	—
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	74	59	15	—	—	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	149	59	15	45	30	—	—
2	20	—	20	—	—	—	—	71	15	41	—	—	15	—
3	45	—	—	26	19	—	—	30	—	—	—	—	30	—
4 or more	—	—	—	—	—	—	—	15	—	—	—	15	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	7	—	—	7	—	—	—	14	4	—	10	—	—	—
1960 to 1968	7	—	—	—	—	—	7	61	—	4	8	7	42	—
1950 to 1959	14	—	—	—	8	6	—	4	—	—	4	—	—	—
1949 or earlier	32	8	4	16	—	4	—	258	65	51	86	38	18	—
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	62	18	18	12	10	4	—
2 to 4 .....	...	...	...	...	...	...	...	184	21	33	43	39	48	—
5 to 19 .....	...	...	...	...	...	...	...	80	30	4	38	—	8	—
20 or more .....	...	...	...	...	...	...	...	11	—	—	11	—	—	—
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	121	34	18	49	16	4	—
Some or no utilities included .....	...	...	...	...	...	...	...	216	35	37	55	33	56	—

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."

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>• <input type="checkbox"/> <input type="checkbox"/></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 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</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> </tbody> </table>	a4. Block number	a5. Serial number	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
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<p>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><input type="radio"/> No</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>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>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>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>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> <div style="border: 1px solid black; padding: 2px; font-size: small;"> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> </div>	<p>B. Type of unit or quarters</p> <p>Occupied</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p>Vacant</p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p>Group quarters</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p style="font-size: x-small;">For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</p>																						
<p>H4. How many rooms do you have in your living quarters?</p> <p><i>Do not count bedrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p>	<p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</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>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>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>b. If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center; font-size: x-small;">(Nearest dollar) (Week, half-month, year, etc.)</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>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>C/O <input type="radio"/> <input type="radio"/></p>																						
<p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p>																								
<p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>																								

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> <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> <p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p>H19. Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p>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)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H20. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p>
<p>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 type="radio"/> 1940 to 1949</p> <p><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</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p>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 type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>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</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
<p>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)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

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

<p>H13. Answer question H13 if you pay rent for your living quarters.</p> <p>In addition to the rent entered in H12, do you also pay for—</p> <p>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?</p> <p>Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/></p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p> <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="checkbox"/> <input 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?</p> <p>Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families <input checked="" type="checkbox"/></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="checkbox"/></p> <p><input type="radio"/> \$50 to \$249 <input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$5,000 to \$9,999</p> <p><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?</p> <p><input checked="" type="checkbox"/> From underground pipes serving the neighborhood.</p> <p>Gas <input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p>b. Which fuel is used most for house heating?</p> <p><input checked="" type="checkbox"/> From underground pipes serving the neighborhood.</p> <p>Gas <input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p>c. Which fuel is used most for water heating?</p> <p><input checked="" type="checkbox"/> From underground pipes serving the neighborhood.</p> <p>Gas <input type="radio"/> Bottled, tank, or LP</p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p>H26. How many bedrooms do you have?</p> <p>Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom</p> <p><input type="radio"/> 1 bedroom</p> <p><input type="radio"/> 2 bedrooms</p> <p><input checked="" type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 5 bedrooms or more</p> <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 type="radio"/> No <input checked="" type="checkbox"/></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 type="radio"/> No <input checked="" type="checkbox"/></p> <hr/> <p>H29. Do you have a battery-operated radio?</p> <p>Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p> <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

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				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 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 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.

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

POSTAGE AND FEES PAID
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Table

1, 11, 19 VALUE

2, 12, 20 GROSS RENT

3, 13, 21 INCOME IN 1969

4, 14, 22 PLUMBING FACILITIES
BY PERSONS PER ROOM

5, 15, 23 ROOMS

6, 16, 24 UNITS IN STRUCTURE

7, 17, 25 HOUSEHOLD COMPOSITION

8, 18, 26 PERSONS

9 DURATION OF VACANCY

10 SALES PRICE ASKED
AND RENT ASKED
