

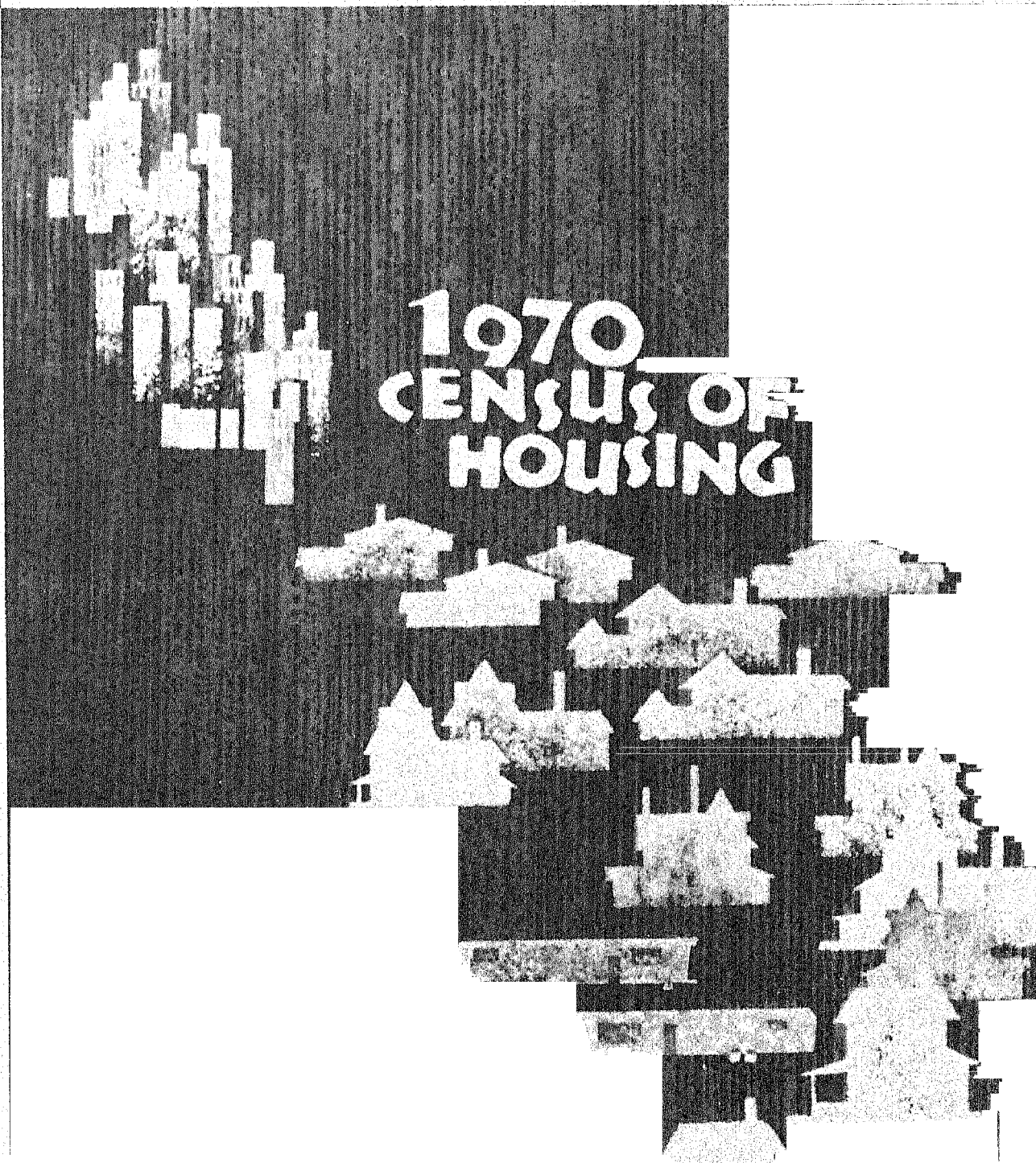
A UNITED STATES
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Metropolitan Housing Characteristics

SOUTH BEND, IND.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-206



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

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Conrad Taauber, Associate Director

Daniel B. Levine, Acting Deputy Associate Director

David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

Arthur F. Young, Chief

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**SOUTH BEND, IND.
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†	—	—

¹Vacant units tabulated by plumbing facilities only.

INTRODUCTION

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GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

Derived figures (medians, etc.).—

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

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

South Bend, Ind.

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 206.]

page

MAP

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

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Counties, Standard Metropolitan Statistical Areas, and Selected Places

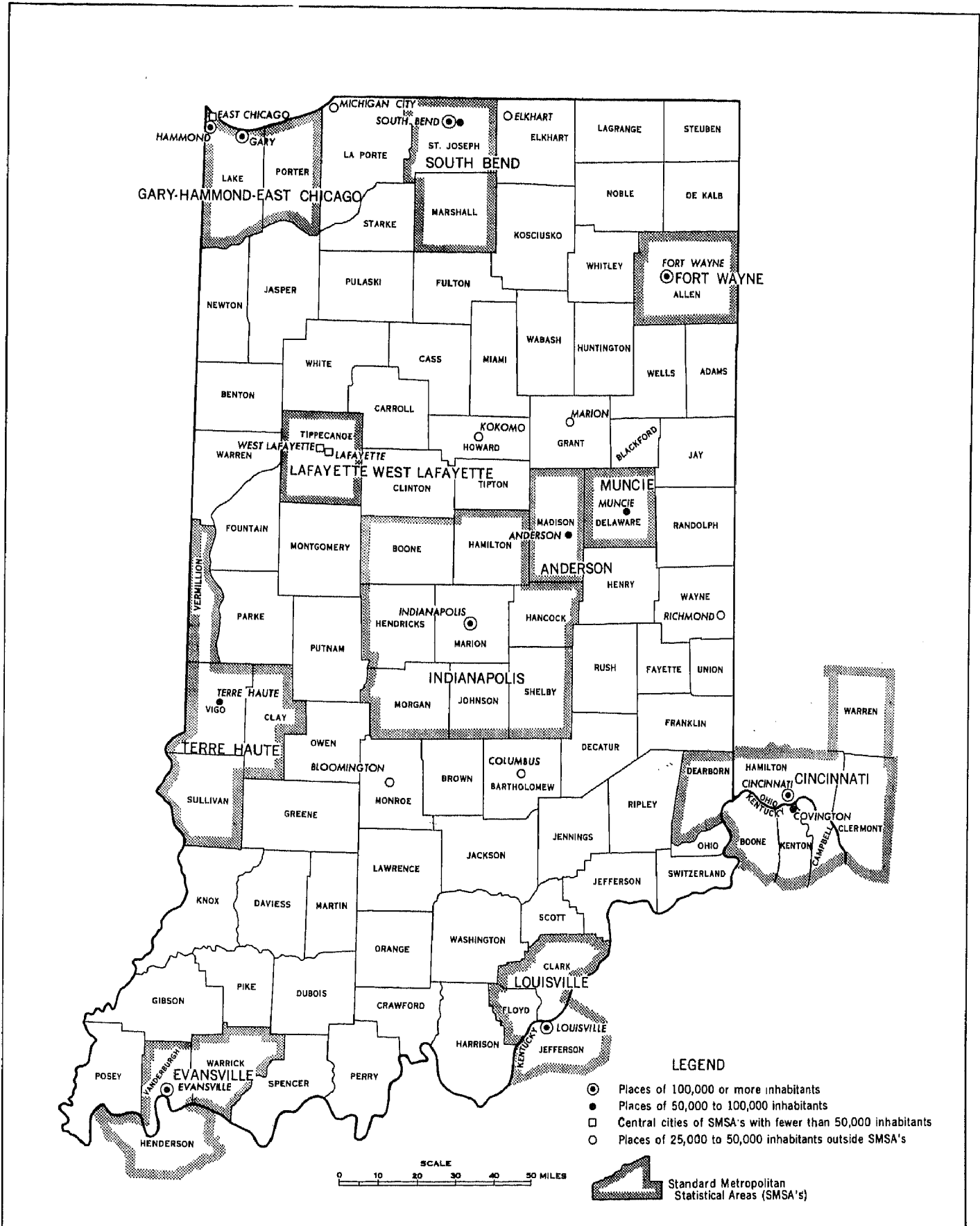


Table A-1. Value of Owner Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	58 239	2 393	7 027	10 233	10 040	7 231	9 836	5 006	4 010	1 750	713	12 400
ROOMS												
1 and 2 rooms	135	55	10	35	19	5	11	-	-	-	-	7 700
3 rooms	929	204	315	200	108	39	47	11	-	5	-	7 100
4 rooms	10 901	664	2 227	2 947	2 597	1 053	998	293	91	31	-	9 700
5 rooms	18 876	772	2 088	3 347	3 356	2 985	3 962	1 644	595	111	16	12 400
6 rooms	15 099	413	1 399	2 320	2 547	2 089	2 952	1 560	1 365	381	73	13 500
7 rooms	7 178	180	562	920	918	664	1 285	966	1 128	419	136	16 300
8 rooms or more	5 121	105	426	464	495	396	581	532	831	803	488	20 900
Median	5.4	4.9	5.0	5.1	5.2	5.3	5.5	5.9	6.5	7.3	7.5+	...
PERSONS												
1 person	7 074	685	1 636	1 810	1 138	589	685	290	125	73	43	9 200
2 persons	17 606	830	2 347	3 520	3 321	2 150	2 603	1 271	1 009	396	159	11 600
3 persons	10 010	303	1 112	1 760	1 748	1 441	1 829	815	591	311	100	12 600
4 persons	10 081	222	760	1 314	1 640	1 414	2 113	1 204	913	346	155	14 500
5 persons	6 809	153	504	924	1 047	877	1 410	791	724	291	88	14 700
6 persons or more	6 659	200	668	905	1 146	760	1 196	635	648	333	168	13 900
Median	2.9	2.1	2.3	2.4	2.8	3.1	3.4	3.6	3.8	3.8	3.9	...
Units with roomers, boarders, or lodgers	751	59	142	150	150	93	95	43	10	9	-	10 400
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	57 359	2 078	6 810	10 142	9 949	7 169	9 788	4 980	3 994	1 741	708	12 400
0.50 or less	29 233	1 266	4 135	5 810	5 090	3 293	4 185	2 181	1 834	995	444	11 700
0.51 to 1.00	24 362	615	2 150	3 559	4 122	3 400	5 001	2 586	1 987	683	259	13 800
1.01 to 1.50	3 309	136	438	681	641	421	438	566	203	159	42	11 600
1.51 or more	455	61	87	92	96	38	36	10	14	21	-	9 700
Lacking some or all plumbing facilities	880	315	217	91	91	62	48	26	16	9	5	8 400
0.50 or less	580	215	162	55	36	45	31	15	11	5	5	6 200
0.51 to 1.00	251	91	31	36	42	17	14	11	5	4	-	7 700
1.01 to 1.50	31	4	19	-	8	-	-	-	-	-	-	...
1.51 or more	18	5	5	-	5	-	3	-	-	-	-	...
BEDROOMS												
None and 1	2 050	255	800	405	295	145	84	66	-	-	-	7 400
2	21 206	1 550	3 854	5 762	4 545	1 906	2 167	943	339	101	39	9 800
3	26 198	443	1 968	3 515	4 091	4 329	5 876	2 801	2 143	772	260	14 300
4 or more	9 023	150	696	974	1 154	1 297	1 364	884	1 255	794	453	15 700
YEAR STRUCTURE BUILT												
1969 to March 1970	621	4	-	5	25	16	83	119	168	132	69	28 500
1965 to 1968	2 865	11	4	49	70	169	395	608	977	445	137	26 300
1960 to 1964	4 468	14	53	86	207	306	1 297	1 051	931	356	167	21 300
1950 to 1959	14 878	167	602	1 580	2 374	2 429	3 921	1 998	1 247	418	142	15 300
1940 to 1949	10 174	333	1 149	2 022	2 200	1 696	1 704	547	304	154	65	11 800
1939 or earlier	25 233	1 864	5 219	6 491	5 164	2 615	2 436	683	383	245	133	9 600
COMPLETE BATHROOMS												
1 and 1 1/2	50 392	1 914	6 518	9 719	9 622	6 739	8 990	3 962	2 326	552	50	11 800
2 and 2 1/2	6 018	44	117	215	322	287	837	1 069	1 671	1 061	395	25 700
3 or more	511	-	-	-	-	-	12	21	95	156	227	47 300
None or also used by another household	1 247	407	288	173	141	109	59	32	25	7	6	6 900
HOUSEHOLD COMPOSITION												
Two-or-more-person households	51 165	1 708	5 391	8 423	8 902	6 642	9 151	4 716	3 885	1 677	670	12 900
Male head, wife present, no nonrelatives	45 838	1 286	4 409	7 351	7 904	6 073	8 429	4 473	3 678	1 600	635	13 300
Under 25 years	1 444	65	222	304	387	195	202	43	26	-	-	10 800
25 to 34 years	7 480	149	428	1 108	1 214	1 225	1 655	896	543	206	56	14 200
35 to 44 years	10 534	153	623	1 173	1 608	1 339	2 335	1 384	1 262	521	136	15 800
45 to 64 years	20 186	568	2 133	3 183	3 515	2 755	3 487	1 797	1 615	748	385	13 100
65 years and over	6 194	351	1 003	1 583	1 800	559	750	353	232	125	58	10 300
Other male head	1 285	116	190	266	221	143	184	64	41	35	25	10 800
Under 65 years	926	70	134	176	178	110	147	33	31	21	16	11 200
65 years and over	359	46	56	90	43	33	37	31	10	14	9	9 700
Female head	4 042	306	792	806	777	426	538	179	166	42	10	10 400
Under 65 years	2 945	196	527	594	560	339	425	139	130	31	4	10 700
65 years and over	1 097	110	265	212	217	87	113	40	36	11	6	9 500
One-person households	7 074	685	1 636	1 810	1 138	589	685	290	125	73	43	9 200
Under 65 years	2 883	208	689	699	469	241	312	159	39	48	19	9 400
65 years and over	4 191	477	947	1 111	669	348	373	131	86	25	24	9 000
INCOME IN 1969												
Less than \$2,000	4 018	541	985	1 030	610	327	314	120	42	23	26	8 700
\$2,000 to \$2,999	2 607	228	678	657	417	205	308	60	34	20	-	9 000
\$3,000 to \$3,999	2 429	239	495	609	470	231	228	101	47	9	-	9 500
\$4,000 to \$4,999	2 015	161	378	607	394	150	219	58	29	9	-	9 400
\$5,000 to \$5,999	2 486	204	494	604	535	228	241	99	54	19	8	9 800
\$6,000 to \$6,999	2 717	165	516	680	549	280	323	118	46	30	10	10 000
\$7,000 to \$9,999	11 885	414	1 543	2 523	2 494	1 858	1 936	676	362	49	30	11 500
\$10,000 to \$14,999	18 348	316	1 471	2 594	3 266	2 787	4 104	2 008	1 317	420	65	13 900
\$15,000 to \$24,999	9 374	109	432	863	1 190	1 065	1 933	1 476	1 528	617	161	17 500
\$25,000 or more	2 360	16	35	66	115	100	230	290	551	554	403	31 000
Median	\$10 300	\$5 100	\$6 900	\$8 100	\$9 500	\$10 600	\$11 600	\$13 200	\$15 500	\$19 800	\$29 100	...
YEAR MOVED INTO UNIT												
1969 to March 1970	4 625	123	333	558	745	563	887	488	577	255	96	15 000
1968	4 158	163	331	567	571	442	752	412	551	264	105	15 000
1967	3 101	125	301	461	458	384	540	316	278	189	49	13 800
1965 and 1966	5 797	131	590	801	915	697	1 022	727	646	202	66	14 200
1960 to 1964	9 934	266	838	1 563	1 469	1 045	2 035	1 180	1 006	367	145	14 500
1950 to 1959	16 675	584	1 674	2 698	3 264	2 357	3 270	1 487	805	375	161	12 600
1949 or earlier	13 878	973	2 856	3 459	2 663	1 647	1 372	474	254	124	56	9 700
HEATING EQUIPMENT												
Steam or hot water	3 650	57	176	409	457	266	609	530	611	319	216	18 700
Warm-air furnace	46 745	1 450	5 272	8 055	8 396	6 274	8 445	4 086	3 045	1 278	444	12 600
Built-in electric units	1 824	21	59	293	230	197	323	255	287	111	48	17 000
Floor, wall, or pipeless furnace	1 325	129	248	394	253	93	131	109	30	13	5	9 300
Other means	4 681	726	1 272	1 078	704	401	328	29	27	29	-	8 300
None	14	10	-	4	-	-	-	-	-	-	-	...
AIR CONDITIONING												
Room unit(s)	13 696	264	1 098	2 332	2 521	2 267	2 670	1 275	801	319	149	13 200
Central system	4 594	-	65	157	303	387	784	861	1 037	662	338	23 500
None	39 878	2 101	5 760	7 618	7 261	4 481						

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	18 677	828	645	1 182	1 356	3 595	3 586	3 393	2 236	648	81	1 127	107
ROOMS													
1 room	579	160	106	82	27	42	105	27	6	5	-	19	62
2 rooms	1 041	165	96	243	80	187	139	67	30	-	-	34	70
3 rooms	3 872	297	202	437	577	1 059	597	307	312	32	-	52	86
4 rooms	5 409	108	126	231	363	1 203	1 294	1 075	544	212	9	244	109
5 rooms	3 960	65	73	116	157	714	748	967	698	160	25	237	120
6 rooms	2 327	29	37	54	120	288	418	570	358	163	31	259	125
7 rooms	918	-	-	5	26	62	218	268	144	49	10	136	129
8 rooms or more	571	4	5	14	6	40	67	112	144	27	6	146	140
Median	4.2	2.8	3.1	3.1	3.5	3.9	4.2	4.7	4.8	5.0	...	5.4	...
PERSONS													
1 person	5 549	618	427	656	617	1 204	761	498	357	68	5	338	84
2 persons	5 160	127	90	278	364	1 053	1 047	902	681	332	43	343	109
3 persons	3 190	32	43	105	170	651	730	774	397	122	11	155	114
4 persons	2 206	21	36	69	106	313	496	528	417	123	16	81	121
5 persons	1 294	15	9	49	63	194	275	333	177	72	6	101	119
6 persons or more	1 278	15	40	25	36	180	277	358	207	31	-	109	121
Median	2.2	1.2	1.3	1.4	1.7	2.1	2.5	2.9	2.7	2.7	...	2.2	...
Units with roomers, boarders, or lodgers	647	24	12	41	50	149	111	116	71	30	11	32	106
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	17 867	617	508	991	1 312	3 504	3 558	3 363	2 224	643	81	1 066	108
0.50 or less	9 087	425	311	620	777	1 845	1 585	1 431	1 000	332	60	701	103
0.51 to 1.00	7 763	187	146	330	497	1 447	1 697	1 683	1 125	301	21	329	113
1.01 to 1.50	862	-	41	37	34	175	225	230	82	10	-	28	112
1.51 or more	155	5	10	4	4	37	51	19	17	-	-	8	105
Lacking some or all plumbing facilities	810	211	137	191	44	91	28	30	12	5	-	35	61
0.50 or less	418	114	64	99	29	69	-	8	-	-	-	61	61
0.51 to 1.00	325	79	73	81	15	11	23	11	7	5	-	20	60
1.01 to 1.50	47	8	-	11	-	11	-	11	-	-	-	6	...
1.51 or more	20	10	-	-	-	-	5	-	5	-	-	-	...
BEDROOMS													
None	787	143	108	120	86	86	115	65	24	-	-	40	70
1	5 406	394	368	538	864	1 549	748	369	487	-	-	89	85
2	7 576	104	140	306	586	1 562	1 610	1 446	969	392	-	461	111
3 or more	4 907	110	63	117	175	450	951	976	997	303	78	687	128
YEAR STRUCTURE BUILT													
1969 to March 1970	947	65	6	29	4	10	97	191	420	100	5	20	157
1965 to 1968	1 347	29	22	15	5	28	273	375	366	180	25	29	143
1960 to 1964	1 164	167	49	36	56	156	241	120	210	88	17	24	109
1950 to 1959	2 114	30	27	71	108	302	432	524	348	93	-	179	120
1940 to 1949	2 890	57	53	129	169	697	719	626	267	42	-	131	108
1939 or earlier	10 215	480	488	902	1 014	2 402	1 824	1 557	625	145	34	744	94
ELEVATOR IN STRUCTURE													
4 floors or more	542	126	90	69	41	66	53	24	54	19	-	-	68
With elevator	391	126	42	49	18	42	34	24	35	19	-	-	...
Walk-up	151	-	48	20	23	24	17	-	19	-	-	-	...
1 to 3 floors	18 134	625	589	1 012	1 670	3 581	3 371	2 832	2 423	676	78	1 277	106
COMPLETE BATHROOMS													
1 and 1 1/2	16 996	581	493	988	1 164	3 350	3 460	3 445	2 031	519	49	916	108
2 or more	543	8	-	6	13	36	47	67	91	134	37	102	174
None or also used by another household	1 141	270	147	201	67	188	105	55	22	7	-	79	66
INCOME IN 1969													
Less than \$2,000	2 592	400	226	239	253	491	339	219	133	27	16	249	82
\$2,000 to \$2,999	1 535	185	107	208	142	328	203	127	108	24	5	98	84
\$3,000 to \$3,999	1 402	55	76	139	146	333	286	192	64	25	6	80	94
\$4,000 to \$4,999	1 374	75	39	97	136	310	291	247	69	28	-	82	99
\$5,000 to \$5,999	1 503	24	44	112	129	334	321	348	80	32	-	79	104
\$6,000 to \$6,999	1 576	50	36	54	97	345	452	289	156	37	4	56	108
\$7,000 to \$9,999	4 224	24	68	205	318	889	908	976	559	65	4	208	111
\$10,000 to \$14,999	3 139	9	49	96	130	458	588	774	682	159	5	189	126
\$15,000 to \$24,999	1 093	6	-	25	5	101	182	185	322	171	15	81	150
\$25,000 or more	239	-	-	7	-	6	16	36	63	80	26	5	191
Median	\$6 600	\$2 100	\$2 900	\$4 100	\$5 000	\$6 000	\$6 800	\$7 800	\$9 700	\$12 700	...	\$5 700	...
YEAR MOVED INTO UNIT													
1969 to March 1970	8 776	223	225	406	417	1 622	1 724	1 993	1 450	462	26	228	116
1968	2 768	72	45	150	269	369	618	573	399	79	26	168	113
1967	1 619	109	73	127	69	363	425	243	116	36	-	58	102
1965 and 1966	1 873	128	113	149	190	412	359	315	62	48	29	68	94
1960 to 1964	1 927	169	61	216	181	448	319	256	79	13	-	185	93
1950 to 1959	1 136	98	73	113	78	155	155	142	38	24	5	132	88
1949 or earlier	581	60	50	34	40	82	12	45	-	-	-	258	74
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 622	132	108	262	193	388	270	121	94	49	5	...	86
10 to 14 percent	3 367	97	107	195	326	914	668	597	333	109	21	...	101
15 to 19 percent	3 619	79	74	154	229	689	859	867	545	111	10	...	114
20 to 24 percent	2 311	98	54	120	103	340	530	538	422	101	5	...	117
25 to 34 percent	2 550	149	120	154	175	418	483	575	385	91	-	...	111
35 percent or more	3 780	240	168	239	292	799	725	664	436	182	35	...	104
Not computed	1 428	33	14	58	38	47	51	29	21	5	5	1 127	83
AIR CONDITIONING													
Room unit(s)	2 909	42	37	183	147	448	593	790	385	128	12	144	118
Central system	1 461	21	16	-	-	40	99	130	732	300	43	80	176
None	14 310	796	587	1 012	1 097	3 086	2 920	2 647	1 027	234	31	873	101

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 to	\$3,000 to	\$4,000 to	\$5,000 to	\$6,000 to	\$7,000 to	\$10,000 to	\$15,000 to	\$25,000 or more	Median (dollars)
		\$2,000	\$2,999	\$3,999	\$4,999	\$5,999	\$6,999	\$9,999	\$14,999	\$24,999		
Owner occupied housing units	67 009	5 063	3 191	2 948	2 635	2 957	3 359	13 669	20 159	10 336	2 692	9 900
ROOMS												
1 and 2 rooms	266	72	26	27	25	18	7	64	21	-	6	4 300
3 rooms	1 520	306	191	140	80	132	112	306	174	67	12	5 300
4 rooms	13 009	1 338	857	832	764	819	961	3 173	3 203	919	143	7 900
5 rooms	21 262	1 648	1 049	925	847	987	1 134	4 671	6 923	2 764	314	9 600
6 rooms	16 640	903	577	625	484	613	709	3 315	5 514	3 235	665	11 000
7 rooms or more	14 312	796	491	399	435	388	436	2 140	4 324	3 351	1 552	12 400
PERSONS												
1 person	8 757	3 391	1 425	958	671	564	432	800	352	118	46	2 700
2 persons	20 782	1 083	1 328	1 479	1 337	1 353	1 431	4 666	5 173	2 275	657	6 500
3 and 4 persons	22 570	333	313	344	460	698	976	4 970	8 712	4 656	1 108	11 800
5 persons	7 432	119	49	103	84	161	250	1 708	3 037	1 568	353	12 000
6 persons or more	7 468	137	76	64	83	181	270	1 525	2 885	1 719	528	12 400
Units with roomers, boarders, or lodgers	957	193	128	67	73	104	53	172	122	38	7	5 200
BEDROOMS												
Less than 3	27 349	3 033	2 117	1 907	1 844	1 984	2 143	5 866	6 127	2 016	312	7 300
3	29 419	1 304	941	905	655	1 079	1 112	6 285	10 171	5 496	1 471	11 200
4 or more	10 243	450	245	175	354	151	248	1 631	3 525	2 659	805	12 600
YEAR STRUCTURE BUILT												
1969 to March 1970	902	33	21	4	19	29	33	148	342	187	86	12 400
1960 to 1968	8 625	189	152	208	142	172	216	1 508	3 127	2 257	654	12 800
1950 to 1959	15 733	635	472	415	375	491	673	3 322	5 698	2 835	817	11 300
1949 or earlier	41 749	4 206	2 546	2 321	2 099	2 265	2 437	8 691	10 992	5 057	1 135	8 700
YEAR MOVED INTO UNIT												
1969 to March 1970	5 729	304	152	149	150	265	348	1 346	1 905	837	273	10 400
1968	4 822	230	92	138	128	183	155	1 214	1 806	655	221	10 800
1960 to 1967	21 127	864	594	722	569	645	1 000	4 790	7 224	3 765	1 084	11 000
1959 or earlier	35 332	3 718	2 324	2 065	1 715	1 774	1 849	6 248	9 319	5 139	1 181	9 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	46 426	2 219	1 422	1 436	1 396	1 783	2 028	9 763	15 775	8 178	2 426	11 000
Clothes dryer	44 781	1 579	1 020	1 131	1 187	1 536	2 081	9 656	15 985	8 315	2 291	11 300
Dishwasher	10 070	219	20	94	102	100	188	1 065	3 419	3 298	1 565	14 700
Home food freezer	25 878	1 093	611	889	873	912	1 377	5 109	8 893	4 775	1 346	11 200
Owned second home	3 220	126	161	94	168	124	205	506	6 564	4 532	1 713	12 100
With air conditioning	20 132	710	532	554	636	616	809	3 466	5 270	2 862	683	11 100
Room unit(s)	15 208	640	491	494	542	526	710	2 990	5 270	2 862	683	11 100
Central system	4 924	70	41	60	94	90	99	476	1 294	1 670	1 030	16 400
Automobiles available:												
1	33 318	2 212	1 881	2 023	1 851	2 085	2 353	8 783	8 990	2 586	554	8 500
2	23 079	282	211	246	280	414	709	3 882	9 580	5 917	1 558	12 900
3 or more	4 416	40	14	31	42	58	41	388	1 371	1 798	633	16 200
Renter occupied housing units	19 671	2 671	1 567	1 460	1 440	1 588	1 673	4 475	3 396	1 155	246	6 700
ROOMS												
1 room	579	188	83	64	68	34	20	82	26	8	6	3 300
2 rooms	1 046	300	136	86	115	109	99	125	72	4	-	4 000
3 rooms	3 907	758	529	391	397	368	343	612	393	81	35	4 700
4 rooms	5 504	646	376	455	461	461	603	1 281	897	272	52	6 600
5 rooms	4 129	372	233	237	187	283	270	1 291	860	339	57	8 100
6 rooms or more	4 506	407	210	227	212	333	338	1 084	1 148	451	96	8 500
PERSONS												
1 person	5 620	1 610	789	553	581	442	404	791	321	93	36	3 700
2 persons	5 338	553	391	431	390	474	432	1 113	1 065	352	137	7 000
3 and 4 persons	5 757	379	223	333	317	427	617	1 729	1 261	419	52	8 000
5 persons	1 449	62	82	79	68	105	105	348	348	159	6	8 400
6 persons or more	1 507	67	82	64	84	109	115	438	401	132	15	8 600
Units with roomers, boarders, or lodgers	651	166	115	63	74	35	42	82	42	26	6	3 700
BEDROOMS												
None	787	178	99	115	77	61	79	139	18	21	-	4 000
1	5 425	1 125	610	559	437	443	436	1 170	519	83	43	5 000
2	7 697	679	518	627	670	553	692	2 245	1 164	476	73	7 100
3 or more	5 760	457	339	278	381	301	426	1 400	1 430	632	116	8 500
YEAR STRUCTURE BUILT												
1969 to March 1970	955	99	98	43	53	79	55	201	203	99	25	7 800
1960 to 1968	2 556	289	217	217	202	158	215	447	433	256	122	6 900
1950 to 1959	2 152	188	134	115	160	135	169	646	455	141	9	7 800
1949 or earlier	14 008	2 095	1 118	1 085	1 025	1 216	1 234	3 181	2 305	659	90	6 400
YEAR MOVED INTO UNIT												
1969 to March 1970	9 010	1 081	727	704	679	843	868	2 037	1 450	488	133	6 500
1968	2 916	322	174	162	205	221	252	674	687	203	16	7 500
1960 to 1967	5 759	893	439	437	332	440	448	1 241	1 097	340	92	6 800
1959 or earlier	1 985	428	237	148	160	167	106	358	225	133	23	5 100
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	18 677	2 592	1 535	1 402	1 374	1 503	1 576	4 224	3 139	1 693	239	6 400
Less than 15 percent	4 989	-	10	31	93	138	234	1 476	1 896	877	234	11 400
15 to 19 percent	3 619	-	55	92	187	363	457	1 548	792	125	-	8 300
20 to 24 percent	2 311	25	116	167	265	323	507	217	10	-	-	6 500
25 to 34 percent	2 550	146	331	489	485	505	261	293	40	-	-	4 600
35 percent or more	3 780	1 871	925	543	262	95	61	18	5	-	-	2 000
Not computed	1 428	550	98	80	82	79	56	208	189	81	5	3 800
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	6 975	463	327	354	348	307	451	2 136	1 715	779	95	8 700
Clothes dryer	6 106	358	141	398	292	268	367	1 883	1 587	740	72	9 000
Dishwasher	1 931	143	58	141	103	58	61	324	582	339	122	10 700
Home food freezer	2 121	130	119	127	59	117	167	545	546	287	44	8 900
Owned second home	489	65	88	-	66	-	20	48	107	51	44	7 300
With air conditioning	4 465	332	279	215	236	300	364	926	1 068	580	165	8 600
Room unit(s)	2 990	230	211	190	243	234	243	675	692	332	35	8 100
Central system	1 475	102	68	67	46	66	121	251	376	248	130	10 200
Automobiles available:												
1	11 314	928	716	872	777	1 133	1 147	3 119	1 961	524	137	7 100
2	3 486	142	88	97	105	136	244	848	1 172	560	94	10 400
3 or more	450	61	25	33	13	36	20	47	125	65	25	9 400

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	67 009	65 753	34 213	27 358	3 672	510	1 256	829	355	54	18
PERSONS											
1 person	8 757	8 288	8 271	17	--	--	469	465	4	--	--
2 persons	20 782	20 367	19 657	704	--	4	415	313	102	--	--
3 persons	11 415	11 281	4 996	6 285	--	--	134	51	77	6	--
4 persons	11 155	11 073	947	10 055	53	18	82	--	82	--	--
5 persons	7 432	7 362	342	6 321	620	79	70	--	61	9	--
6 persons or more	7 468	7 382	--	3 974	2 999	409	86	--	29	39	18
Median	2.8	2.9	1.9	4.2	6.3	7.5+	1.9	1.4	3.4	...	...
Units with roomers, boarders, or lodgers	957	937	478	354	90	15	20	16	4	--	--
YEAR STRUCTURE BUILT											
1969 to March 1970	881	867	390	452	18	7	14	--	14	--	--
1965 to 1968	3 613	3 600	1 428	2 043	109	20	13	--	6	7	--
1960 to 1964	5 013	4 993	1 801	2 895	278	19	20	13	--	--	7
1950 to 1959	15 748	15 587	6 499	7 716	1 258	114	161	63	71	21	6
1940 to 1949	11 153	10 977	5 548	4 655	652	122	176	105	42	29	--
1939 or earlier	30 602	29 695	18 578	9 659	1 228	230	907	671	231	5	--
INCOME IN 1969											
Less than \$2,000	5 063	4 694	4 149	440	102	3	369	343	26	--	--
\$2,000 to \$2,999	3 191	3 047	2 652	345	44	6	144	109	30	5	--
\$3,000 to \$3,999	2 948	2 842	2 379	408	45	10	106	74	22	10	--
\$4,000 to \$4,999	2 635	2 560	2 058	400	75	27	75	60	10	--	5
\$5,000 to \$5,999	2 957	2 878	2 002	724	127	25	79	59	20	--	--
\$6,000 to \$6,999	3 359	3 244	1 991	1 039	163	51	115	58	52	--	5
\$7,000 to \$9,999	13 669	13 530	6 304	6 082	1 025	119	139	57	64	13	5
\$10,000 to \$14,999	20 159	20 026	7 416	11 033	1 385	192	133	47	60	26	--
\$15,000 to \$24,999	10 336	10 261	3 905	5 694	594	66	75	22	50	--	3
\$25,000 or more	2 692	2 671	1 357	1 191	112	11	21	--	21	--	--
Median	\$9 900	\$10 000	\$7 900	\$11 900	\$10 900	\$10 400	\$4 100	\$2 700	\$7 800	...	...
VALUE-INCOME RATIO Specified owner occupied ¹	58 239	57 359	29 233	24 362	3 309	455	880	580	251	31	18
Less than 1.5	31 333	30 929	12 979	15 331	2 301	318	404	184	185	22	13
1.5 to 1.9	9 852	9 759	4 450	4 713	519	77	93	59	30	4	--
2.0 to 2.4	5 279	5 215	2 917	2 051	222	25	64	48	11	5	--
2.5 to 2.9	2 906	2 877	1 861	900	102	14	29	19	5	--	5
3.0 to 3.9	3 049	2 964	2 124	748	74	18	85	77	8	--	--
4.0 or more	5 399	5 213	4 583	562	68	--	186	178	8	--	--
Not computed	421	402	319	57	23	3	19	15	4	--	--
HEATING EQUIPMENT											
Steam or hot water	4 488	4 446	2 561	1 672	191	22	42	23	15	4	--
Warm-air furnace	52 936	52 324	27 074	22 201	2 713	336	612	413	177	17	5
Built-in electric units	2 268	2 244	1 165	986	87	6	24	14	5	5	--
Floor, wall, or pipeless furnace	1 555	1 527	775	608	122	22	28	22	6	--	--
Other means	5 732	5 186	2 625	1 885	554	124	544	351	152	28	13
None	30	24	13	6	5	--	6	6	--	--	--
Renter occupied housing units	19 671	18 800	9 469	8 245	920	166	871	448	352	47	24
PERSONS											
1 person	5 620	5 103	4 741	362	--	--	517	355	162	--	--
2 persons	5 338	5 189	3 777	1 380	--	32	149	78	65	--	6
3 persons	3 359	3 299	746	2 543	4	6	60	4	56	--	--
4 persons	2 398	2 348	169	2 104	69	6	50	5	32	13	--
5 persons	1 449	1 414	36	1 126	227	25	35	6	25	--	4
6 persons or more	1 507	1 447	--	730	620	97	60	--	12	34	14
Median	2.3	2.3	1.5	3.4	6.0	7.1	1.3	1.1	1.7	...	...
Units with roomers, boarders, or lodgers	651	608	205	337	46	20	43	7	32	--	4
YEAR STRUCTURE BUILT											
1969 to March 1970	951	951	584	355	7	5	--	--	--	--	--
1965 to 1968	1 420	1 413	734	660	19	--	7	--	7	--	--
1960 to 1964	1 107	1 101	517	514	55	15	6	--	--	--	--
1950 to 1959	2 181	2 153	877	1 118	144	14	28	23	5	--	--
1940 to 1949	2 981	2 852	1 230	1 428	171	23	129	17	76	24	12
1939 or earlier	11 030	10 306	5 413	4 275	519	99	724	433	265	11	15
INCOME IN 1969											
Less than \$2,000	2 671	2 443	1 731	631	52	29	228	156	61	11	--
\$2,000 to \$2,999	1 567	1 402	883	436	83	--	165	78	73	5	9
\$3,000 to \$3,999	1 460	1 384	818	526	30	10	76	31	45	--	--
\$4,000 to \$4,999	1 440	1 355	767	519	52	17	85	41	44	--	--
\$5,000 to \$5,999	1 588	1 522	726	690	102	4	66	36	17	9	--
\$6,000 to \$6,999	1 673	1 633	735	779	104	15	40	29	11	--	6
\$7,000 to \$9,999	4 475	4 336	1 746	2 303	240	47	139	58	65	10	5
\$10,000 to \$14,999	3 396	3 340	1 404	1 721	180	35	56	15	30	6	--
\$15,000 to \$24,999	1 155	1 139	483	576	77	3	16	4	6	6	--
\$25,000 or more	246	246	176	64	--	6	--	--	--	--	--
Median	\$6 700	\$6 800	\$5 700	\$7 700	\$7 500	\$7 500	\$3 600	\$2 900	\$3 900	...	...
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied ²	18 677	17 867	9 087	7 763	862	155	810	418	325	47	20
Less than 10 percent	1 622	1 512	721	693	83	15	110	47	48	9	6
10 to 14 percent	3 367	3 226	1 395	1 574	207	50	141	73	63	5	--
15 to 19 percent	3 619	3 528	1 583	1 744	181	20	91	46	36	--	9
20 to 24 percent	2 311	2 254	1 001	1 115	113	25	57	7	40	10	--
25 to 34 percent	2 550	2 422	1 297	1 004	112	9	128	78	44	6	5
35 percent or more	3 780	3 589	2 208	1 232	134	15	191	106	69	11	--
Not computed	1 428	1 336	882	401	32	21	92	61	25	6	--
HEATING EQUIPMENT											
Steam or hot water	2 481	2 279	1 421	776	65	17	202	55	142	5	--
Warm-air furnace	12 528	12 154	5 839	5 663	548	104	374	253	101	11	9
Built-in electric units	1 302	1 288	719	549	17	3	14	4	5	--	5
Floor, wall, or pipeless furnace	677	655	315	272	56	12	22	10	6	--	6
Other means	2 644	2 385	1 169	964	228	24	259	126	98	31	4
None	39	39	6	21	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	67 009	30	236	1 520	13 009	21 262	16 640	8 270	6 042	5.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	65 168	27	161	1 305	12 265	20 559	16 637	8 152	6 062	5.4
PERSONS										
1 person	8 757	21	112	539	2 655	2 727	1 515	724	464	4.9
2 persons	20 782	4	94	714	5 615	7 043	4 445	1 772	1 095	5.1
3 persons	11 415	—	6	108	2 318	3 936	2 974	1 269	804	5.3
4 persons	11 155	—	18	53	1 438	3 673	3 332	1 694	947	5.6
5 persons	7 432	5	6	68	629	2 207	2 194	1 354	969	5.9
6 persons or more	7 468	—	—	38	354	1 676	2 180	1 457	1 763	6.3
Median	2.8	...	1.6	1.8	2.2	2.7	3.3	3.7	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	65 753	26	165	1 376	12 689	20 910	16 464	8 139	5 984	5.4
0.50 or less	34 213	—	69	488	8 040	9 547	8 794	3 670	3 605	5.4
0.51 to 1.00	27 358	17	72	737	3 690	9 716	6 723	4 196	2 207	5.4
1.01 to 1.50	3 672	—	—	53	835	1 491	869	263	161	5.1
1.51 or more	510	9	24	98	124	156	78	10	11	4.5
Lacking some or all plumbing facilities	1 254	4	71	144	320	352	176	131	58	4.8
0.50 or less	829	—	43	51	230	223	140	95	47	4.9
0.51 to 1.00	355	4	22	85	66	100	31	36	11	4.5
1.01 to 1.50	54	—	6	—	14	29	—	—	—	...
1.51 or more	18	—	—	8	10	—	—	—	—	...
BEDROOMS										
None and 1	3 080	19	166	1 151	1 311	371	62	—	—	3.7
2	24 269	—	—	322	11 967	9 595	1 946	373	66	4.5
3	29 419	—	—	—	397	11 895	12 210	3 655	1 262	5.7
4 or more	10 243	—	—	—	—	133	1 802	3 875	4 433	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	902	4	—	31	171	215	184	104	193	5.7
1960 to 1968	8 625	4	44	108	958	2 582	1 955	1 559	1 415	5.8
1950 to 1959	15 733	5	47	278	3 550	6 179	3 844	1 327	503	5.1
1949 or earlier	41 749	17	145	1 103	8 330	12 286	10 657	5 280	3 931	5.4
COMPLETE BATHROOMS										
1 and 1 1/2	57 666	34	167	1 272	12 039	19 494	14 921	6 324	3 415	5.3
2 or more	7 609	—	—	48	240	1 085	1 750	1 828	2 658	6.9
None or also used by another household	1 735	6	79	189	493	479	202	171	116	4.7
VALUE-INCOME RATIO										
Specified owner occupied¹	58 239	17	118	929	10 901	18 876	15 099	7 178	5 121	5.4
Less than 1.5	31 333	9	78	461	6 349	10 129	8 393	3 578	2 336	5.4
1.5 to 1.9	9 852	—	10	154	1 426	3 402	2 613	1 288	959	5.5
2.0 to 2.9	8 185	4	12	97	1 148	2 629	2 053	1 179	1 063	5.6
3.0 or more	8 448	4	13	204	1 879	2 584	1 947	1 075	742	5.3
Not computed	421	—	5	13	99	132	93	58	21	5.2
Renter occupied housing units	19 671	579	1 046	3 907	5 504	4 129	2 520	1 171	815	4.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	18 186	262	895	3 636	5 300	3 814	2 384	1 127	768	4.3
PERSONS										
1 person	5 620	524	822	2 202	1 373	465	160	40	34	3.2
2 persons	5 338	38	206	1 239	1 964	1 133	489	191	78	4.1
3 persons	3 359	6	4	355	1 176	1 068	427	194	129	4.6
4 persons	2 398	—	—	82	624	705	610	197	174	5.2
5 persons	1 449	—	10	19	227	438	421	221	113	5.6
6 persons or more	1 507	5	4	10	140	320	413	328	287	6.2
Median	2.3	1.1	1.1	1.4	2.2	2.9	3.8	4.3	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	18 800	411	875	3 692	5 373	4 028	2 483	1 162	776	4.3
0.50 or less	9 469	—	662	2 078	3 257	1 545	1 060	421	446	4.1
0.51 to 1.00	8 245	362	195	1 524	1 754	2 179	1 245	703	283	4.6
1.01 to 1.50	920	—	4	69	341	264	161	34	47	4.7
1.51 or more	166	49	14	21	21	40	17	4	—	3.5
Lacking some or all plumbing facilities	871	168	171	215	131	101	37	9	39	2.9
0.50 or less	448	—	160	124	80	53	16	4	11	3.0
0.51 to 1.00	352	162	11	70	46	32	9	5	17	2.5
1.01 to 1.50	47	—	—	13	—	16	12	—	6	...
1.51 or more	24	6	—	8	5	—	—	—	5	...
BEDROOMS										
None	787	576	185	26	—	—	—	—	—	1.2
1	5 425	—	445	3 880	959	108	15	18	—	3.1
2	7 697	—	—	119	4 202	2 883	404	65	24	4.4
3 or more	5 760	—	—	—	40	1 549	2 348	1 179	644	6.0
YEAR STRUCTURE BUILT										
1969 to March 1970	955	3	73	246	372	197	54	5	5	3.9
1960 to 1968	2 556	104	90	476	941	611	222	72	40	4.1
1950 to 1959	2 152	38	56	253	727	606	345	79	48	4.5
1949 or earlier	14 008	434	827	2 932	3 464	2 715	1 899	1 015	722	4.3
COMPLETE BATHROOMS										
1 and 1 1/2	17 858	381	931	3 667	5 242	3 720	2 263	1 040	614	4.3
2 or more	581	8	6	—	91	100	130	87	159	6.2
None or also used by another household	1 231	204	252	231	244	166	49	26	59	3.2
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	18 677	579	1 041	3 872	5 409	3 960	2 327	918	571	4.2
Less than 10 percent	1 622	61	77	324	478	344	238	52	48	4.2
10 to 14 percent	3 367	94	153	609	983	843	443	181	61	4.3
15 to 19 percent	3 619	61	166	642	1 117	887	407	240	99	4.3
20 to 24 percent	2 311	64	78	487	673	541	337	74	57	4.3
25 to 34 percent	2 550	93	188	644	748	503	237	84	53	4.0
35 percent or more	3 780	159	323	1 007	1 096	573	397	130	95	3.9
Not computed	1 428	47	56	159	314	269	268	157	158	5.0

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-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	67 009	63 569	2 177	1 263	19 671	9 679	3 179	2 545	2 104	751	1 273	140
ROOMS												
1 room.....	30	22	8	-	579	42	26	45	94	93	279	-
2 rooms.....	236	140	32	64	1 046	135	152	363	188	72	124	12
3 rooms.....	1 520	1 075	248	197	3 907	582	913	1 248	509	255	361	39
4 rooms.....	13 009	11 562	703	744	5 504	2 334	1 100	582	862	220	332	74
5 rooms.....	21 262	20 320	739	203	4 129	2 708	625	215	324	85	157	15
6 rooms.....	16 640	16 352	246	42	2 520	2 046	264	71	103	21	15	-
7 rooms.....	8 270	8 184	79	7	1 171	1 066	72	4	24	-	5	-
8 rooms or more.....	6 042	5 914	122	6	815	766	27	17	-	5	-	-
Median.....	5.4	5.4	4.6	4.0	4.3	5.1	4.0	3.2	3.8	3.3	3.1	3.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	65 753	62 466	2 058	1 229	18 800	9 384	3 092	2 335	1 983	691	1 175	140
0.50 or less.....	34 213	32 244	1 333	636	9 469	3 992	1 762	1 387	1 113	368	753	94
0.51 to 1.00.....	27 358	26 225	614	519	8 245	4 695	1 149	820	844	317	393	27
1.01 to 1.50.....	3 672	3 521	95	56	920	605	157	95	18	6	20	19
1.51 or more.....	510	476	16	18	166	92	24	33	8	-	9	-
Lacking some or all plumbing facilities	1 256	1 103	119	34	871	295	87	210	121	60	98	-
0.50 or less.....	829	729	83	17	448	131	81	158	66	12	-	-
0.51 to 1.00.....	355	317	27	11	352	109	6	47	49	43	98	-
1.01 to 1.50.....	54	39	9	6	47	37	-	5	-	5	-	-
1.51 or more.....	18	18	-	-	24	18	-	-	6	-	-	-
BEDROOMS												
None.....	19	19	-	-	787	70	46	158	18	219	276	-
1.....	3 061	2 312	487	262	5 425	872	1 359	1 526	984	335	347	20
2.....	24 269	22 405	1 220	644	7 697	4 403	1 212	483	966	266	331	36
3.....	29 419	28 760	443	216	4 286	3 524	400	62	74	86	120	20
4 or more.....	10 243	10 071	149	23	1 474	1 388	21	26	39	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970.....	902	673	14	215	955	78	24	85	434	140	184	10
1965 to 1968.....	3 636	3 111	90	435	1 356	222	52	69	579	184	201	49
1960 to 1964.....	4 989	4 659	18	312	1 200	396	96	80	162	124	298	44
1950 to 1959.....	15 733	15 425	104	204	2 152	1 589	151	168	89	35	93	27
1940 to 1949.....	11 243	10 880	351	12	2 957	1 801	510	327	211	37	71	-
1939 or earlier.....	30 506	28 821	1 600	85	11 051	5 593	2 346	1 816	629	231	426	10
INCOME IN 1969												
Less than \$2,000.....	5 063	4 585	318	160	2 671	1 094	511	496	230	80	222	38
\$2,000 to \$2,999.....	3 191	2 931	176	84	1 567	533	263	310	213	104	136	8
\$3,000 to \$3,999.....	2 948	2 714	146	88	1 460	582	245	290	177	58	97	11
\$4,000 to \$4,999.....	2 635	2 329	211	95	1 440	529	261	275	182	82	96	15
\$5,000 to \$5,999.....	2 957	2 732	134	91	1 588	677	325	220	184	53	118	9
\$6,000 to \$6,999.....	3 359	3 083	166	110	1 673	788	283	205	236	85	67	17
\$7,000 to \$7,999.....	13 669	12 901	443	325	4 475	2 558	738	454	401	131	176	17
\$8,000 to \$8,999.....	20 159	19 507	408	244	3 396	2 059	479	247	333	66	186	26
\$9,000 to \$9,999.....	10 336	10 149	135	52	1 155	767	56	37	114	68	113	5
\$10,000 to \$14,999.....	2 692	2 638	40	14	246	92	18	11	34	24	62	5
\$15,000 to \$24,999.....	2 692	2 638	40	14	246	92	18	11	34	24	62	5
\$25,000 or more.....	2 692	2 638	40	14	246	92	18	11	34	24	62	5
Median.....	\$9 900	\$10 100	\$6 600	\$7 000	\$6 700	\$7 700	\$6 000	\$4 600	\$6 300	\$6 000	\$5 700	\$4 900
YEAR MOVED INTO UNIT												
1969 to March 1970.....	5 729	4 968	263	498	9 010	3 894	1 477	1 255	1 252	443	590	99
1968.....	4 822	4 433	173	216	2 916	1 502	473	295	287	115	218	26
1967.....	3 545	3 310	124	111	1 687	770	298	169	214	59	162	15
1965 and 1966.....	6 577	6 207	150	220	2 040	1 094	305	279	136	53	158	15
1960 to 1964.....	11 005	10 557	272	176	2 032	1 082	331	306	111	23	162	17
1950 to 1959.....	17 264	16 843	368	53	1 122	580	200	202	78	33	29	-
1949 or earlier.....	18 068	17 240	809	19	863	563	111	87	32	7	63	-
GROSS RENT												
Specified renter occupied¹	18 677	8 685	3 179	2 545	2 104	751	1 273	140				
Less than \$50.....	828	192	141	147	98	60	185	5				
\$50 to \$59.....	645	185	127	148	48	46	86	5				
\$60 to \$69.....	1 182	302	329	360	121	20	45	5				
\$70 to \$79.....	1 356	457	290	396	131	29	41	12				
\$80 to \$99.....	3 595	1 446	882	761	296	129	71	10				
\$100 to \$119.....	3 586	1 781	661	352	444	116	199	33				
\$120 to \$149.....	3 393	1 844	510	250	448	94	197	50				
\$150 to \$199.....	2 236	1 213	119	78	394	128	304	-				
\$200 to \$299.....	648	309	-	23	101	100	115	-				
\$300 or more.....	81	27	-	5	19	19	15	-				
No cash rent.....	1 127	929	105	30	18	10	15	-				
Median.....	\$107	\$115	\$94	\$84	\$116	\$115	\$120	\$114				
HEATING EQUIPMENT												
Steam or hot water.....	4 488	4 171	317	-	2 481	514	273	565	391	178	560	-
Warm-air furnace.....	52 936	50 323	1 619	994	12 528	6 679	2 319	1 598	1 065	375	406	86
Built-in electric units.....	2 268	2 197	52	19	1 302	236	35	110	490	158	273	-
Floor, wall, or pipeless furnace.....	1 555	1 476	34	45	677	402	121	73	38	17	16	10
Other means.....	5 732	5 378	155	199	2 644	1 809	431	199	120	23	18	44
None.....	30	24	-	6	39	39	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s).....	15 208	14 421	552	235	2 990	1 481	454	385	294	88	275	13
Central system.....	4 924	4 783	53	88	1 475	200	13	99	475	254	434	-
None.....	46 878	44 354	1 554	970	15 205	7 804	2 728	2 109	1 341	391	673	159
AUTOMOBILES AVAILABLE												
1.....	33 318	31 292	1 200	826	11 314	5 409	1 934	1 474	1 216	418	733	130
2.....	23 079	22 369	446	264	3 486	2 222	369	274	356	116	120	29
3 or more.....	4 416	4 304	84	28	450	344	21	15	41	5	24	-
None.....	6 197	5 593	429	175	4 420	1 510	871	830	497	194	505	13

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	67 009	1 798	8 289	11 601	22 949	7 429	1 123	425	3 324	1 314	3 596	3 161
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	65 753	1 794	8 231	11 521	22 693	7 246	1 047	399	3 264	1 270	3 490	4 798
0.50 or less	34 213	646	1 585	1 610	12 152	6 093	615	327	1 836	1 078	3 481	4 790
0.51 to 1.00	27 358	1 066	5 772	8 013	9 572	1 112	364	68	1 202	172	9	8
1.01 to 1.50	3 672	76	796	1 703	819	55	4	163	20	—	—	—
1.51 or more	510	6	78	195	150	5	13	63	—	—	—	—
Lacking some or all plumbing facilities	1 256	4	58	80	256	183	76	26	60	44	106	363
0.50 or less	829	—	5	9	112	112	57	15	15	39	102	363
0.51 to 1.00	355	4	49	39	130	71	11	11	31	5	4	—
1.01 to 1.50	54	—	4	22	14	—	—	—	14	—	—	—
1.51 or more	18	—	—	10	—	—	8	—	—	—	—	—
UNITS IN STRUCTURE												
1	63 569	1 496	7 915	11 323	22 264	7 001	1 032	400	3 093	1 218	3 186	4 641
2 or more	2 177	71	176	172	491	357	45	20	125	96	236	388
Mobile home or trailer	1 263	231	198	106	194	71	46	5	106	—	174	132
INCOME IN 1969												
Less than \$2,000	5 063	32	82	72	240	546	48	64	369	219	673	2 718
\$2,000 to \$2,999	3 191	27	48	49	194	893	33	31	265	226	408	1 017
\$3,000 to \$3,999	2 948	26	61	59	240	1 081	47	44	290	142	351	607
\$4,000 to \$4,999	2 635	67	57	100	330	842	58	62	335	113	392	279
\$5,000 to \$5,999	2 957	140	172	180	657	691	50	45	336	122	405	159
\$6,000 to \$6,999	3 359	230	383	324	909	621	113	40	259	48	314	118
\$7,000 to \$9,999	13 669	777	2 684	2 303	4 619	1 217	323	44	689	213	645	135
\$10,000 to \$14,999	20 159	450	3 594	5 236	8 664	857	280	71	522	133	278	74
\$15,000 to \$24,999	10 336	38	1 030	2 690	5 606	460	130	10	182	72	82	36
\$25,000 or more	2 692	11	178	588	1 490	221	41	14	77	26	28	18
Median	\$9 900	\$8 500	\$10 900	\$12 600	\$12 500	\$5 500	\$9 000	\$5 300	\$6 300	\$4 600	\$4 900	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied ¹	58 239	1 444	7 480	10 534	20 186	6 194	926	359	2 945	1 097	2 883	4 191
Less than 1.5	31 333	952	4 143	6 251	14 354	2 240	544	98	1 198	369	924	260
1.5 to 1.9	9 852	270	1 789	2 249	3 120	901	155	61	479	118	421	289
2.0 to 2.4	5 279	78	825	1 027	1 257	946	66	47	285	132	313	303
2.5 to 2.9	2 906	52	350	454	622	503	41	35	207	71	190	377
3.0 to 3.9	3 049	39	235	373	456	724	70	52	252	106	253	489
4.0 or more	5 399	37	138	176	354	852	50	51	427	296	665	2 353
Not computed	421	16	—	4	23	24	—	15	97	5	117	120
Renter occupied housing units	19 671	2 790	3 694	1 598	2 180	666	742	116	2 001	264	3 559	2 063
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	18 800	2 762	3 637	1 575	2 114	625	721	92	1 930	241	3 251	1 852
0.50 or less	9 469	896	946	238	955	477	282	55	716	169	3 052	1 689
0.51 to 1.00	8 245	1 762	2 395	1 046	1 050	148	395	31	990	66	199	163
1.01 to 1.50	920	93	237	262	81	—	35	—	206	6	—	—
1.51 or more	166	11	59	29	28	6	9	6	18	—	—	—
Lacking some or all plumbing facilities	871	28	57	23	66	41	21	24	71	23	308	209
0.50 or less	448	—	4	—	31	32	8	7	5	6	191	164
0.51 to 1.00	352	23	39	14	29	9	9	11	39	17	117	45
1.01 to 1.50	47	5	14	5	6	—	—	—	17	—	—	—
1.51 or more	24	—	—	4	—	—	4	6	10	—	—	—
UNITS IN STRUCTURE												
1	9 679	1 293	2 394	1 235	1 503	337	419	54	1 039	142	725	538
2 to 4	5 724	886	716	229	358	229	231	19	625	102	1 663	743
5 to 19	2 855	497	502	95	190	141	77	36	259	4	665	389
20 or more	1 273	108	51	33	124	36	5	7	60	16	452	381
Mobile home or trailer	140	6	31	6	5	—	10	—	18	—	54	10
GROSS RENT												
Specified renter occupied ²	18 677	2 698	3 417	1 399	1 967	617	714	111	1 946	259	3 524	2 025
Less than \$50	828	10	8	4	11	33	16	17	89	22	211	407
\$50 to \$59	645	15	45	13	41	41	15	6	72	5	212	215
\$60 to \$69	1 182	84	89	26	83	48	47	11	120	18	456	200
\$70 to \$79	1 356	133	133	64	111	39	60	13	167	19	398	219
\$80 to \$99	3 595	695	545	192	330	81	125	16	369	38	943	261
\$100 to \$119	3 586	757	773	277	295	97	103	10	486	27	513	248
\$120 to \$149	3 393	690	844	322	388	116	129	15	355	36	330	168
\$150 to \$199	2 236	268	692	316	263	48	102	—	168	22	268	89
\$200 to \$299	648	14	141	93	193	41	71	—	27	—	51	17
\$300 or more	81	—	5	—	39	10	16	—	6	—	—	5
No cash rent	1 127	32	142	92	213	98	30	23	87	72	142	196
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	18 677	2 698	3 417	1 399	1 967	617	714	111	1 946	259	3 524	2 025
Less than \$5,000	6 903	684	294	114	205	310	316	88	1 252	161	1 728	1 751
Less than 20 percent	468	20	—	—	12	7	15	11	80	11	165	147
20 to 24 percent	573	55	6	10	38	49	17	6	102	4	187	99
25 to 34 percent	1 451	208	69	39	38	48	8	4	245	37	429	326
35 percent or more	3 601	396	185	54	91	158	233	44	682	66	781	511
Not computed	810	5	34	11	26	40	43	23	143	43	166	268
\$5,000 to \$9,999	7 303	1 490	1 762	541	741	216	254	19	592	57	1 066	225
Less than 20 percent	4 216	875	959	302	452	152	152	19	229	33	993	115
20 to 24 percent	1 511	391	403	81	109	65	28	—	166	19	216	33
25 to 34 percent	1 059	186	294	119	56	149	31	—	149	—	149	61
35 percent or more	174	18	44	—	23	37	31	—	17	—	48	5
Not computed	343	20	62	39	101	37	9	—	7	—	280	30
\$10,000 to \$14,999	3 139	504	1 036	501	504	60	121	4	68	7	250	24
Less than 20 percent	2 688	492	897	396	420	102	102	—	—	—	13	4
20 to 24 percent	217	5	98	60	19	10	8	—	—	—	12	—
25 percent or more	45	—	5	7	11	10	—	—	—	—	5	—
Not computed	189	7	36	38	54	31	23	—	27	17	110	19
\$15,000 or more	1 332	20	325	243	517	31	23	—	27	10	100	19
Less than 20 percent	1 236	20	306	234	470	27	23	—	—	—	—	—
20 to 24 percent	10	—	—	5	5	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	86	—	19	4	42	4	—	—	—	7	10	—

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

Table 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	67 009	8 757	20 782	11 415	11 155	7 432	4 188	2 030	1 250	2.8
BEDROOMS										
None and 1	3 080	1 112	1 671	201	73	—	—	—	23	1.8
2	24 269	4 992	10 961	4 322	2 238	994	446	181	135	2.2
3	29 419	2 058	6 767	5 862	6 847	4 383	2 205	907	390	3.5
4 or more	10 243	597	1 188	1 125	1 973	2 183	1 211	1 127	839	4.6
YEAR STRUCTURE BUILT										
1969 to March 1970	902	51	201	197	193	133	95	16	16	3.5
1965 to 1968	3 636	116	725	665	931	718	242	157	82	3.8
1960 to 1964	4 989	296	920	915	1 248	836	451	204	119	3.8
1950 to 1959	15 733	1 210	4 442	2 883	3 395	1 979	1 177	410	237	3.3
1940 to 1949	11 243	1 250	3 676	2 065	1 941	1 236	625	282	168	2.8
1939 or earlier	30 506	5 834	10 818	4 690	3 447	2 530	1 598	961	628	2.4
UNITS IN STRUCTURE										
1	63 569	7 827	19 479	10 814	10 882	7 267	4 107	1 972	1 221	2.9
2 or more	2 177	624	865	316	117	118	62	51	24	2.0
Mobile home or trailer	1 263	306	438	285	156	47	19	7	5	2.2
COMPLETE BATHROOMS										
1 and 1 1/2	57 666	7 689	18 541	9 908	9 575	6 045	3 508	1 470	930	2.8
2 and 2 1/2	6 961	409	1 578	1 212	1 389	1 115	581	417	260	3.7
3 or more	648	29	127	101	128	63	107	56	37	4.0
None or also used by another household	1 735	593	612	204	108	88	71	44	15	1.9
HOUSEHOLD COMPOSITION										
Two-or-more-person households	58 252	...	20 782	11 415	11 155	7 432	4 188	2 030	1 250	3.2
Male head, wife present, no nonrelatives	52 066	...	17 425	10 217	10 373	7 023	3 976	1 887	1 165	3.3
Under 25 years	1 798	...	453	790	360	124	48	17	6	3.1
25 to 34 years	8 289	...	851	1 457	2 777	1 862	841	338	163	4.2
35 to 44 years	11 601	...	686	1 255	3 166	2 878	2 017	934	665	4.7
45 to 64 years	22 949	...	9 455	5 694	3 792	2 075	1 029	593	311	2.9
65 years and over	7 429	...	5 980	1 021	278	54	5	5	20	2.1
Other male head	1 548	...	894	292	166	74	50	48	24	2.4
Under 65 years	1 123	...	587	209	144	65	50	48	20	2.5
65 years and over	4 225	...	307	83	22	9	—	—	4	2.2
Female head	4 638	...	2 463	906	616	335	162	95	61	2.4
Under 65 years	3 324	...	1 439	745	533	305	156	85	61	2.8
65 years and over	1 314	...	1 024	161	83	30	6	10	—	2.1
One-person households	8 757	8 757	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	58 239	7 074	17 606	10 010	10 081	6 809	3 734	1 784	1 141	2.9
Less than 1.5	31 333	1 184	9 149	6 701	6 028	4 018	2 350	1 167	736	3.3
1.5 to 1.9	9 852	710	2 804	1 688	2 108	1 372	648	318	204	3.3
2.0 to 2.4	5 279	614	1 844	654	915	653	366	139	92	2.8
2.5 to 2.9	2 906	567	1 007	354	412	311	144	61	50	2.4
3.0 to 3.9	3 049	742	1 201	301	353	237	133	44	38	2.2
4.0 or more	5 399	3 018	1 509	312	235	194	74	45	10	1.4
Not computed	421	237	92	—	30	22	19	10	11	1.4
Renter occupied housing units	19 671	5 620	5 338	3 359	2 398	1 449	821	424	262	2.3
BEDROOMS										
None	787	726	43	—	—	—	—	18	—	1.0
1	5 425	3 396	1 609	320	79	—	—	21	—	1.3
2	7 697	1 147	2 863	1 857	1 090	556	134	24	26	2.4
3 or more	5 760	338	993	1 095	1 274	751	614	449	246	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	955	289	386	174	75	26	5	—	—	2.0
1965 to 1968	1 356	304	519	275	156	65	19	9	9	2.2
1960 to 1964	1 200	394	247	205	174	83	47	45	5	2.3
1950 to 1959	2 152	385	535	407	408	262	100	45	10	2.9
1940 to 1949	2 957	619	755	646	481	220	153	61	22	2.7
1939 or earlier	11 051	3 629	2 896	1 652	1 104	793	497	264	216	2.2
UNITS IN STRUCTURE										
1	9 679	1 263	2 346	1 938	1 762	1 151	679	310	230	3.1
2	3 179	1 123	947	544	268	149	68	68	12	2.0
3 and 4	2 545	1 283	719	308	95	49	42	29	20	1.5
5 to 9	2 104	725	753	368	187	49	5	17	—	1.9
10 to 19	751	329	249	109	44	20	—	—	—	1.7
20 or more	1 273	833	294	77	26	27	16	—	—	1.3
Mobile home or trailer	140	64	30	15	16	4	11	—	—	1.7
COMPLETE BATHROOMS										
1 and 1 1/2	17 858	4 998	4 843	3 130	2 127	1 443	753	347	217	2.3
2 or more	581	52	158	121	151	37	55	7	—	3.2
None or also used by another household	1 231	624	276	102	73	57	28	28	43	1.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	14 051	...	5 338	3 359	2 398	1 449	821	424	262	3.0
Male head, wife present, no nonrelatives	10 928	...	3 950	2 691	1 945	1 154	662	318	208	3.1
Under 25 years	2 790	...	1 277	1 023	353	85	28	19	5	2.6
25 to 34 years	3 694	...	917	897	930	580	257	57	56	3.5
35 to 44 years	1 598	...	184	276	325	318	230	156	109	4.5
45 to 64 years	2 180	...	970	448	332	165	141	86	38	2.8
65 years and over	666	...	602	47	5	6	6	—	—	2.1
Other male head	858	...	415	214	125	48	27	20	9	2.6
Under 65 years	742	...	317	202	119	48	27	20	9	2.8
65 years and over	116	...	98	12	6	—	—	—	—	2.1
Female head	2 265	...	973	454	328	247	132	86	45	2.9
Under 65 years	2 001	...	775	421	307	242	125	86	45	3.0
65 years and over	264	...	198	33	21	5	7	—	—	2.2
One-person households	5 620	5 620	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	18 677	5 549	5 160	3 190	2 206	1 294	723	344	207	2.2
Less than 10 percent	1 622	288	670	246	211	112	51	38	6	2.3
10 to 14 percent	3 367	739	882	727	471	238	179	89	42	2.6
15 to 19 percent	3 619	788	959	765	535	280	183	69	40	2.6
20 to 24 percent	2 311	552	647	417	322	211	74	48	40	2.4
25 to 34 percent	2 550	977	607	373	287	157	78	44	27	2.0
35 percent or more	3 780	1 703	977	472	294	177	87	38	32	1.7
Not computed	1 428	502	418	190	86	119	71	22	20	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	831	190	353	288	Vacant for rent	1 491	657	599	233
ROOMS					ROOMS				
1 to 3 rooms	30	5	21	4	1 room	43	29	11	3
4 rooms	139	16	35	88	2 rooms	178	81	73	24
5 rooms	237	59	117	61	3 rooms	471	249	159	63
6 rooms	230	74	107	49	4 rooms	381	125	169	87
7 rooms or more	195	36	73	86	5 rooms	208	99	97	12
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	795	187	337	271	With all plumbing facilities	1 355	602	533	220
Lacking some or all plumbing facilities	36	3	16	17	Lacking some or all plumbing facilities	136	55	66	15
BEDROOMS					BEDROOMS				
None and 1	46	-	46	-	None	97	62	35	-
2	126	14	14	98	1	654	344	158	152
3	400	139	200	61	2	500	209	188	103
4 or more	139	61	50	28	3 or more	243	73	95	75
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	73	23	24	26	1969 to March 1970	59	44	6	9
1960 to 1968	55	15	22	18	1960 to 1968	134	77	42	15
1950 to 1959	146	29	84	33	1950 to 1959	58	28	19	11
1949 or earlier	557	123	223	211	1949 or earlier	1 240	508	532	200
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	767	172	317	278	1	568	230	229	109
2 or more	64	18	36	10	2 to 4	562	233	243	86
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	47	14	15	18	5 to 9	203	114	61	28
Warm-air furnace	654	156	294	204	10 to 19	109	42	55	12
Built-in electric units	12	3	4	5	20 or more	49	38	11	-
Floor, wall, or pipeless furnace	5	-	5	-	RENT ASKED				
Other means	108	17	35	56	Specified vacant for rent²				
None	5	-	-	5	Less than \$50	1 482	648	599	235
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale¹					Specified vacant for rent²				
Less than \$5,000	95	10	44	41	Less than \$50	178	76	63	39
\$5,000 to \$9,999	279	51	91	137	\$50 to \$59	215	48	127	40
\$10,000 to \$14,999	163	52	75	36	\$60 to \$79	412	189	159	64
\$15,000 to \$19,999	74	17	44	13	\$80 to \$99	320	158	119	43
\$20,000 to \$24,999	34	3	23	8	\$100 to \$119	151	78	56	17
\$25,000 to \$34,999	37	16	21	-	\$120 to \$149	124	57	41	26
\$35,000 to \$49,999	33	7	8	18	\$150 to \$199	71	40	25	6
\$50,000 or more	13	-	-	13	\$200 or more	11	2	9	-
Median price asked	\$9 800	\$11 600	\$11 200	\$8 500	Median rent asked	\$77	\$81	\$74	\$72

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	728	374	163	74	34	37	46	1 482	393	412	320	275	71	11
PLUMBING FACILITIES														
With all plumbing facilities	585	261	140	72	50	35	27	1 360	403	373	270	300	-	14
Lacking some or all plumbing facilities	41	27	14	-	-	-	-	113	47	15	33	18	-	-
BEDROOMS														
None and 1	27	27	-	-	-	-	-	751	235	225	140	137	-	14
2	112	70	28	14	-	-	-	500	139	116	125	120	-	-
3	362	139	99	39	50	35	27	119	49	19	14	37	-	-
4 or more	125	52	27	19	-	-	27	103	27	28	24	24	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	68	2	8	10	8	16	24	59	13	-	-	22	21	3
1960 to 1968	39	10	15	3	6	5	-	134	19	13	20	56	30	6
1950 to 1959	143	68	28	21	6	16	4	54	8	16	13	14	3	-
1949 or earlier	478	294	112	40	14	-	18	1 235	353	383	287	183	27	2
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	559	144	160	107	120	28	-
2 to 4	...	...	...	...	...	...	...	562	170	173	133	80	6	-
5 to 19	...	...	...	...	...	...	...	312	48	79	77	70	27	11
20 or more	...	...	...	...	...	...	...	49	31	-	3	5	10	-
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	659	176	179	136	154	14	-
Some or no utilities included	...	...	...	...	...	...	...	823	217	233	184	121	57	11

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]

South Bend	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	28 348	1 162	3 793	5 456	5 434	3 691	4 629	1 963	1 320	545	355	11 700
ROOMS												
1 and 2 rooms	67	18	5	20	19	-	5	-	-	-	-	...
3 rooms	264	48	83	74	35	10	9	-	-	5	-	7 500
4 rooms	4 842	211	1 071	1 391	1 337	426	299	83	14	10	-	9 500
5 rooms	9 187	423	1 091	1 774	1 793	1 585	1 819	537	150	10	5	11 800
6 rooms	7 713	258	823	1 309	1 503	1 137	1 461	642	443	108	29	12 400
7 rooms	3 717	110	370	560	460	350	753	458	419	161	76	15 100
8 rooms or more	2 558	94	350	328	287	183	283	243	294	251	745	15 800
Median	5.5	5.2	5.2	5.2	5.2	5.4	5.6	6.1	6.6	7.4	7.5+	...
PERSONS												
1 person	3 941	379	942	1 048	666	298	335	157	65	27	24	9 000
2 persons	8 847	427	1 305	1 914	1 809	1 092	1 210	471	370	143	106	11 100
3 persons	4 920	127	569	892	980	724	879	363	211	86	49	12 200
4 persons	4 497	59	372	644	813	765	992	436	240	137	79	13 700
5 persons	2 961	48	240	444	528	388	684	306	224	82	17	13 900
6 persons or more	3 182	122	365	514	638	424	529	230	210	70	80	12 300
Median	2.8	2.0	2.2	2.4	2.7	3.1	3.4	3.5	3.6	3.6	3.5	...
Units with roomers, boarders, or lodgers	490	44	95	112	102	43	60	19	6	9	-	9 900
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	27 936	1 042	3 698	5 413	5 387	3 648	4 594	1 948	1 320	536	350	11 800
0.50 or less	15 158	723	2 404	3 248	2 867	1 678	2 050	922	682	342	242	11 000
0.51 to 1.00	11 066	243	1 065	1 727	2 125	1 737	2 300	982	596	183	108	13 000
1.01 to 1.50	1 501	45	192	397	328	211	234	44	39	11	-	10 900
1.51 or more	211	31	37	41	67	22	10	-	3	-	-	9 800
Lacking some or all plumbing facilities	412	120	95	43	47	43	35	15	-	9	5	7 300
0.50 or less	317	103	90	28	31	31	26	10	-	5	5	6 500
0.51 to 1.00	95	17	5	15	28	12	9	5	-	4	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
BEDROOMS												
None and 1	838	112	297	106	170	63	44	46	-	-	-	7 700
2	10 443	711	2 090	3 064	2 465	752	949	287	104	-	21	9 500
3	12 546	281	1 094	1 555	2 094	2 466	2 914	1 015	690	316	121	13 800
4 or more	4 651	120	463	699	578	709	817	324	506	187	248	14 100
YEAR STRUCTURE BUILT												
1969 to March 1970	103	-	-	-	15	-	-	35	31	4	18	25 500
1965 to 1968	442	-	-	-	5	28	47	86	176	70	30	28 100
1960 to 1964	1 468	-	6	29	43	84	568	373	231	67	67	20 100
1950 to 1959	7 574	42	246	725	1 351	1 401	2 105	873	535	184	112	15 000
1940 to 1949	4 586	37	424	944	1 141	793	709	274	117	92	55	11 900
1939 or earlier	14 175	1 083	3 117	3 758	2 879	1 385	1 200	322	230	128	73	9 400
COMPLETE BATHROOMS												
1 and 1/2	24 923	936	3 532	5 247	5 239	3 412	4 118	1 545	730	158	6	11 300
2 and 2 1/2	2 610	27	81	174	188	164	425	482	583	311	175	22 600
3 or more	277	-	-	-	-	4	8	31	-	-	144	50000+
None or also used by another household	522	162	119	69	60	47	33	19	7	7	6	7 100
HOUSEHOLD COMPOSITION												
Two-or-more-person households	24 407	783	2 851	4 408	4 768	3 393	4 294	1 806	1 255	518	331	12 200
Male head, wife present, no nonrelatives	21 379	564	2 214	3 774	4 143	3 057	3 956	1 707	1 162	493	309	12 500
Under 25 years	651	25	91	128	196	115	66	19	11	-	-	11 000
25 to 34 years	2 972	38	148	494	532	548	733	312	127	29	11	13 800
35 to 44 years	4 620	69	318	587	818	685	1 159	483	328	135	38	14 400
45 to 64 years	9 887	263	1 074	1 703	1 969	1 444	1 647	726	585	264	212	12 400
65 years and over	3 249	169	583	862	628	265	351	167	111	65	48	10 000
Other male head	650	47	91	167	121	74	60	33	27	14	16	10 400
Under 65 years	451	22	61	111	90	55	45	18	27	10	12	10 900
65 years and over	199	25	30	56	31	19	15	-	4	4	4	9 500
Female head	2 378	172	546	467	504	262	278	66	66	11	6	10 000
Under 65 years	1 665	99	339	338	366	216	211	65	51	-	-	10 400
65 years and over	713	73	207	129	138	46	67	21	15	11	6	9 000
One-person households	3 941	379	942	1 048	666	298	335	157	65	27	24	9 000
Under 65 years	1 645	127	397	416	277	125	144	99	29	22	9	9 300
65 years and over	2 296	252	545	632	389	173	191	58	36	5	15	8 900
INCOME IN 1969												
Less than \$2,000	2 154	268	522	581	355	155	165	66	21	5	16	8 700
\$2,000 to \$2,999	1 460	115	448	381	232	97	132	31	14	10	-	8 600
\$3,000 to \$3,999	1 195	131	249	315	243	123	88	37	-	9	-	9 200
\$4,000 to \$4,999	1 106	82	242	355	218	95	97	12	-	-	5	9 100
\$5,000 to \$5,999	1 267	113	251	322	297	122	103	30	21	4	4	9 600
\$6,000 to \$6,999	1 367	60	265	382	297	158	130	50	5	15	5	9 800
\$7,000 to \$9,999	5 589	178	829	1 291	1 296	837	854	193	96	5	10	11 000
\$10,000 to \$14,999	8 512	129	709	1 362	1 802	1 505	1 890	682	367	58	8	12 900
\$15,000 to \$24,999	4 415	70	249	446	615	539	1 038	691	519	177	71	16 200
\$25,000 or more	1 283	16	29	21	79	60	132	171	277	262	236	29 800
Median	\$10 000	\$4 800	\$6 700	\$7 900	\$9 500	\$10 900	\$12 000	\$14 100	\$17 600	\$24 400	\$34 500	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 928	37	164	257	368	247	392	219	168	51	25	13 900
1968	1 852	47	157	295	283	256	341	190	197	72	14	13 900
1967	1 408	51	137	265	232	204	271	117	71	30	30	12 700
1965 and 1966	2 514	39	286	429	467	339	453	219	173	67	42	12 800
1960 to 1964	4 498	104	410	880	766	513	398	314	101	51	12	9 000
1950 to 1959	8 868	306	922	1 535	1 899	1 294	1 618	655	339	173	127	12 200
1949 or earlier	7 264	541	1 656	1 829	1 472	770	544	256	82	72	42	9 500
HEATING EQUIPMENT												
Steam or hot water	1 446	32	93	224	181	89	203	204	185	103	132	17 300
Worm-air furnace	23 848	847	3 014	4 421	4 673	3 307	4 156	1 689	1 100	432	209	11 900
Built-in electric units	532	5	27	157	137	66	64	37	25	5	9	11 400
Floor, wall, or pipeless furnace	523	39	109	147	127	51	9	5	5	5	5	9 400
Other means	1 997	239	550	507	316	201	155	24	5	-	-	8 500
None	-	-	-	-	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	7 572	139	650	1 354	1 572	1 360	1 415	596	296	95	95	12 600
Central system	2 357	-	24	66	164	196	401	485	530	309	182	23 400
None	18 403	986	3 058	4 070	3 751	2 067	2 764	973	518	162	54	10 700

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]

South Bend

	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	10 920	577	422	747	755	2 033	1 917	1 860	1 509	530	55	515	107
ROOMS													
1 room	433	131	96	66	27	31	42	27	—	5	—	8	58
2 rooms	690	116	51	154	60	142	76	56	15	—	—	20	72
3 rooms	2 443	221	107	269	377	638	346	192	241	28	—	24	86
4 rooms	3 025	49	62	157	152	657	703	556	377	192	9	111	111
5 rooms	2 141	44	49	39	59	387	347	489	490	114	15	88	125
6 rooms	1 337	12	32	48	65	115	239	336	226	124	15	125	128
7 rooms	496	—	—	—	15	36	130	142	71	40	10	52	129
8 rooms or more	355	4	5	14	—	27	34	62	89	27	6	87	144
Median	4.1	2.7	3.1	3.1	3.3	3.8	4.2	4.7	4.7	4.9	...	5.6	...
PERSONS													
1 person	3 654	450	285	435	381	828	449	343	283	60	5	135	84
2 persons	3 062	75	52	179	198	609	550	476	480	180	29	234	111
3 persons	1 632	13	27	62	71	275	370	377	272	110	5	50	119
4 persons	1 143	13	18	42	51	140	236	254	243	101	10	35	126
5 persons	682	15	4	20	40	110	150	184	86	48	6	19	119
6 persons or more	747	11	36	9	14	71	162	226	145	31	—	42	127
Median	2.1	1.1	1.2	1.4	1.5	1.8	2.4	2.8	2.5	2.7	...	2.0	...
Units with roomers, boarders, or lodgers	532	14	6	31	40	114	97	110	53	30	11	26	110
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	10 359	437	314	604	727	1 969	1 894	1 839	1 497	525	55	498	109
0.50 or less	5 491	296	164	381	418	1 200	847	819	700	266	40	360	103
0.51 to 1.00	4 280	136	110	209	276	653	900	888	716	249	15	124	115
1.01 to 1.50	506	—	32	14	29	94	120	126	70	10	—	11	113
1.51 or more	82	5	—	—	4	22	27	6	11	—	—	3	...
Lacking some or all plumbing facilities	561	140	108	143	28	64	23	21	12	5	—	17	62
0.50 or less	286	62	51	81	23	53	—	4	—	—	—	12	63
0.51 to 1.00	254	73	57	62	5	11	23	6	7	5	—	5	59
1.01 to 1.50	16	5	—	—	—	—	—	11	—	—	—	—	...
1.51 or more	5	—	—	—	—	—	—	—	5	—	—	—	...
BEDROOMS													
None	569	90	108	120	60	66	60	65	—	—	—	—	67
1	3 353	315	186	267	548	987	411	167	363	—	—	89	85
2	4 356	50	46	262	285	792	845	787	725	300	—	264	114
3 or more	2 662	25	63	17	39	200	464	573	636	220	59	366	138
YEAR STRUCTURE BUILT													
1969 to March 1970	545	65	6	22	4	—	8	27	305	100	5	3	173
1965 to 1968	638	24	22	10	5	11	49	77	288	132	20	—	171
1960 to 1964	547	128	36	18	22	28	59	41	144	66	—	5	113
1950 to 1959	1 186	14	12	25	27	106	235	362	227	78	—	100	130
1940 to 1949	1 464	37	22	62	55	316	376	377	137	36	—	46	112
1939 or earlier	6 540	309	324	610	642	1 572	1 190	976	408	118	30	367	94
ELEVATOR IN STRUCTURE													
4 floors or more	486	126	90	49	41	66	36	24	35	19	—	—	66
With elevator	391	126	42	49	18	42	36	24	35	19	—	—	...
Walk-up	95	—	48	—	23	24	—	—	—	—	—	—	...
1 to 3 floors	10 454	354	313	637	891	1 979	1 744	1 568	1 689	501	59	719	108
COMPLETE BATHROOMS													
1 and 1/2	9 769	418	320	590	619	1 860	1 820	1 877	1 401	443	31	390	110
2 or more	308	8	—	6	13	15	26	46	27	107	21	39	188
None or also used by another household	833	178	111	170	54	128	98	40	22	7	—	25	67
INCOME IN 1969													
Less than \$2,000	1 587	300	139	131	169	329	177	124	84	27	10	97	80
\$2,000 to \$2,999	1 004	132	78	147	93	208	117	64	77	24	5	59	82
\$3,000 to \$3,999	894	26	38	92	77	215	183	129	54	19	6	55	97
\$4,000 to \$4,999	809	59	28	67	79	197	144	141	39	24	—	31	95
\$5,000 to \$5,999	901	7	39	87	70	179	178	213	57	32	—	39	106
\$6,000 to \$6,999	913	26	21	23	54	216	275	136	116	37	—	9	108
\$7,000 to \$9,999	2 267	18	59	124	147	445	443	529	357	53	4	88	113
\$10,000 to \$14,999	1 736	9	20	54	66	201	266	407	477	135	—	101	135
\$15,000 to \$24,999	659	—	—	15	—	43	118	96	196	145	15	31	161
\$25,000 or more	150	—	—	7	—	—	16	21	52	34	15	5	177
Median	\$6 300	\$2000	\$2 900	\$4 100	\$4 500	\$5 400	\$6 600	\$7 700	\$9 800	\$11 800	...	\$5 400	...
YEAR MOVED INTO UNIT													
1969 to March 1970	5 138	174	137	250	238	913	886	989	982	419	18	132	118
1968	1 586	36	33	99	165	210	301	332	279	52	—	79	114
1967	950	87	62	85	34	205	212	131	86	28	—	20	99
1965 and 1966	993	74	62	88	79	189	191	179	41	43	29	18	99
1960 to 1964	1 099	128	54	142	85	205	221	173	42	7	—	62	93
1950 to 1959	812	64	60	78	53	219	126	120	20	8	5	59	89
1949 or earlier	332	41	43	24	32	62	7	39	—	—	—	84	75
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	941	78	74	171	100	189	163	59	79	23	5	...	85
10 to 14 percent	1 763	67	77	108	152	435	296	333	213	72	10	...	103
15 to 19 percent	2 077	44	35	113	133	394	471	426	355	96	10	...	114
20 to 24 percent	1 404	77	45	75	82	193	304	297	272	83	5	...	117
25 to 34 percent	1 628	126	91	104	105	253	239	346	283	79	—	...	111
35 percent or more	2 424	161	95	146	195	537	428	384	286	172	20	...	104
Not computed	683	24	5	27	18	32	16	15	21	5	5	515	86
AIR CONDITIONING													
Room unit(s)	1 738	36	29	113	96	259	366	430	221	108	12	68	117
Central system	1 033	—	7	—	—	34	32	38	604	257	19	42	182
None	8 139	568	395	653	590	1 710	1 546	1 495	625	192	21	344	100

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]

South Bend	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	30 265	2 414	1 625	1 331	1 265	1 377	1 508	5 969	8 854	4 582	1 340	9 800
ROOMS												
1 and 2 rooms	95	26	5	9	6	4	7	33	5	—	—	5 500
3 rooms	419	59	72	41	10	56	25	76	50	18	12	8 200
4 rooms	5 432	540	385	351	328	290	354	1 216	1 505	377	86	9 200
5 rooms	9 842	891	597	425	482	503	524	2 083	2 961	1 238	138	10 700
6 rooms	7 961	456	282	317	261	329	403	1 600	2 503	1 515	295	12 200
7 rooms or more	6 516	442	284	188	178	195	195	961	1 830	1 434	809	12 200
PERSONS												
1 person	4 445	1 724	749	426	373	311	215	393	178	48	28	2 700
2 persons	9 588	435	642	678	640	607	646	2 104	2 381	1 053	402	8 600
3 and 4 persons	9 827	143	168	147	193	315	438	2 045	3 773	2 065	540	11 900
5 persons	3 079	50	33	53	18	52	85	757	1 221	662	148	12 000
6 persons or more	3 326	62	33	27	41	92	124	670	1 301	754	222	12 400
Units with roomers, boarders, or lodgers	582	117	95	47	39	83	42	84	45	27	3	4 800
BEDROOMS												
Less than 3	12 615	1 491	1 137	1 022	890	767	810	2 706	2 853	796	143	7 200
3	12 912	645	433	253	319	536	614	2 670	4 294	2 399	749	11 100
4 or more	4 767	264	149	98	196	107	62	765	1 367	1 301	458	12 700
YEAR STRUCTURE BUILT												
1969 to March 1970	103	9	—	—	6	—	—	16	40	9	23	12 600
1960 to 1968	1 934	24	24	25	22	35	21	330	689	582	182	13 500
1950 to 1959	7 724	284	230	125	161	190	304	1 550	2 921	1 442	517	11 700
1949 or earlier	20 504	2 097	1 371	1 181	1 076	1 152	1 183	4 073	5 204	2 549	618	8 600
YEAR MOVED INTO UNIT												
1969 to March 1970	2 140	86	53	60	52	86	115	582	707	290	109	10 300
1968	1 960	90	39	60	67	77	77	506	683	294	67	10 500
1960 to 1967	8 906	396	270	232	266	302	471	1 910	3 039	1 544	476	11 000
1959 or earlier	17 270	1 813	1 249	981	814	897	884	2 922	4 506	2 504	700	9 100
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	21 881	1 280	851	574	748	738	886	4 495	7 149	3 853	1 307	11 000
Clothes dryer	20 097	775	566	390	578	688	868	4 220	6 905	3 896	1 211	11 400
Dishwasher	4 328	179	20	20	40	39	20	354	1 267	1 412	893	16 000
Home food freezer	8 366	363	163	274	289	278	324	1 402	2 790	1 792	691	12 000
Owned second home	1 296	90	—	68	107	45	40	202	349	300	95	11 400
With air conditioning	10 515	342	305	244	351	327	435	1 834	3 404	2 307	966	12 100
Room unit(s)	8 104	322	287	218	323	284	392	1 606	2 759	1 554	359	11 100
Central system	2 411	20	18	26	28	43	43	228	645	753	607	17 100
Automobiles available:												
1	15 113	840	870	864	832	986	1 114	3 917	4 129	1 299	262	8 600
2	9 828	100	80	81	92	166	247	1 498	4 142	2 639	783	13 200
3 or more	1 642	—	—	17	14	31	—	145	476	658	301	17 100
Renter occupied housing units	10 982	1 600	1 010	894	819	908	913	2 279	1 750	659	150	6 300
ROOMS												
1 room	433	118	67	54	63	23	20	66	19	3	—	3 600
2 rooms	690	203	97	47	64	68	68	94	49	—	—	4 000
3 rooms	2 456	471	336	239	230	227	213	406	258	50	26	4 800
4 rooms	3 032	324	200	292	237	256	332	666	534	155	36	6 600
5 rooms	2 152	228	164	122	85	174	132	614	391	213	29	7 800
6 rooms or more	2 219	256	146	140	140	160	148	433	499	238	59	7 800
PERSONS												
1 person	3 668	982	516	312	373	293	275	580	240	70	27	4 100
2 persons	3 069	335	220	315	180	206	206	625	598	222	72	6 900
3 and 4 persons	2 795	219	152	178	150	163	297	762	617	227	30	7 900
5 persons	682	35	61	37	53	97	68	125	121	79	6	6 900
6 persons or more	768	29	61	52	63	59	67	187	174	61	15	7 900
Units with roomers, boarders, or lodgers	532	143	92	52	54	29	33	55	42	26	6	3 600
BEDROOMS												
None	569	90	73	89	77	24	79	119	18	—	—	4 400
1	3 353	790	396	378	236	197	264	711	296	61	24	4 500
2	4 378	474	306	357	305	378	319	1 109	813	317	—	7 100
3 or more	2 704	287	230	121	265	117	217	467	646	307	47	7 700
YEAR STRUCTURE BUILT												
1969 to March 1970	553	69	80	15	10	20	17	93	143	81	25	9 100
1960 to 1968	1 194	156	107	103	72	50	83	182	229	152	60	7 400
1950 to 1959	1 191	59	91	51	102	83	108	345	279	64	9	7 900
1949 or earlier	8 044	1 316	732	725	635	755	705	1 659	1 099	362	56	5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	5 150	652	475	452	407	438	479	1 028	817	306	96	6 300
1968	1 586	185	114	96	106	111	153	374	315	124	8	7 200
1960 to 1967	3 081	503	282	251	142	296	237	610	498	187	75	6 300
1959 or earlier	1 153	221	138	97	115	135	54	223	116	47	7	5 000
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	10 920	1 587	1 004	894	809	901	913	2 267	1 736	659	150	6 300
Less than 15 percent	2 704	—	10	16	71	102	132	764	946	518	145	11 400
15 to 19 percent	2 077	—	34	44	131	214	301	765	488	100	—	8 200
20 to 24 percent	1 404	19	90	110	158	182	249	425	161	10	—	6 600
25 to 34 percent	1 628	135	230	279	273	292	172	207	40	—	—	4 600
35 percent or more	2 424	1 168	581	390	145	72	50	18	—	—	—	2 100
Not computed	683	265	59	55	31	39	9	88	101	31	5	3 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	3 312	294	216	127	160	120	154	888	893	413	47	9 000
Clothes dryer	2 802	204	122	193	123	123	106	715	779	413	24	9 200
Dishwasher	1 408	86	58	78	103	58	61	268	435	213	48	9 900
Home food freezer	775	73	80	42	40	58	57	127	183	115	—	7 900
Owned second home	306	23	43	—	66	20	20	48	55	51	—	9 100
With air conditioning	2 778	171	175	115	132	163	247	553	711	380	131	9 100
Room unit(s)	1 738	132	132	73	115	134	162	374	415	166	35	8 000
Central system	1 040	39	43	42	17	29	85	179	296	214	96	11 500
Automobiles available:												
1	5 899	401	426	520	371	636	558	1 593	996	319	79	7 100
2	1 748	89	33	59	53	53	140	390	543	314	74	10 500
3 or more	194	31	12	9	—	14	14	29	44	16	25	8 800

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)

South Bend	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	30 265	29 790	16 354	11 612	1 597	227	475	365	106	4	-
PERSONS											
1 person	4 445	4 259	4 251	8	-	-	186	186	-	-	-
2 persons	9 588	9 420	9 213	207	-	-	168	153	15	-	-
3 persons	5 195	5 128	2 394	2 734	-	-	67	26	41	-	-
4 persons	4 632	4 618	388	4 202	15	13	14	-	14	-	-
5 persons	3 079	3 048	108	2 685	226	29	31	-	31	5	4
6 persons or more	3 326	3 317	-	1 776	1 356	185	9	-	9	4	-
Median	2.7	2.7	1.9	4.2	6.4	7.5+	1.8	1.5	3.4	...	...
Units with roomers, boarders, or lodgers	582	571	333	184	39	15	11	11	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	100	100	40	55	5	-	-	-	-	-	-
1965 to 1968	463	457	200	234	23	-	6	-	6	-	-
1960 to 1964	1 474	1 467	440	937	84	6	7	7	-	-	-
1950 to 1959	7 670	7 596	3 192	3 737	636	31	74	40	34	-	-
1940 to 1949	5 027	4 997	2 662	1 997	259	61	48	42	-	6	-
1939 or earlier	15 542	15 194	9 776	4 695	587	136	348	291	57	-	-
INCOME IN 1969											
Less than \$2,000	2 414	2 298	2 066	182	47	3	116	116	-	-	-
\$2,000 to \$2,999	1 625	1 564	1 367	182	15	-	61	52	9	-	-
\$3,000 to \$3,999	1 331	1 303	1 114	157	22	10	28	28	-	-	-
\$4,000 to \$4,999	1 265	1 229	1 048	135	34	12	36	36	-	-	-
\$5,000 to \$5,999	1 377	1 347	977	294	61	15	30	20	10	-	-
\$6,000 to \$6,999	1 508	1 466	973	403	71	19	42	21	21	-	-
\$7,000 to \$9,999	5 969	5 910	2 926	2 498	435	51	59	46	9	4	-
\$10,000 to \$14,999	8 854	8 794	3 355	4 749	611	79	60	29	31	-	-
\$15,000 to \$24,999	4 582	4 548	1 757	2 494	265	32	34	17	17	-	-
\$25,000 or more	1 340	1 331	771	518	36	6	9	-	9	-	-
Median	\$9 800	\$9 900	\$7 600	\$12 100	\$10 900	\$10 200	\$4 900	\$3 500	\$10 600	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	28 348	27 936	15 158	11 066	1 501	211	412	317	95	-	-
Less than 1.5	16 230	16 032	7 165	7 583	1 123	161	198	121	77	-	-
1.5 to 1.9	4 523	4 475	2 169	2 043	230	33	48	44	4	-	-
2.0 to 2.4	2 248	2 220	1 486	670	50	14	28	23	5	-	-
2.5 to 2.9	1 186	1 166	855	291	20	-	20	15	5	-	-
3.0 to 3.9	1 293	1 253	993	239	21	-	40	36	4	-	-
4.0 or more	2 646	2 578	2 327	205	46	-	68	68	-	-	-
Not computed	222	212	163	35	11	3	10	10	-	-	-
HEATING EQUIPMENT											
Steam or hot water	1 625	1 611	1 071	454	80	6	14	10	4	-	-
Warm-air furnace	25 365	25 009	13 602	10 079	1 179	145	360	264	92	4	-
Built-in electric units	574	569	360	176	33	-	5	5	-	-	-
Floor, wall, or pipeless furnace	540	532	265	189	62	16	8	8	-	-	-
Other means	2 151	2 063	1 051	714	238	60	88	78	10	-	-
None	10	10	5	-	5	-	-	-	-	-	-
Renter occupied housing units	10 982	10 414	5 505	4 321	506	82	568	293	254	16	5
PERSONS											
1 person	3 668	3 262	3 009	253	-	-	406	244	162	-	-
2 persons	3 069	2 986	2 127	852	-	7	83	49	34	-	-
3 persons	1 637	1 617	297	1 314	-	6	20	-	20	-	-
4 persons	1 158	1 137	60	1 034	43	-	21	-	16	5	-
5 persons	682	667	12	503	138	14	15	-	15	-	-
6 persons or more	768	745	-	365	325	55	23	-	7	11	5
Median	2.1	2.2	1.4	3.3	6.0	...	1.2	1.1	1.3	...	...
Units with roomers, boarders, or lodgers	532	507	189	273	40	5	25	7	18	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	550	550	373	172	-	5	-	-	-	-	-
1965 to 1968	684	684	375	302	7	-	-	-	-	-	-
1960 to 1964	454	454	237	187	30	-	-	-	-	-	-
1950 to 1959	1 237	1 222	496	629	97	-	15	15	-	-	-
1940 to 1949	1 494	1 432	605	747	73	7	62	5	52	5	-
1939 or earlier	6 551	6 053	3 382	2 356	262	53	498	280	202	7	9
INCOME IN 1969											
Less than \$2,000	1 600	1 454	1 049	377	28	-	146	96	50	-	-
\$2,000 to \$2,999	1 010	877	531	283	63	-	133	65	63	5	-
\$3,000 to \$3,999	894	838	492	312	30	4	56	11	45	-	-
\$4,000 to \$4,999	819	776	416	303	40	17	43	27	16	-	-
\$5,000 to \$5,999	908	853	427	362	64	-	55	32	17	6	-
\$6,000 to \$6,999	913	893	395	424	63	11	20	14	6	-	-
\$7,000 to \$9,999	2 279	2 177	1 017	1 041	98	31	92	43	44	5	-
\$10,000 to \$14,999	1 750	1 727	779	852	80	16	23	5	13	-	5
\$15,000 to \$24,999	659	659	305	311	40	3	-	-	-	-	-
\$25,000 or more	150	150	94	56	-	-	-	-	-	-	-
Median	\$6 300	\$6 500	\$5 600	\$7 300	\$6 400	...	\$3 100	\$2 800	\$3 300	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	10 920	10 359	5 491	4 280	506	82	561	286	254	16	5
Less than 10 percent	941	879	400	437	33	9	62	37	25	-	-
10 to 14 percent	1 763	1 668	812	740	86	30	95	39	56	-	-
15 to 19 percent	2 077	1 998	944	940	108	6	79	38	36	-	5
20 to 24 percent	1 404	1 347	638	607	81	21	57	7	40	10	-
25 to 34 percent	1 628	1 523	816	615	83	9	105	61	38	6	-
35 percent or more	2 424	2 292	1 424	764	100	4	132	83	49	-	-
Not computed	683	652	457	177	15	3	31	21	10	-	-
HEATING EQUIPMENT											
Steam or hot water	1 617	1 456	951	456	44	5	161	31	130	-	-
Warm-air furnace	6 934	6 651	3 284	2 994	311	62	283	188	84	11	-
Built-in electric units	968	959	594	356	6	3	9	4	-	-	5
Floor, wall, or pipeless furnace	326	320	167	115	38	-	6	6	-	-	-
Other means	1 104	995	509	379	101	6	109	64	40	5	-
None	33	33	-	21	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 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]

South Bend	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	30 265	8	87	419	5 432	9 842	7 961	3 839	2 677	5.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	29 638	8	71	384	5 219	9 449	8 060	3 771	2 676	5.5
PERSONS										
1 person	4 445	8	38	163	1 090	1 578	860	436	272	5.1
2 persons	9 588	—	30	192	2 465	3 481	2 109	784	527	5.1
3 persons	5 195	—	—	13	944	1 818	1 414	606	400	5.4
4 persons	4 632	—	13	15	550	1 444	1 534	688	388	5.7
5 persons	3 079	—	6	23	226	821	1 051	615	337	5.9
6 persons or more	3 326	—	—	13	157	700	993	710	753	6.3
Median	2.7	...	...	1.7	2.2	2.5	3.2	3.6	3.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	29 790	8	67	394	5 338	9 666	7 880	3 784	2 653	5.4
0.50 or less	16 354	—	18	153	3 477	4 940	4 315	1 780	1 671	5.4
0.51 to 1.00	11 612	8	30	190	1 478	4 030	3 142	1 852	882	5.5
1.01 to 1.50	1 597	—	—	15	321	636	384	152	89	5.2
1.51 or more	227	—	19	36	62	60	39	—	11	4.4
Lacking some or all plumbing facilities	475	—	20	25	94	176	81	53	24	5.1
0.50 or less	365	—	20	10	78	119	68	46	24	5.1
0.51 to 1.00	106	—	—	15	16	53	13	9	—	4.9
1.01 to 1.50	4	—	—	—	—	4	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	1 141	—	45	324	478	271	23	—	—	3.9
2	11 474	—	—	62	5 177	5 292	748	195	—	4.6
3	12 912	—	—	—	65	4 934	5 846	1 431	436	5.7
4 or more	4 767	—	—	—	—	89	688	1 910	2 080	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	103	—	—	—	9	25	31	20	18	6.1
1960 to 1968	1 934	—	—	—	54	625	492	471	292	6.1
1950 to 1959	7 724	—	18	51	1 626	3 104	1 888	762	275	5.2
1949 or earlier	20 504	8	69	368	3 743	6 088	5 550	2 586	2 092	5.5
COMPLETE BATHROOMS										
1 and 1 1/2	26 362	8	71	348	5 061	8 916	7 374	3 014	1 570	5.4
2 or more	3 317	—	—	43	158	547	702	757	1 110	6.8
None or also used by another household	597	6	26	41	137	170	96	56	65	5.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	28 348	4	63	264	4 842	9 187	7 713	3 717	2 558	5.5
Less than 1.5	16 230	—	41	144	2 942	4 998	4 637	2 036	1 432	5.5
1.5 to 1.9	4 523	—	5	52	575	1 684	1 223	629	355	5.5
2.0 to 2.9	3 434	4	6	16	483	1 136	849	481	459	5.6
3.0 or more	3 939	—	6	44	797	1 312	939	546	295	5.4
Not computed	222	—	5	8	45	57	65	25	17	5.4
Renter occupied housing units	10 982	433	690	2 456	3 032	2 152	1 347	517	355	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 947	153	522	2 365	2 897	1 988	1 239	449	334	4.2
PERSONS										
1 person	3 668	415	528	1 440	863	293	94	16	19	3.1
2 persons	3 069	7	152	734	1 108	612	309	94	53	4.1
3 persons	1 637	6	—	224	582	528	196	57	44	4.5
4 persons	1 158	—	—	48	279	359	342	70	60	5.2
5 persons	682	—	10	4	138	206	211	81	32	5.4
6 persons or more	768	5	—	6	62	154	195	199	147	6.3
Median	2.1	1.0	1.2	1.4	2.1	2.8	3.7	4.8	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	10 414	271	556	2 333	2 951	2 119	1 335	517	332	4.2
0.50 or less	5 505	—	405	1 351	1 920	882	592	167	188	4.0
0.51 to 1.00	4 321	253	141	929	831	1 088	649	323	107	4.5
1.01 to 1.50	506	—	—	43	188	138	77	23	37	4.7
1.51 or more	82	18	10	10	12	11	17	4	—	...
Lacking some or all plumbing facilities	568	162	134	123	81	33	12	—	23	2.4
0.50 or less	293	—	123	89	51	23	7	—	—	2.8
0.51 to 1.00	254	162	11	29	30	5	5	—	12	1.3
1.01 to 1.50	16	—	—	5	—	5	—	—	6	...
1.51 or more	5	—	—	—	—	—	—	—	5	...
BEDROOMS										
None	569	384	185	—	—	—	—	—	—	1.2
1	3 353	—	254	2 386	572	1 08	15	18	—	3.1
2	4 378	—	—	58	2 251	1 735	267	43	24	4.4
3 or more	2 704	—	—	—	22	502	1 271	644	265	6.2
YEAR STRUCTURE BUILT										
1969 to March 1970	553	3	37	164	221	120	8	—	—	3.8
1960 to 1968	1 194	41	42	282	398	285	112	23	11	4.1
1950 to 1959	1 191	18	27	139	393	335	193	50	36	4.6
1949 or earlier	8 044	371	584	1 871	2 020	1 412	1 034	444	308	4.1
COMPLETE BATHROOMS										
1 and 1 1/2	9 820	252	558	2 370	2 833	1 952	1 185	396	274	4.1
2 or more	308	8	6	—	76	42	58	53	65	5.9
None or also used by another household	842	196	204	125	177	67	28	15	30	2.7
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	10 920	433	690	2 443	3 025	2 141	1 337	496	355	4.1
Less than 10 percent	941	42	62	200	269	204	122	15	27	4.1
10 to 14 percent	1 763	89	101	357	479	367	243	101	26	4.2
15 to 19 percent	2 077	46	111	447	659	427	212	120	55	4.2
20 to 24 percent	1 404	—	39	319	394	305	224	44	20	4.2
25 to 34 percent	1 628	82	119	395	436	353	142	53	48	4.0
35 percent or more	2 424	91	238	650	640	370	260	95	80	3.9
Not computed	683	24	20	75	148	115	134	68	99	5.1

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

Table B-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]

South Bend	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	30 265	28 890	1 370	5	10 982	4 468	2 124	1 694	1 212	389	1 095	-
ROOMS												
1 room	8	4	4	-	433	10	16	34	81	77	215	-
2 rooms	87	63	24	-	690	46	108	258	125	52	101	-
3 rooms	419	269	150	-	2 456	234	602	870	295	136	319	-
4 rooms	5 432	4 999	428	5	3 032	1 044	766	331	499	92	300	-
5 rooms	9 842	9 364	478	-	2 152	1 282	389	141	176	19	145	-
6 rooms	7 961	7 814	147	-	1 347	1 079	174	44	27	13	10	-
7 rooms	3 839	3 779	60	-	517	453	46	4	9	-	5	-
8 rooms or more	2 677	2 598	79	-	355	320	23	12	-	-	-	-
Median	5.4	5.5	4.7	...	4.1	5.2	3.9	3.1	3.7	3.0	3.2	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	29 790	28 464	1 321	5	10 414	4 371	2 061	1 548	1 097	340	997	-
0.50 or less	16 354	15 466	888	5	5 505	1 861	1 219	911	640	187	687	-
0.51 to 1.00	11 612	11 250	362	-	4 321	2 180	714	554	436	147	290	-
1.01 to 1.50	1 597	1 532	65	-	506	293	118	56	13	6	20	-
1.51 or more	227	216	11	-	82	37	10	27	8	-	-	-
Lacking some or all plumbing facilities	475	426	49	-	568	97	63	146	115	49	98	-
0.50 or less	365	326	39	-	293	47	63	111	66	6	-	-
0.51 to 1.00	106	100	6	-	254	34	-	35	49	38	98	-
1.01 to 1.50	4	-	4	-	16	11	-	-	-	5	-	-
1.51 or more	-	-	-	-	5	5	-	-	-	-	-	-
BEDROOMS												
None	-	-	-	-	569	24	46	108	18	193	180	-
1	1 141	857	284	-	3 353	401	883	1 046	538	186	299	-
2	11 474	10 682	792	-	4 378	2 328	792	298	558	96	306	-
3	12 912	12 691	221	-	2 053	1 701	131	42	55	23	101	-
4 or more	4 767	4 669	98	-	651	583	21	26	21	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	103	103	-	-	553	25	12	39	263	80	134	-
1965 to 1968	446	446	-	-	638	63	37	37	276	65	160	-
1960 to 1964	1 488	1 488	-	-	556	163	35	37	44	30	247	-
1950 to 1959	7 724	7 664	60	-	1 191	828	94	101	65	24	79	-
1940 to 1949	5 036	4 742	294	-	1 464	714	260	232	160	27	71	-
1939 or earlier	15 468	14 447	1 016	5	6 580	2 675	1 686	1 248	404	163	404	-
INCOME IN 1969												
Less than \$2,000	2 414	2 228	186	-	1 600	546	310	340	153	69	182	-
\$2,000 to \$2,999	1 625	1 507	118	-	1 010	320	154	215	140	60	121	-
\$3,000 to \$3,999	1 331	1 223	103	5	894	318	178	190	91	26	91	-
\$4,000 to \$4,999	1 265	1 133	132	-	819	255	154	187	95	41	87	-
\$5,000 to \$5,999	1 377	1 291	86	-	908	316	233	155	97	23	84	-
\$6,000 to \$6,999	1 508	1 405	103	-	913	368	196	140	116	32	61	-
\$7,000 to \$9,999	5 969	5 695	274	-	2 279	1 065	506	294	201	58	155	-
\$10,000 to \$14,999	8 854	8 611	243	-	1 750	859	336	147	206	37	165	-
\$15,000 to \$24,999	4 582	4 492	90	-	659	369	45	20	88	29	108	-
\$25,000 or more	1 340	1 305	35	-	150	52	12	6	25	14	41	-
Median	\$9 800	\$10 000	\$6 600	...	\$6 300	\$7 300	\$6 200	\$4 500	\$6 300	\$5 000	\$5 800	-
YEAR MOVED INTO UNIT												
1969 to March 1970	2 140	1 963	177	-	5 150	1 917	972	856	733	230	442	-
1968	1 960	1 890	70	-	1 586	655	323	187	155	59	207	-
1967	1 469	1 418	51	-	956	363	221	98	111	23	140	-
1965 and 1966	2 635	2 541	94	-	1 026	429	184	175	70	18	150	-
1960 to 1964	4 802	4 623	173	6	1 099	433	222	204	62	16	162	-
1950 to 1959	8 541	8 267	274	-	743	319	169	122	78	26	29	-
1949 or earlier	8 729	8 186	543	-	410	171	69	75	25	7	63	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	10 920	4 406	2 124	1 694	1 212	389	1 095	-
Less than \$50	...	...	...	...	577	72	91	98	92	39	185	-
\$50 to \$59	...	...	...	...	422	100	79	94	28	35	86	-
\$60 to \$69	...	...	...	...	747	164	212	224	87	15	45	-
\$70 to \$79	...	...	...	...	755	183	178	261	83	20	30	-
\$80 to \$99	...	...	...	...	2 033	654	613	500	136	64	66	-
\$100 to \$119	...	...	...	...	1 917	831	473	290	180	21	122	-
\$120 to \$149	...	...	...	...	1 860	1 017	321	157	169	37	159	-
\$150 to \$199	...	...	...	...	1 509	727	77	38	322	62	283	-
\$200 to \$299	...	...	...	...	530	245	-	18	97	71	99	-
\$300 or more	...	...	...	...	55	16	-	-	5	15	10	-
No cash rent	...	...	...	...	515	397	71	14	13	10	10	-
Median	...	...	...	...	\$107	\$120	\$94	\$85	\$119	\$116	\$122	-
HEATING EQUIPMENT												
Steam or hot water	1 625	1 462	163	-	1 617	238	143	330	282	136	488	-
Warm-air furnace	25 365	24 292	1 068	5	6 934	3 309	1 614	1 079	469	135	328	-
Built-in electric units	574	546	28	-	968	93	31	94	382	104	264	-
Floor, wall, or pipeless furnace	540	525	15	-	326	155	87	62	12	-	10	-
Other means	2 151	2 055	96	-	1 104	640	249	129	67	14	5	-
None	10	10	-	-	33	33	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	8 104	7 730	368	6	1 738	697	337	250	137	66	251	-
Central system	2 411	2 389	22	-	1 040	93	7	50	370	162	358	-
None	19 761	18 769	992	-	8 192	3 497	1 816	1 417	727	151	584	-
AUTOMOBILES AVAILABLE												
1	15 113	14 289	818	6	5 899	2 366	1 219	906	610	180	618	-
2	9 828	9 598	230	-	1 748	910	261	163	231	70	113	-
3 or more	1 642	1 592	50	-	194	137	6	8	22	5	16	-
None	3 693	3 409	284	-	3 129	874	674	640	371	124	446	-

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]

South Bend	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	30 265	705	3 110	4 785	10 374	3 532	488	208	1 802	816	1 850	2 595
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	29 790	705	3 092	4 758	10 265	3 464	466	203	1 784	794	1 795	2 444
0.50 or less	16 354	256	646	638	5 487	2 939	277	154	1 039	667	1 791	2 460
0.51 to 1.00	11 612	414	2 196	3 291	4 271	516	165	45	589	117	4	4
1.01 to 1.50	1 597	35	232	746	434	4	16	4	116	10	-	-
1.51 or more	227	-	18	83	73	5	8	-	40	-	-	-
Lacking some or all plumbing facilities	475	-	18	27	109	68	22	5	18	22	55	131
0.50 or less	365	-	-	5	71	53	22	5	6	17	55	131
0.51 to 1.00	106	-	18	18	38	15	-	-	12	5	-	-
1.01 to 1.50	4	-	-	4	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	28 890	663	3 025	4 672	10 076	3 319	456	199	1 718	734	1 676	2 352
2 or more	1 370	42	85	113	298	208	32	9	84	82	174	243
Mobile home or trailer	5	-	-	-	-	5	-	-	-	-	-	-
INCOME IN 1969												
Less than \$2,000	2 414	11	23	23	58	184	28	30	207	126	339	1 385
\$2,000 to \$2,999	1 625	5	16	5	84	394	18	15	164	175	236	513
\$3,000 to \$3,999	1 331	5	9	28	113	518	22	25	109	76	153	273
\$4,000 to \$4,999	1 265	31	11	40	135	385	33	34	160	63	222	151
\$5,000 to \$5,999	1 377	40	38	95	270	313	12	21	185	92	213	98
\$6,000 to \$6,999	1 508	87	124	141	398	292	39	24	161	27	158	57
\$7,000 to \$9,999	5 969	368	1 102	866	1 975	600	128	24	396	117	332	61
\$10,000 to \$14,999	8 854	139	1 363	2 280	4 057	392	107	31	245	62	150	28
\$15,000 to \$24,999	4 582	14	359	1 096	2 498	291	74	4	131	67	28	20
\$25,000 or more	1 340	5	65	211	786	143	27	-	44	11	19	9
Median	\$9 800	\$8 400	\$10 900	\$12 600	\$12 700	\$5 900	\$9 200	\$5 000	\$6 500	\$4 500	\$4 900	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	28 348	651	2 972	4 620	9 887	3 249	451	199	1 665	713	1 645	2 286
Less than 1.5	16 230	424	1 789	3 140	7 633	1 268	263	55	716	254	559	129
1.5 to 1.9	4 523	145	802	929	1 320	516	74	25	263	62	232	155
2.0 to 2.4	2 248	33	246	329	456	520	29	27	164	79	201	164
2.5 to 2.9	1 186	21	75	109	235	249	15	10	103	36	94	239
3.0 to 3.9	1 293	6	25	85	128	330	38	47	142	83	143	266
4.0 or more	2 646	22	35	28	96	361	32	25	229	194	365	1 259
Not computed	222	-	-	-	19	5	-	10	48	5	51	84
Renter occupied housing units	10 982	1 428	1 670	701	1 128	371	529	71	1 265	151	2 471	1 197
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 414	1 405	1 646	701	1 101	348	516	53	1 237	145	2 201	1 061
0.50 or less	5 505	431	430	135	492	245	219	28	425	91	2 053	956
0.51 to 1.00	4 321	897	1 081	441	561	97	280	25	638	48	148	105
1.01 to 1.50	506	66	110	116	30	-	13	-	165	6	-	-
1.51 or more	82	11	25	9	18	4	4	-	9	-	-	-
Lacking some or all plumbing facilities	568	23	24	-	27	23	13	18	28	6	270	136
0.50 or less	293	-	-	-	16	18	8	7	-	-	153	91
0.51 to 1.00	254	23	19	-	11	5	5	11	12	6	117	45
1.01 to 1.50	16	-	5	-	-	-	-	-	11	-	-	-
1.51 or more	5	-	-	-	-	-	-	-	5	-	-	-
UNITS IN STRUCTURE												
1	4 468	566	972	495	672	147	271	20	627	87	413	198
2 to 4	3 818	581	446	125	219	114	185	19	435	48	1 206	440
5 to 19	1 601	209	217	48	131	74	68	25	156	-	450	223
20 or more	1 095	72	35	33	106	36	5	7	47	16	402	336
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
GROSS RENT												
Specified renter occupied ²	10 920	1 423	1 664	701	1 112	371	529	71	1 244	151	2 465	1 189
Less than \$50	577	-	5	4	5	24	12	5	66	6	162	288
\$50 to \$59	422	9	19	7	23	6	10	-	63	-	144	141
\$60 to \$69	747	44	49	10	47	27	34	11	83	7	304	131
\$70 to \$79	755	45	40	30	59	24	42	13	106	15	251	130
\$80 to \$99	2 033	370	218	59	166	59	83	16	213	21	681	147
\$100 to \$119	1 917	380	347	133	152	62	61	10	300	23	328	121
\$120 to \$149	1 860	357	422	146	198	41	103	10	220	20	244	99
\$150 to \$199	1 509	189	410	198	181	25	90	-	124	9	228	55
\$200 to \$299	530	14	116	77	138	41	57	-	27	-	47	13
\$300 or more	55	-	-	-	29	5	16	-	-	-	-	5
No cash rent	515	15	38	37	114	57	21	6	42	50	76	59
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	10 920	1 423	1 664	701	1 112	371	529	71	1 244	151	2 465	1 189
Less than \$5,000	4 294	385	129	61	131	197	250	54	824	88	1 165	1 010
Less than 20 percent	306	8	-	-	6	7	5	5	71	6	123	75
20 to 24 percent	377	39	6	4	16	38	12	-	62	-	131	69
25 to 34 percent	917	101	29	24	33	36	8	4	159	15	291	217
35 percent or more	2 284	237	79	27	71	78	186	39	445	41	536	545
Not computed	410	-	15	6	5	38	39	6	87	26	84	104
\$5,000 to \$9,999	4 081	781	815	250	411	108	172	13	361	28	99	143
Less than 20 percent	2 278	447	406	129	195	58	94	13	152	16	693	75
20 to 24 percent	856	215	198	25	78	20	16	-	111	12	159	22
25 to 34 percent	671	106	168	80	51	5	22	-	72	-	132	35
35 percent or more	140	5	38	-	19	10	31	-	26	-	-	11
Not computed	136	8	5	16	68	15	9	-	-	-	15	-
\$10,000 to \$14,999	1 736	242	524	244	282	45	88	4	43	24	214	26
Less than 20 percent	1 434	230	443	185	223	21	74	4	36	7	189	22
20 to 24 percent	161	5	61	41	19	10	8	-	-	-	13	4
25 percent or more	40	-	5	7	11	5	-	-	-	-	12	-
Not computed	101	7	15	11	29	9	6	-	7	17	-	-
\$15,000 or more	809	15	196	146	288	21	19	-	16	11	87	10
Less than 20 percent	763	15	193	137	266	21	19	-	16	4	82	10
20 to 24 percent	10	-	-	5	5	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	36	-	3	4	17	-	-	-	-	7	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]

South Bend	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	30 265	4 445	9 588	5 195	4 632	3 079	1 820	892	614	2.7
BEDROOMS										
None and 1	1 141	482	624	—	35	—	—	—	—	1.6
2	11 474	2 563	5 494	1 964	828	278	219	62	66	2.1
3	12 912	1 040	3 050	2 905	2 799	1 784	840	322	172	3.3
4 or more	4 767	448	457	433	883	1 025	578	415	528	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970	103	13	9	11	17	15	32	6	—	4.6
1965 to 1968	446	4	79	91	141	89	19	8	15	3.8
1960 to 1964	1 488	57	212	230	424	311	144	70	40	4.1
1950 to 1959	7 724	533	2 209	1 484	1 630	996	599	174	99	3.3
1940 to 1949	5 036	642	1 593	990	860	499	249	134	69	2.8
1939 or earlier	15 468	3 196	5 486	2 389	1 560	1 169	777	500	391	2.3
UNITS IN STRUCTURE										
1	28 890	4 028	9 039	5 002	4 579	3 014	1 776	856	596	2.8
2 or more	1 370	417	544	193	53	65	44	36	18	2.0
Mobile home or trailer	5	—	5	—	—	—	—	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	26 362	3 902	8 553	4 509	4 092	2 525	1 617	699	465	2.7
2 and 2 1/2	2 980	258	737	569	490	459	169	182	116	3.4
3 or more	337	11	93	49	81	34	37	27	5	3.7
None or also used by another household	597	225	217	78	14	27	21	7	8	1.8
HOUSEHOLD COMPOSITION										
Two-or-more-person households	25 820	...	9 588	5 195	4 632	3 079	1 820	892	614	3.1
Male head, wife present, no nonrelatives	22 506	...	7 864	4 530	4 218	2 848	1 660	836	550	3.2
Under 25 years	705	...	166	319	128	56	29	7	—	3.1
25 to 34 years	3 110	...	395	567	1 031	671	284	121	41	4.1
35 to 44 years	4 785	...	320	498	1 212	1 169	830	431	325	4.8
45 to 64 years	10 374	...	4 179	2 651	1 688	912	497	272	175	2.9
65 years and over	3 532	...	2 804	495	159	40	20	5	9	2.1
Other male head	696	...	371	135	91	40	32	11	16	2.4
Under 65 years	488	...	233	96	69	35	32	11	12	2.6
65 years and over	208	...	138	39	22	5	—	—	4	2.3
Female head	2 618	...	1 353	530	323	191	128	45	48	2.5
Under 65 years	1 802	...	740	414	267	171	122	40	48	2.9
65 years and over	816	...	613	116	56	20	6	5	—	2.2
One-person households	4 445	4 445	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	28 348	3 941	8 847	4 920	4 497	2 961	1 731	835	596	2.8
Less than 1.5	16 230	688	4 970	3 459	2 873	1 937	1 227	629	447	3.2
1.5 to 1.9	4 523	387	1 347	785	905	614	257	127	101	3.2
2.0 to 2.4	2 248	365	892	276	356	172	136	28	23	2.4
2.5 to 2.9	1 186	333	409	149	134	80	52	18	11	2.1
3.0 to 3.9	1 293	409	510	128	124	69	30	14	9	2.0
4.0 or more	2 646	1 624	686	123	79	76	39	19	—	1.3
Not computed	222	135	33	—	26	13	10	—	5	1.3
Renter occupied housing units	10 982	3 668	3 069	1 637	1 158	682	403	236	129	2.1
BEDROOMS										
None	569	551	—	—	—	—	—	18	—	1.0
1	3 353	2 164	895	213	60	—	—	21	—	1.3
2	4 378	762	1 635	883	562	428	82	—	26	2.4
3 or more	2 704	112	544	417	631	253	313	257	177	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	553	197	237	75	34	10	—	—	—	1.8
1965 to 1968	638	164	257	151	27	17	9	9	4	2.1
1960 to 1964	556	226	94	75	57	34	35	35	—	2.1
1950 to 1959	1 191	224	304	186	224	162	66	20	5	2.9
1940 to 1949	1 464	345	352	307	268	94	71	16	11	2.6
1939 or earlier	6 580	2 512	1 825	843	548	365	222	156	109	1.9
UNITS IN STRUCTURE										
1	4 468	611	1 120	810	852	509	321	140	105	3.1
2	2 124	767	681	333	145	81	51	62	4	1.9
3 and 4	1 694	879	450	205	64	44	15	17	20	1.5
5 to 9	1 212	459	471	191	59	15	—	17	—	1.8
10 to 19	389	214	113	38	18	6	—	—	—	1.4
20 or more	1 095	738	234	60	20	27	16	—	—	1.2
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—
COMPLETE BATHROOMS										
1 and 1 1/2	9 820	3 228	2 746	1 550	1 000	652	365	207	72	2.1
2 or more	308	31	120	49	63	25	13	7	—	2.6
None or also used by another household	842	476	180	53	46	35	22	—	30	1.4
HOUSEHOLD COMPOSITION										
Two-or-more-person households	7 314	...	3 069	1 637	1 158	682	403	236	129	2.9
Male head, wife present, no nonrelatives	5 298	...	2 177	1 246	867	471	292	153	92	2.9
Under 25 years	1 428	...	692	475	171	43	23	19	5	2.5
25 to 34 years	1 670	...	468	416	392	238	102	34	20	3.4
35 to 44 years	701	...	120	116	139	116	100	66	44	4.3
45 to 64 years	1 128	...	556	221	165	68	61	34	23	2.5
65 years and over	371	...	341	18	—	6	6	—	—	2.0
Other male head	600	...	293	166	77	34	6	20	4	2.5
Under 65 years	529	...	234	154	77	34	6	20	4	2.7
65 years and over	71	...	59	12	—	—	—	—	—	...
Female head	1 416	...	599	225	214	177	105	63	33	3.0
Under 65 years	1 265	...	479	216	204	172	98	63	33	3.2
65 years and over	151	...	120	9	10	5	7	—	—	2.1
One-person households	3 668	3 668	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	10 920	3 654	3 062	1 632	1 143	682	397	221	129	2.1
Less than 10 percent	941	226	347	131	136	63	25	13	—	2.2
10 to 14 percent	1 763	485	516	356	157	93	87	48	21	2.3
15 to 19 percent	2 077	558	551	397	280	138	84	43	26	2.4
20 to 24 percent	1 404	398	381	221	164	124	56	36	24	2.3
25 to 34 percent	1 628	687	351	177	181	106	61	38	27	1.9
35 percent or more	2 424	1 092	634	275	185	126	64	27	21	1.7
Not computed	683	208	282	75	40	32	20	16	10	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 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]

South Bend					South Bend				
	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	537	90	241	206	Vacant for rent	986	448	400	138
ROOMS					ROOMS				
1 to 3 rooms	9	5	4	-	1 room	37	26	8	3
4 rooms	108	8	24	76	2 rooms	126	65	54	7
5 rooms	165	27	99	39	3 rooms	290	163	91	36
6 rooms	130	28	75	27	4 rooms	257	66	139	52
7 rooms or more	125	22	39	64	5 rooms	134	79	48	7
					6 rooms	107	29	50	28
					7 rooms or more	35	20	10	5
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	526	87	237	202	With all plumbing facilities	887	398	351	138
Lacking some or all plumbing facilities	11	3	4	4	Lacking some or all plumbing facilities	99	50	49	-
BEDROOMS					BEDROOMS				
None and 1	-	-	-	-	None	57	42	15	-
2	126	14	14	98	1	403	247	99	57
3	282	60	180	42	2	360	124	169	67
4 or more	73	14	31	28	3 or more	156	52	75	29
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	23	3	7	13	1969 to March 1970	47	44	3	-
1960 to 1968	11	4	7	-	1960 to 1968	77	52	14	11
1950 to 1959	96	12	58	26	1950 to 1959	30	19	8	3
1949 or earlier	407	71	169	167	1949 or earlier	832	333	375	124
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	488	75	217	196	1	274	109	116	49
2 or more	49	15	24	10	2 to 4	449	186	202	61
					5 to 9	151	93	38	20
					10 to 19	66	25	33	8
					20 or more	46	35	11	-
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	34	14	10	10	Specified vacant for rent²	986	448	400	138
Warm-air furnace	432	76	211	145	Less than \$50	132	67	52	13
Built-in electric units	-	-	-	-	\$50 to \$59	162	29	105	28
Floor, wall, or pipeless furnace	5	-	5	-	\$60 to \$79	265	130	91	44
Other means	66	-	15	51	\$80 to \$99	186	97	62	27
None	-	-	-	-	\$100 to \$119	92	52	33	7
					\$120 to \$149	77	31	29	17
					\$150 to \$199	67	40	25	2
					\$200 or more	5	2	3	-
SALES PRICE ASKED					Median rent asked	\$75	\$80	\$69	\$73
Specified vacant for sale¹	473	70	211	192					
Less than \$5,000	57	5	21	31					
\$5,000 to \$9,999	224	32	79	113					
\$10,000 to \$14,999	103	21	54	28					
\$15,000 to \$19,999	41	5	28	8					
\$20,000 to \$24,999	28	3	17	8					
\$25,000 to \$34,999	16	4	12	-					
\$35,000 to \$49,999	-	-	-	-					
\$50,000 or more	4	-	-	4					
Median price asked	\$9 100	...	\$10 500	\$8 200					

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 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]

South Bend	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 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199 or more		
Total	473	281	103	41	28	16	4	986	294	265	186	169	67	5
PLUMBING FACILITIES														
With all plumbing facilities	420	221	121	14	50	14	-	919	298	248	134	225	-	14
Lacking some or all plumbing facilities	14	-	14	-	-	-	-	57	28	15	14	-	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	460	158	147	42	99	-	14
2	112	70	28	14	-	-	-	360	139	88	68	65	-	-
3	263	119	80	-	50	14	-	80	29	-	14	37	-	-
4 or more	59	32	27	-	-	-	-	76	-	28	24	24	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	23	2	8	5	8	-	-	47	13	-	-	10	21	3
1960 to 1968	3	-	-	3	-	-	-	77	19	8	14	20	16	-
1950 to 1959	96	41	15	18	6	16	-	30	-	13	3	11	3	-
1949 or earlier	351	238	80	15	14	-	4	832	262	244	169	128	27	2
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	274	72	65	55	58	24	-
2 to 4	...	...	...	...	...	...	...	449	150	141	92	60	6	-
5 to 19	...	...	...	...	...	...	...	217	41	59	36	49	27	5
20 or more	...	...	...	...	...	...	...	46	31	-	3	2	10	-
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	509	166	131	110	88	14	-
Some or no utilities included	...	...	...	...	...	...	...	477	128	134	76	81	53	5

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

Appendix A.—AREA CLASSIFICATIONS

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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.)

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

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

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

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

15 and 5 percent

15 percent

APPENDIX B—Continued

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

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

5 percent

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
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
VACANCY CHARACTERISTICS		Clothes dryer	5
Vacant for sale	20	Dishwasher	5
Vacant for rent	20	Home food freezer	5
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	
PLUMBING CHARACTERISTICS		in rent	20
Plumbing facilities	20	Value-income ratio	20
Complete bathrooms	15	Gross rent as percentage	
STRUCTURAL CHARACTERISTICS		of income	20
Complete kitchen		HOUSEHOLD CHARACTERISTICS	
facilities	20	Household composition	20
Access	20	Income	20
Units in structure	20		
Mobile home or trailer	20		
Year structure built	20		
Elevator in structure	5		

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

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

.
.

- 6 6-or-more-person household

Male Head Without Own Children Under 18

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

Female Head

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

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

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

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

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

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

Volume II.

METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

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

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

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

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

SPOKANE, WASH.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-207

A stylized, high-contrast illustration of a cityscape and residential area. The top left shows a cluster of tall, thin buildings representing a downtown skyline. Below and to the right, there is a dense collection of various house shapes, including single-story bungalows, two-story houses, and some with gabled roofs, representing a suburban or residential neighborhood. The entire scene is rendered in white and light gray against a dark, textured background.

1970
CENSUS OF
HOUSING

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

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THE CENSUS

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

HOUSING DIVISION

Arthur F. Young, Chief

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

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

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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
127	Manchester, N.H. SMSA
128	Mansfield, Ohio SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA
130	Memphis, Tenn.-Ark. SMSA
131	Meriden, Conn. SMSA
132	Miami, Fla. SMSA
133	Midland, Tex. SMSA
134	Milwaukee, Wis. SMSA
135	Minneapolis-St. Paul, Minn. SMSA
136	Mobile, Ala. SMSA
137	Modesto, Calif. SMSA
138	Monroe, La. SMSA
139	Montgomery, Ala. SMSA
140	Muncie, Ind. SMSA
141	Muskegon-Muskegon Heights, Mich. SMSA
142	Nashua, N.H. SMSA
143	Nashville-Davidson, Tenn. SMSA
144	New Bedford, Mass. SMSA
145	New Britain, Conn. SMSA
146	New Haven, Conn. SMSA
147	New London-Groton-Norwich, Conn. SMSA
148	New Orleans, La. SMSA
149	New York, N.Y. SMSA
150	Newark, N.J. SMSA
151	Newport News-Hampton, Va. SMSA
152	Norfolk-Portsmouth, Va. SMSA
153	Norwalk, Conn. SMSA
154	Odessa, Tex. SMSA
155	Ogden, Utah SMSA
156	Oklahoma City, Okla. SMSA
157	Omaha, Nebr.-Iowa SMSA
158	Orlando, Fla. SMSA
159	Owensboro, Ky. SMSA
160	Oxnard-Ventura, Calif. SMSA
161	Paterson-Clifton-Passaic, N.J. SMSA
162	Pensacola, Fla. SMSA
163	Peoria, Ill. SMSA
164	Petersburg-Colonial Heights, Va. SMSA
165	Philadelphia, Pa.-N.J. SMSA
166	Phoenix, Ariz. SMSA
167	Pine Bluff, Ark. SMSA
168	Pittsburgh, Pa. SMSA

Report number	Area
169	Pittsfield, Mass. SMSA
170	Portland, Maine SMSA
171	Portland, Oreg.-Wash. SMSA
172	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA
173	Provo-Orem, Utah SMSA
174	Pueblo, Colo. SMSA
175	Racine, Wis. SMSA
176	Raleigh, N.C. SMSA
177	Reading, Pa. SMSA
178	Reno, Nev. SMSA
179	Richmond, Va. SMSA
180	Roanoke, Va. SMSA
181	Rochester, Minn. SMSA
182	Rochester, N.Y. SMSA
183	Rockford, Ill. SMSA
184	Sacramento, Calif. SMSA
185	Saginaw, Mich. SMSA
186	St. Joseph, Mo. SMSA
187	St. Louis, Mo.-Ill. SMSA
188	Salem, Oreg. SMSA
189	Salinas-Monterey, Calif. SMSA
190	Salt Lake City, Utah SMSA
191	San Angelo, Tex. SMSA
192	San Antonio, Tex. SMSA
193	San Bernardino-Riverside-Ortáño, Calif. SMSA
194	San Diego, Calif. SMSA
195	San Francisco-Oakland, Calif. SMSA
196	San Jose, Calif. SMSA
197	Santa Barbara, Calif. SMSA
198	Santa Rosa, Calif. SMSA
199	Savannah, Ga. SMSA
200	Scranton, Pa. SMSA
201	Seattle-Everett, Wash. SMSA
202	Sherman-Denison, Tex. SMSA
203	Shreveport, La. SMSA
204	Sioux City, Iowa-Nebr. SMSA
205	Sioux Falls, S. Dak. SMSA
206	South Bend, Ind. SMSA
207	Spokane, Wash. SMSA
208	Springfield, Ill. SMSA
209	Springfield, Mo. SMSA
210	Springfield, Ohio SMSA

Report number	Area
211	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA
212	Stamford, Conn. SMSA
213	Steubenville-Weirton, Ohio-W. Va. SMSA
214	Stockton, Calif. SMSA
215	Syracuse, N.Y. SMSA
216	Tacoma, Wash. SMSA
217	Tallahassee, Fla. SMSA
218	Tampa-St. Petersburg, Fla. SMSA
219	Terre Haute, Ind. SMSA
220	Texarkana, Tex.-Ark. SMSA
221	Toledo, Ohio-Mich. SMSA
222	Topeka, Kans. SMSA
223	Trenton, N.J. SMSA
224	Tucson, Ariz. SMSA
225	Tulsa, Okla. SMSA
226	Tuscaloosa, Ala. SMSA
227	Tyler, Tex. SMSA
228	Utica-Rome, N.Y. SMSA
229	Vallejo-Napa, Calif. SMSA
230	Vineland-Millville-Bridgeton, N.J. SMSA
231	Waco, Tex. SMSA
232	Washington, D.C.-Md.-Va. SMSA
233	Waterbury, Conn. SMSA
234	Waterloo, Iowa SMSA
235	West Palm Beach, Fla. SMSA
236	Wheeling, W. Va.-Ohio SMSA
237	Wichita, Kans. SMSA
238	Wichita Falls, Tex. SMSA
239	Wilkes-Barre-Hazleton, Pa. SMSA
240	Wilmington, Del.-N.J.-Md. SMSA
241	Wilmington, N.C. SMSA
242	Worcester, Mass. SMSA
243	York, Pa. SMSA
244	Youngstown-Warren, Ohio SMSA
245	Caguas, P. R. SMSA
246	Mayagüez, P. R. SMSA
247	Ponce, P. R. SMSA
248	San Juan, P. R. 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†	— 9†	— 9	6, 16*, 24† 9	— —	— —	— —	— 9
Duration of vacancy	—	—	—	—	—	—	—	—	—	—
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†	—	—	—	—	9	—
Rent asked	—	—	—	10†	—	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

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

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GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

Derived figures (medians, etc.).—

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

INTRODUCTION—Continued

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

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

PROCESSING PROCEDURES

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

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

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

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

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Spokane, Wash.

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 207.]

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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	—	—
Spokane	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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| 3 | Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970 |
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| 5 | Rooms in Owner and Renter Occupied Housing Units: 1970 |
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| 15 | Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970 |
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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	57 054	2 526	5 227	7 429	8 535	7 696	11 739	6 495	5 010	1 838	559	14 100
ROOMS												
1 and 2 rooms	282	143	44	9	33	9	28	11	-	-	5	5 000
3 rooms	1 516	432	526	290	153	30	47	27	11	-	-	6 500
4 rooms	11 381	886	1 801	2 821	2 980	1 530	1 096	196	65	-	6	10 200
5 rooms	15 996	451	1 500	2 145	2 714	2 923	3 958	1 383	627	81	14	13 300
6 rooms	12 095	252	741	1 269	1 429	1 754	3 169	2 037	1 135	261	48	15 900
7 rooms	7 502	96	408	587	855	924	1 837	1 294	1 089	316	96	17 400
8 rooms or more	8 282	66	207	308	371	526	1 604	1 547	2 083	1 180	390	23 400
Median	5.5	4.3	4.7	4.8	4.9	5.3	5.7	6.3	7.1	7.5+	7.5+	...
PERSONS												
1 person	7 557	1 124	1 526	1 557	1 212	708	866	263	186	83	32	9 300
2 persons	18 179	803	2 115	2 909	3 127	2 546	3 240	1 643	1 204	437	155	12 600
3 persons	9 191	247	596	1 125	1 524	1 420	2 021	1 123	755	282	98	14 400
4 persons	9 316	146	357	788	1 195	1 363	2 320	1 415	1 238	399	95	16 800
5 persons	6 515	105	350	536	725	848	1 578	1 078	875	321	99	17 100
6 persons or more	6 296	101	283	514	752	811	1 714	973	752	316	80	16 800
Median	2.8	1.7	2.0	2.2	2.5	2.9	3.4	3.7	3.8	3.8	3.4	...
Units with roomers, boarders, or lodgers	1 012	42	108	135	119	184	224	102	68	30	-	13 900
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	56 819	2 421	5 181	7 412	8 519	7 682	11 718	6 489	5 005	1 833	559	14 100
0.50 or less	31 963	1 764	3 516	4 769	4 733	3 893	5 553	3 170	2 888	1 220	457	13 300
0.51 to 1.00	21 971	539	1 446	2 234	3 250	3 330	5 430	3 058	1 992	595	97	15 200
1.01 to 1.50	2 605	102	200	362	484	425	653	236	125	18	-	13 400
1.51 or more	280	16	19	47	52	34	82	25	-	-	5	12 900
Lacking some or all plumbing facilities	235	165	46	17	16	14	21	6	5	5	-	5 700
0.50 or less	169	80	32	10	16	9	16	6	-	-	-	5 400
0.51 to 1.00	66	25	14	7	-	5	5	-	5	5	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
BEDROOMS												
None and 1	2 987	797	835	645	316	117	152	64	37	-	24	7 100
2	17 598	1 026	2 680	4 033	3 727	2 582	2 467	670	318	54	41	10 700
3	23 070	531	1 168	2 239	2 958	3 654	6 237	3 297	2 308	553	125	15 700
4 or more	13 470	94	601	768	1 289	1 356	3 203	2 384	2 360	996	419	19 000
YEAR STRUCTURE BUILT												
1969 to March 1970	1 102	11	6	5	-	10	212	262	355	169	72	26 300
1965 to 1968	3 004	17	18	20	17	27	330	760	1 125	557	133	27 800
1960 to 1964	4 197	14	42	76	140	259	935	1 143	1 078	409	101	22 800
1950 to 1959	17 473	137	332	1 047	2 256	2 848	5 518	2 958	1 741	485	151	16 900
1940 to 1949	10 535	278	940	1 857	2 423	1 946	2 093	590	339	96	33	12 300
1939 or earlier	20 743	2 069	3 889	4 424	3 699	2 606	2 711	782	372	122	69	10 000
COMPLETE BATHROOMS												
1 and 1 1/2	43 827	2 389	4 970	7 000	8 118	6 932	9 427	3 520	1 292	161	18	12 300
2 and 2 1/2	10 632	25	161	222	448	741	2 094	2 858	3 032	888	163	22 800
3 or more	2 186	7	-	5	8	-	50	204	685	870	357	37 300
None or also used by another household	440	139	93	77	35	19	44	13	12	8	-	7 200
HOUSEHOLD COMPOSITION												
Two-or-more-person households	49 497	1 402	3 701	5 872	7 323	6 988	10 873	6 232	4 824	1 755	527	14 800
Male head, wife present, no nonrelatives	43 440	1 070	3 049	4 761	6 237	6 118	9 721	5 744	4 562	1 683	495	15 200
Under 25 years	1 360	55	112	244	291	292	233	92	32	5	4	12 300
25 to 34 years	7 214	166	259	622	919	1 151	2 063	1 044	771	197	22	16 100
35 to 44 years	9 321	72	395	641	956	1 222	2 195	1 782	1 422	490	146	18 200
45 to 64 years	18 908	402	1 278	2 011	2 904	2 518	4 171	2 403	2 013	910	298	15 400
65 years and over	6 637	375	1 005	1 243	1 167	935	1 059	423	324	81	25	11 500
Other male head	1 625	113	152	272	283	179	323	163	97	26	17	12 400
Under 65 years	1 287	72	104	209	211	125	286	154	88	26	12	13 500
65 years and over	338	41	48	63	72	54	37	9	9	-	5	10 600
Female head	4 432	219	500	839	803	691	829	325	165	46	15	12 000
Under 65 years	3 455	126	346	600	641	548	689	290	154	46	15	12 600
65 years and over	977	93	154	239	162	143	140	35	11	-	-	10 000
One-person households	7 557	1 124	1 526	1 557	1 212	708	866	263	186	83	32	9 300
Under 65 years	3 094	386	497	669	469	371	392	142	98	47	23	10 000
65 years and over	4 463	738	1 029	888	743	337	474	121	88	36	9	8 800
INCOME IN 1969												
Less than \$2,000	5 294	860	1 200	1 109	747	505	524	176	101	56	16	8 800
\$2,000 to \$2,999	2 994	372	668	592	589	234	390	39	67	38	5	9 400
\$3,000 to \$3,999	2 924	255	574	646	570	315	347	141	51	14	11	9 900
\$4,000 to \$4,999	2 599	186	397	588	526	351	356	115	59	16	5	10 600
\$5,000 to \$5,999	2 407	163	351	453	490	363	350	175	52	10	-	11 200
\$6,000 to \$6,999	2 918	162	359	528	506	494	568	187	74	31	9	12 000
\$7,000 to \$9,999	11 507	329	903	1 770	2 227	1 937	2 681	941	624	73	22	13 200
\$10,000 to \$14,999	15 782	164	596	1 389	2 167	2 514	4 170	2 679	1 703	346	54	16 300
\$15,000 to \$24,999	8 437	25	162	312	662	910	2 087	1 743	1 708	687	141	20 200
\$25,000 or more	2 192	10	17	42	51	73	266	299	571	567	296	30 900
Median	\$9 400	\$3 100	\$4 400	\$6 600	\$8 100	\$9 500	\$10 800	\$12 800	\$14 300	\$19 900	\$27 300	...
YEAR MOVED INTO UNIT												
1969 to March 1970	6 977	292	393	813	796	892	1 404	934	962	389	102	16 000
1968	4 714	247	256	494	509	665	980	687	567	244	65	16 100
1967	3 812	151	292	445	517	452	797	468	157	39	15 300	
1965 and 1966	6 553	296	559	672	890	840	1 309	868	764	291	64	15 100
1960 to 1964	9 692	308	649	1 306	1 306	1 153	2 108	1 550	1 027	480	121	16 100
1950 to 1959	15 770	475	1 294	1 966	2 792	2 474	3 647	1 684	1 001	313	124	13 900
1949 or earlier	9 567	791	1 781	1 924	1 799	1 216	1 370	378	232	53	23	10 400
HEATING EQUIPMENT												
Steam or hot water	3 084	11	52	164	202	246	471	488	790	472	188	24 100
Warm-air furnace	42 719	832	2 904	5 363	6 899	6 495	9 967	5 195	3 563	1 178	323	14 600
Built-in electric units	4 989	253	654	699	699	541	852	590	517	152	32	13 400
Floor, wall, or pipeless furnace	1 113	128	248	326	207	91	47	34	17	15	-	8 900
Other means	5 144	1 297	1 369	877	528	323	402	188	123	21	16	7 300
None	5	5	-	-	-	-	-	-	-	-	-	...
AIR CONDITIONING												
Room unit(s)	3 325	93	210	399	628	535	738	306	236	153</		

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied ¹	28 099	2 599	1 950	2 442	2 730	5 334	4 175	3 251	2 491	601	49	2 477	11
ROOMS													
1 room	1 881	1 219	302	113	44	49	45	15	16	-	17	61	50-
2 rooms	3 298	824	649	633	313	419	192	142	34	-	4	88	62
3 rooms	6 748	380	633	1 071	1 036	1 661	868	577	281	15	5	221	81
4 rooms	7 294	102	209	449	813	1 737	1 440	1 028	889	155	5	467	101
5 rooms	4 823	58	110	128	337	929	848	721	587	128	-	977	109
6 rooms	2 466	16	22	33	130	406	505	496	313	147	5	393	117
7 rooms	917	-	5	15	39	106	162	187	211	43	-	149	129
8 rooms or more	672	-	20	-	18	27	115	85	160	113	13	121	133
Median	3.7	1.6	2.5	2.9	3.5	3.8	4.2	4.4	4.5	5.5	...	4.9	...
PERSONS													
1 person	10 778	2 296	1 467	1 592	1 249	1 726	829	707	397	53	31	431	69
2 persons	7 550	233	354	562	849	1 706	1 325	1 003	864	173	5	476	98
3 persons	3 872	42	77	189	354	919	764	533	397	97	-	480	103
4 persons	2 892	11	22	52	147	488	592	518	418	134	8	502	116
5 persons	1 539	5	20	28	49	262	308	266	227	78	-	296	117
6 persons or more	1 468	12	10	19	82	233	337	224	188	66	5	292	114
Median	1.8	1.1	1.2	1.3	1.6	2.1	2.4	2.4	2.5	3.3	...	3.2	...
Units with roomers, boarders, or lodgers	722	29	31	33	75	170	104	143	83	25	-	29	102
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	25 927	1 059	1 638	2 280	2 698	5 310	4 166	3 246	2 491	596	49	2 394	95
0.50 or less	13 748	697	1 161	1 580	1 663	2 721	1 794	1 621	1 308	284	27	892	89
0.51 to 1.00	10 674	326	423	635	905	2 258	2 026	1 458	1 107	303	17	1 216	102
1.01 to 1.50	1 255	21	16	44	107	280	308	156	71	4	-	248	102
1.51 or more	250	15	38	21	23	51	38	11	5	5	5	38	83
Lacking some or all plumbing facilities	2 172	1 540	312	162	32	24	9	5	-	5	-	83	56-
0.50 or less	813	463	168	112	11	14	9	5	-	5	-	26	50-
0.51 to 1.00	1 350	1 073	144	50	21	10	-	-	-	-	-	52	50-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	9	4	-	-	-	-	-	-	-	-	-	5	...
BEDROOMS													
None	2 761	1 322	515	334	137	153	118	25	67	-	25	65	51
1	10 741	1 231	1 293	1 785	1 705	2 483	1 066	794	170	20	-	194	78
2	8 976	164	170	442	760	1 759	1 927	1 609	1 107	243	-	835	108
3 or more	5 737	-	83	36	298	701	970	910	995	359	17	1 368	123
YEAR STRUCTURE BUILT													
1969 to March 1970	1 001	187	31	85	26	51	34	126	350	92	-	19	138
1965 to 1968	1 576	13	-	10	28	59	241	391	602	152	5	75	151
1960 to 1964	1 605	29	9	29	62	159	307	368	316	98	25	203	129
1950 to 1959	4 436	77	47	130	176	700	940	769	476	158	10	953	113
1940 to 1949	3 906	80	130	200	352	958	825	535	269	29	-	528	99
1939 or earlier	15 575	2 213	1 733	1 988	2 086	3 407	1 828	1 062	478	72	9	699	77
ELEVATOR IN STRUCTURE													
4 floors or more	2 563	798	369	405	255	246	103	107	134	55	25	66	62
With elevator	1 664	456	237	272	172	186	83	107	87	19	25	20	65
Walk-up	899	342	132	133	83	60	20	-	47	36	-	46	56
1 to 3 floors	25 652	1 919	1 692	2 192	2 605	4 850	3 978	3 231	2 205	567	17	2 396	93
COMPLETE BATHROOMS													
1 and 1/2	24 355	973	1 504	2 237	2 547	5 268	3 986	2 956	2 292	363	33	2 196	94
2 or more	1 338	26	46	30	64	147	166	193	226	209	13	218	133
None or also used by another household	2 364	1 607	368	141	42	48	13	36	-	7	-	102	50-
INCOME IN 1969													
Less than \$2,000	6 714	1 604	878	894	770	1 115	496	327	238	57	5	330	68
\$2,000 to \$2,999	2 817	365	360	405	323	577	406	163	40	23	-	155	76
\$3,000 to \$3,999	2 468	147	146	225	316	710	362	235	168	18	-	141	88
\$4,000 to \$4,999	2 308	127	123	250	247	543	405	277	92	30	-	214	90
\$5,000 to \$5,999	2 169	92	125	146	282	467	372	283	122	15	-	265	93
\$6,000 to \$6,999	2 140	77	81	143	194	454	404	326	156	36	-	269	99
\$7,000 to \$9,999	4 604	109	148	255	343	870	890	798	470	45	23	653	106
\$10,000 to \$14,999	3 510	58	69	110	211	455	676	647	781	185	6	312	121
\$15,000 to \$24,999	1 148	20	15	14	32	122	152	180	344	142	5	122	146
\$25,000 or more	221	-	5	-	12	21	12	15	80	50	10	16	173
Median	\$4 700	\$2000-	\$2 300	\$2 800	\$3 900	\$4 500	\$6 100	\$7 100	\$9 700	\$12 100	...	\$6 500	...
YEAR MOVED INTO UNIT													
1969 to March 1970	15 579	1 221	892	1 187	1 288	3 017	2 426	2 168	1 859	477	15	1 029	98
1968	3 517	269	178	270	434	648	614	323	264	36	14	467	90
1967	2 322	169	180	225	273	451	361	214	125	15	-	309	86
1965 and 1966	2 463	254	219	231	243	555	287	252	99	25	13	285	84
1960 to 1964	2 243	373	254	263	216	475	251	114	127	19	4	147	77
1950 to 1959	1 232	167	103	179	114	237	147	73	37	7	-	168	77
1949 or earlier	701	153	92	53	85	80	79	41	7	-	-	111	69
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 973	337	236	241	295	348	232	105	136	38	5	...	76
10 to 14 percent	4 053	296	259	358	463	966	862	458	327	64	-	...	93
15 to 19 percent	4 086	182	161	314	389	856	704	731	620	124	5	...	104
20 to 24 percent	2 848	267	140	166	271	527	564	467	360	81	5	...	102
25 to 34 percent	4 026	559	295	323	351	813	599	584	390	106	6	...	90
35 percent or more	8 136	887	806	992	928	1 722	1 157	846	603	167	28	...	85
Not computed	2 977	71	53	48	33	102	57	60	55	21	-	2 477	88
AIR CONDITIONING													
Room unit(s)	1 810	59	53	149	130	229	261	268	393	74	19	175	115
Central system	733	46	30	44	51	61	53	53	211	98	15	71	146
None	25 514	2 501	1 835	2 215	2 472	5 173	3 851	2 864	1 914	407	12	2 270	89

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	64 793	6 209	3 477	3 406	2 975	2 782	3 411	13 248	17 520	9 301	2 464	9 300
ROOMS												
1 and 2 rooms	646	176	97	47	29	59	67	96	50	16	9	4 100
3 rooms	2 475	745	297	243	161	111	135	400	297	81	5	3 800
4 rooms	13 411	1 966	1 191	1 190	1 019	807	925	3 032	2 465	695	121	6 600
5 rooms	18 050	1 799	1 090	1 028	879	859	1 091	4 256	4 829	1 890	329	8 600
6 rooms	13 118	766	444	512	492	488	646	3 025	4 209	2 126	410	10 200
7 rooms or more	17 093	757	358	386	395	458	547	2 439	5 670	4 493	1 590	12 800
PERSONS												
1 person	9 115	3 969	1 272	850	609	482	447	915	407	118	46	2 500
2 persons	21 093	1 479	1 758	1 787	1 603	1 271	1 260	4 392	4 631	2 212	700	7 900
3 and 4 persons	20 583	480	317	505	699	1 175	1 475	4 758	6 946	4 223	957	11 300
5 persons	7 087	169	74	155	129	194	221	1 645	2 749	1 406	345	11 700
6 persons or more	6 915	112	56	109	111	136	308	1 538	2 787	1 342	416	12 000
Units with roomers, boarders, or lodgers	1 154	155	46	56	43	87	97	269	270	107	24	8 000
BEDROOMS												
Less than 3	24 903	4 524	2 169	2 017	1 580	1 530	1 580	5 665	4 151	1 343	344	6 400
3	25 297	1 498	843	1 000	1 009	822	1 290	6 010	7 995	3 997	833	10 100
4 or more	14 588	666	231	352	403	512	501	2 296	4 844	3 450	1 333	12 400
YEAR STRUCTURE BUILT												
1969 to March 1970	1 577	69	55	57	54	61	77	316	470	334	84	11 100
1960 to 1968	9 333	401	160	238	175	265	362	1 601	3 238	2 148	745	12 300
1950 to 1959	18 837	909	582	639	604	629	1 027	4 146	6 109	3 317	875	10 700
1949 or earlier	35 046	4 830	2 680	2 472	2 142	1 827	1 945	7 185	7 703	3 502	760	7 700
YEAR MOVED INTO UNIT												
1969 to March 1970	8 444	519	364	413	406	394	535	2 009	2 442	1 134	228	9 400
1968	5 594	325	170	218	204	348	348	1 471	1 776	645	218	9 700
1960 to 1967	22 721	1 533	947	937	730	889	1 184	4 589	6 941	3 891	1 080	10 400
1959 or earlier	28 035	3 644	2 106	1 886	1 600	1 262	1 331	4 897	6 516	3 671	966	8 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	52 753	3 468	1 995	2 510	2 192	2 003	2 695	11 910	15 531	8 090	2 359	9 900
Clothes dryer	43 512	2 137	1 405	1 608	1 549	1 653	1 930	9 620	13 750	7 522	2 376	10 700
Dishwasher	22 377	793	278	472	521	620	502	4 174	7 564	5 379	2 074	12 500
Home food freezer	34 466	2 312	1 467	1 500	1 283	1 086	1 484	7 189	10 722	5 790	1 713	10 500
Owned second home	6 773	368	220	232	311	139	175	1 484	1 896	1 565	730	12 100
With air conditioning	7 253	576	333	382	216	243	390	1 443	2 046	1 212	412	10 100
Room unit(s)	4 108	322	171	239	100	144	190	895	1 189	704	154	10 000
Central system	3 145	254	162	143	116	99	200	548	857	508	258	10 300
Automobiles available:												
1	28 363	2 652	2 158	2 184	1 917	1 796	1 978	6 741	6 438	2 100	399	7 700
2	24 567	501	311	477	671	673	1 036	5 100	9 032	5 341	1 425	11 900
3 or more	5 914	132	38	74	76	63	170	769	1 981	1 961	650	14 100
Renter occupied housing units	28 888	6 840	2 894	2 519	2 352	2 222	2 181	4 786	3 663	1 210	221	4 900
ROOMS												
1 room	1 891	1 056	261	133	111	48	36	117	85	39	5	2000-
2 rooms	3 298	1 438	466	306	241	207	158	315	142	20	5	2 500
3 rooms	6 802	2 032	832	724	642	511	504	839	568	135	15	3 700
4 rooms	7 463	1 237	791	757	636	704	675	1 304	1 012	277	70	5 400
5 rooms	5 023	660	293	392	377	479	422	1 135	876	316	73	6 700
6 rooms or more	4 411	417	251	207	345	273	386	1 076	980	423	53	7 900
PERSONS												
1 person	10 893	4 850	1 504	915	775	657	452	923	585	175	57	2 400
2 persons	7 743	1 146	780	773	743	648	690	1 422	1 126	340	75	5 700
3 and 4 persons	7 060	656	499	599	608	680	723	1 511	1 252	474	58	6 700
5 persons	1 621	90	61	121	132	117	144	440	316	113	17	8 000
6 persons or more	1 571	98	50	111	94	120	172	490	384	108	14	7 900
Units with roomers, boarders, or lodgers	737	244	60	93	108	61	55	85	25	6	-	3 700
BEDROOMS												
None	2 782	1 431	459	176	230	125	119	50	121	71	-	2000-
1	10 835	3 471	1 499	1 366	866	804	805	1 314	595	60	55	3 300
2	9 130	1 601	795	659	809	719	583	1 583	1 492	538	121	5 900
3 or more	6 146	594	357	429	590	396	533	1 483	1 281	410	73	7 400
YEAR STRUCTURE BUILT												
1969 to March 1970	1 001	325	103	59	52	36	58	97	169	66	36	4 300
1960 to 1968	3 219	420	142	227	213	239	262	666	694	286	70	7 500
1950 to 1959	4 491	423	272	325	373	393	426	1 033	858	339	49	7 100
1949 or earlier	20 177	5 672	2 377	1 908	1 714	1 554	1 435	2 990	1 942	519	66	4 100
YEAR MOVED INTO UNIT												
1969 to March 1970	15 837	3 570	1 586	1 369	1 413	1 354	1 239	2 608	2 006	584	108	5 000
1968	3 640	596	294	302	306	290	331	765	606	132	18	6 100
1960 to 1967	7 286	1 905	681	622	456	525	487	1 255	888	395	72	5 000
1959 or earlier	2 124	759	275	122	156	76	126	296	193	112	9	3 200
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied:												
Less than 15 percent	28 099	6 714	2 817	2 468	2 308	2 169	2 140	4 604	3 510	1 148	221	4 900
15 to 19 percent	4 026	20	55	75	179	294	461	1 832	2 012	898	50	10 200
20 to 24 percent	4 086	38	72	180	371	603	582	1 222	895	118	5	7 500
25 to 34 percent	2 848	107	249	291	522	426	447	581	215	10	-	5 600
35 percent or more	4 026	509	752	912	702	483	308	284	76	-	-	3 800
Not computed	8 136	5 210	1 534	869	320	98	73	32	-	-	-	2000-
Not computed	2 977	830	155	141	214	265	269	653	312	122	16	5 600
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	12 560	1 477	851	1 288	1 055	1 037	1 085	2 659	2 211	728	169	6 500
Clothes dryer	9 796	1 172	484	1 016	795	925	894	2 012	1 750	649	99	6 400
Dishwasher	4 094	418	187	145	193	329	337	843	1 009	487	146	8 600
Home food freezer	4 050	311	246	319	357	412	307	988	718	337	55	7 200
Owned second home	1 189	83	62	105	177	83	17	173	286	103	100	8 200
With air conditioning	2 604	371	149	220	148	200	149	464	620	205	33	7 400
Room unit(s)	1 871	244	133	142	104	180	102	333	451	149	45	7 800
Central system	733	127	16	78	44	20	47	131	169	56	45	7 800
Automobiles available:												
1	14 742	2 140	1 159	1 448	1 472	1 513	1 397	3 021	2 031	509	52	5 800
2	5 447	284	206	279	378	451	487	1 398	1 339	498	127	8 400
3 or more	899	122	43	49	26	19	42	198	206	179	15	9 300

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

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

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

The SMSA	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	64 793	64 338	36 367	24 591	3 001	379	455	273	160	-	21
PERSONS											
1 person.....	9 115	8 871	8 813	58	-	-	244	190	54	-	-
2 persons.....	21 093	20 999	19 836	1 126	-	37	94	77	17	-	-
3 persons.....	10 301	10 264	5 005	5 238	15	6	37	6	31	-	-
4 persons.....	10 282	10 248	1 836	8 299	92	21	34	-	23	-	11
5 persons.....	7 087	7 058	877	5 621	506	54	29	-	29	-	-
6 persons or more.....	6 915	6 898	-	4 249	2 388	261	17	-	6	-	11
Median.....	2.7	2.7	2.0	4.2	6.3	7.1	1.4	1.2	2.8	-	...
Units with roomers, boarders, or lodgers.....	1 154	1 148	431	576	130	11	6	-	-	-	6
YEAR STRUCTURE BUILT											
1969 to March 1970.....	1 583	1 569	683	780	71	35	14	7	7	-	-
1965 to 1968.....	4 139	4 117	2 075	1 803	223	16	22	-	22	-	-
1960 to 1964.....	5 027	4 978	2 325	2 448	192	13	49	28	6	-	15
1950 to 1959.....	19 120	19 066	9 465	8 481	998	122	54	26	20	-	8
1940 to 1949.....	11 187	11 114	6 509	4 015	500	90	73	43	30	-	-
1939 or earlier.....	23 738	23 472	15 490	6 907	950	125	266	181	85	-	-
INCOME IN 1969											
Less than \$2,000.....	6 209	6 033	5 331	631	57	14	176	147	29	-	-
\$2,000 to \$2,999.....	3 477	3 420	2 911	460	45	4	57	41	16	-	-
\$3,000 to \$3,999.....	3 406	3 378	2 607	673	77	21	28	17	11	-	-
\$4,000 to \$4,999.....	2 975	2 975	2 270	615	75	15	-	-	-	-	-
\$5,000 to \$5,999.....	2 782	2 755	1 819	831	100	5	27	23	4	-	-
\$6,000 to \$6,999.....	3 411	3 361	1 884	1 221	216	40	50	5	33	-	12
\$7,000 to \$9,999.....	13 248	13 200	6 217	5 950	926	107	48	13	25	-	10
\$10,000 to \$14,999.....	17 520	17 490	7 314	9 035	1 028	113	30	15	15	-	-
\$15,000 to \$24,999.....	9 301	9 272	4 460	4 372	389	51	29	12	17	-	-
\$25,000 or more.....	2 464	2 454	1 554	803	88	9	10	-	10	-	-
Median.....	\$9 300	\$9 300	\$7 700	\$11 100	\$10 000	\$9 500	\$2 900	\$2000-	\$6 600	-	...
VALUE-INCOME RATIO Specified owner occupied ¹	57 054	56 819	31 963	21 971	2 605	280	235	169	66	-	-
Less than 1.5.....	24 057	23 995	11 181	11 186	1 470	158	62	25	37	-	-
1.5 to 1.9.....	10 939	10 923	5 380	4 988	499	56	16	16	-	-	-
2.0 to 2.4.....	6 582	6 567	3 504	2 704	338	21	15	5	10	-	-
2.5 to 2.9.....	4 005	3 950	2 608	1 183	138	21	55	36	19	-	-
3.0 to 3.9.....	3 991	3 981	3 025	890	62	4	10	-	-	-	-
4.0 or more.....	6 928	6 865	5 844	920	86	15	63	63	-	-	-
Not computed.....	552	538	421	100	12	5	14	14	-	-	-
HEATING EQUIPMENT											
Steam or hot water.....	3 577	3 577	2 155	1 311	107	4	-	-	-	-	-
Warm-air furnace.....	46 749	46 635	25 717	18 450	2 204	264	114	68	41	-	5
Built-in electric units.....	6 495	6 455	3 767	2 411	248	29	40	10	30	-	-
Floor, wall, or pipeless furnace.....	1 396	1 380	849	454	61	16	16	10	6	-	-
Other means.....	6 571	6 286	3 879	1 960	381	66	285	185	83	-	17
None.....	5	5	-	5	-	-	-	-	-	-	-
Renter occupied housing units	28 888	26 691	14 143	10 970	1 318	260	2 197	817	1 371	-	9
PERSONS											
1 person.....	10 893	8 872	8 263	609	-	-	2 021	805	1 216	-	-
2 persons.....	7 743	7 614	4 802	2 759	-	53	129	12	113	-	4
3 persons.....	4 050	4 008	849	3 037	113	9	42	-	42	-	-
4 persons.....	3 010	3 005	194	2 641	156	14	5	-	-	-	5
5 persons.....	1 621	1 621	35	1 299	229	58	-	-	-	-	-
6 persons or more.....	1 571	1 571	-	625	820	126	-	-	-	-	-
Median.....	2.0	2.1	1.4	3.2	5.9	5.4	1.0	1.0	1.1	-	...
Units with roomers, boarders, or lodgers.....	737	732	318	360	43	11	5	-	5	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	953	953	668	277	8	-	-	-	-	-	-
1965 to 1968.....	1 627	1 627	930	625	53	19	-	-	-	-	-
1960 to 1964.....	1 612	1 609	855	668	70	16	3	-	-	-	-
1950 to 1959.....	4 386	4 370	1 803	2 236	277	54	16	7	16	-	6
1940 to 1949.....	4 050	4 022	1 825	1 861	280	56	28	7	15	-	-
1939 or earlier.....	16 259	14 062	6 042	5 297	558	165	2 197	779	1 411	-	7
INCOME IN 1969											
Less than \$2,000.....	6 840	5 418	3 885	1 391	109	33	1 422	540	882	-	-
\$2,000 to \$2,999.....	2 894	2 528	1 588	876	47	17	366	146	215	-	5
\$3,000 to \$3,999.....	2 519	2 431	1 221	1 049	144	17	88	19	69	-	-
\$4,000 to \$4,999.....	2 352	2 262	1 189	918	116	39	90	25	65	-	-
\$5,000 to \$5,999.....	2 222	2 151	1 038	969	130	14	71	49	22	-	-
\$6,000 to \$6,999.....	2 181	2 156	971	993	158	34	25	-	25	-	4
\$7,000 to \$9,999.....	4 786	4 706	1 977	2 297	381	51	80	26	50	-	4
\$10,000 to \$14,999.....	3 663	3 624	1 613	1 781	185	45	39	12	27	-	-
\$15,000 to \$24,999.....	1 210	1 194	528	618	48	-	16	-	16	-	-
\$25,000 or more.....	221	221	133	78	-	10	-	-	-	-	-
Median.....	\$4 900	\$5 300	\$4 300	\$6 300	\$6 700	\$6 300	\$2000-	\$2000-	\$2000-	-	...
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied ²	28 099	25 927	13 748	10 674	1 255	250	2 172	813	1 350	-	9
Less than 10 percent.....	1 973	1 801	907	758	95	41	172	38	130	-	4
10 to 14 percent.....	4 053	3 871	1 777	1 844	218	32	182	60	122	-	-
15 to 19 percent.....	4 086	3 931	1 829	1 857	209	36	155	37	118	-	-
20 to 24 percent.....	2 848	2 650	1 329	1 201	81	39	198	52	146	-	-
25 to 34 percent.....	4 026	3 583	1 945	1 408	205	25	443	154	289	-	-
35 percent or more.....	8 136	7 278	4 829	2 241	169	39	858	413	445	-	-
Not computed.....	2 977	2 613	1 132	1 365	278	38	164	59	100	-	5
HEATING EQUIPMENT											
Steam or hot water.....	7 094	5 354	3 555	1 711	61	27	1 740	629	1 107	-	4
Warm-air furnace.....	11 805	11 632	5 359	5 375	787	111	173	73	100	-	5
Built-in electric units.....	5 185	5 130	2 888	2 013	188	41	55	17	33	-	-
Floor, wall, or pipeless furnace.....	687	682	317	334	26	5	5	-	5	-	-
Other means.....	4 117	3 893	2 024	1 537	256	76	224	98	126	-	-
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 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	64 793	201	445	2 475	13 411	18 050	13 118	8 057	9 036	5.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	64 037	133	377	2 270	13 294	17 734	13 034	8 152	9 043	5.4
PERSONS										
1 person	9 115	112	299	1 121	3 172	2 528	1 094	517	272	4.5
2 persons	21 093	37	105	1 038	6 094	6 735	3 861	1 809	1 414	5.0
3 persons	10 301	6	15	156	2 106	3 007	2 342	1 414	1 255	5.5
4 persons	10 282	15	17	92	1 298	2 853	2 512	1 659	1 836	5.8
5 persons	7 087	9	9	36	506	1 657	1 759	1 346	1 765	6.3
6 persons or more	6 915	22	-	32	235	1 270	1 550	1 312	2 494	6.8
Median	2.7	1.4	1.2	1.6	2.1	2.5	3.2	3.7	4.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	64 338	142	357	2 414	13 302	17 983	13 070	8 050	9 020	5.4
0.50 or less	36 367	-	228	1 094	9 177	9 215	3 740	5 643	5 643	5.3
0.51 to 1.00	24 591	58	94	1 166	3 389	7 498	5 102	4 074	3 210	5.5
1.01 to 1.50	3 001	-	15	92	690	1 161	672	204	167	5.1
1.51 or more	379	84	20	62	46	109	26	32	-	4.0
Lacking some or all plumbing facilities	455	59	88	61	109	67	48	7	16	3.7
0.50 or less	273	-	71	27	89	48	27	7	11	3.9
0.51 to 1.00	160	54	11	28	15	19	21	7	5	3.0
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-
1.51 or more	22	5	6	6	5	-	-	-	-	...
BEDROOMS										
None and 1	4 118	196	380	1 970	1 154	263	117	19	19	3.3
2	20 785	-	-	701	10 686	7 367	1 463	366	202	4.4
3	25 297	-	-	1 407	9 890	9 157	3 330	1 513	1 513	5.6
4 or more	14 588	-	-	-	-	744	2 501	4 062	7 281	7.5
YEAR STRUCTURE BUILT										
1969 to March 1970	1 577	26	11	69	214	388	299	201	369	5.8
1960 to 1968	9 333	32	78	371	1 118	1 989	1 926	1 331	2 488	6.1
1950 to 1959	18 837	63	135	484	3 468	5 626	4 233	2 269	2 559	5.4
1949 or earlier	35 046	80	221	1 551	8 611	10 047	6 660	4 256	3 620	5.2
COMPLETE BATHROOMS										
1 and 1/2	50 044	140	361	2 241	12 978	15 785	9 886	5 207	3 446	5.1
2 or more	14 064	-	16	42	333	1 955	3 154	2 959	5 605	7.0
None or also used by another household	686	64	85	107	146	150	79	15	40	4.1
VALUE-INCOME RATIO										
Specified owner occupied ¹	57 054	104	178	1 516	11 381	15 996	12 095	7 502	8 282	5.5
Less than 1.5	24 057	41	80	554	4 985	6 835	5 084	3 184	3 294	5.4
1.5 to 1.9	10 939	7	11	158	1 727	2 998	2 512	1 712	1 818	5.7
2.0 to 2.9	10 587	36	19	272	1 732	2 776	2 454	1 433	1 865	5.7
3.0 or more	10 919	15	55	497	2 798	3 257	1 917	1 123	1 257	5.1
Not computed	552	5	13	35	139	130	128	50	52	5.1
Renter occupied housing units	28 888	1 891	3 298	6 802	7 463	5 023	2 601	998	812	3.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	26 108	500	2 368	6 275	7 609	4 922	2 597	999	838	4.0
PERSONS										
1 person	10 893	1 825	2 634	3 673	1 856	650	137	57	61	2.8
2 persons	7 743	57	527	2 345	2 757	1 405	380	147	125	3.8
3 persons	4 050	9	113	530	1 561	988	550	206	93	4.4
4 persons	3 010	-	19	156	925	929	625	162	194	4.9
5 persons	1 621	-	5	53	229	583	443	169	139	5.4
6 persons or more	1 571	-	-	45	135	468	466	257	200	5.8
Median	2.0	1.0	1.1	1.4	2.2	3.0	3.9	4.0	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	26 691	671	2 598	6 579	7 421	5 023	2 598	989	812	4.0
0.50 or less	14 143	-	1 986	3 543	4 586	2 055	1 064	401	508	3.8
0.51 to 1.00	10 970	609	460	2 782	2 471	2 500	1 315	522	291	4.2
1.01 to 1.50	1 318	-	113	156	331	431	208	66	13	4.6
1.51 or more	260	62	19	98	33	37	11	-	-	3.0
Lacking some or all plumbing facilities	2 197	1 220	700	223	42	-	3	9	-	1.4
0.50 or less	817	-	648	130	27	-	3	-	-	2.1
0.51 to 1.00	1 371	1 216	47	93	15	-	-	-	-	1.1
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-
1.51 or more	9	4	5	-	-	-	-	-	-	...
BEDROOMS										
None	2 782	1 773	948	61	-	-	-	-	-	1.3
1	10 835	-	2 803	6 519	1 343	150	20	-	-	2.9
2	9 130	-	-	638	5 233	2 722	463	74	-	4.3
3 or more	6 146	-	-	-	193	2 306	2 042	821	784	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	1 001	22	220	317	282	115	41	4	-	3.3
1960 to 1968	3 219	53	216	813	1 194	484	270	74	115	3.9
1950 to 1959	4 491	60	359	760	1 193	1 122	646	180	171	4.4
1949 or earlier	20 177	1 756	2 503	4 912	4 794	3 302	1 644	740	526	3.7
COMPLETE BATHROOMS										
1 and 1/2	25 112	639	2 370	6 283	7 505	4 788	2 213	798	516	3.9
2 or more	1 383	12	96	75	143	140	384	211	322	6.1
None or also used by another household	2 392	1 314	688	297	47	14	18	14	-	1.4
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	28 099	1 881	3 298	6 748	7 294	4 823	2 466	917	672	3.8
Less than 10 percent	1 973	246	257	424	474	341	135	58	38	3.6
10 to 14 percent	4 053	194	374	920	1 146	749	417	144	109	4.0
15 to 19 percent	4 086	155	300	933	1 183	795	427	149	144	4.1
20 to 24 percent	2 848	205	304	617	864	377	300	88	93	3.8
25 to 34 percent	4 026	382	582	974	1 084	526	308	107	63	3.6
35 percent or more	8 136	595	1 310	2 552	1 979	976	437	204	83	3.3
Not computed	2 977	104	171	328	564	1 059	442	167	142	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	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	64 793	60 572	2 046	2 175	28 888	12 909	3 225	2 118	2 995	2 844	4 484	313
ROOMS												
1 room	201	113	14	74	1 891	86	18	52	199	190	1 342	4
2 rooms	445	217	55	173	3 298	270	129	305	634	649	1 209	82
3 rooms	2 475	1 644	271	560	6 802	1 419	739	950	1 288	1 113	1 211	82
4 rooms	13 411	11 900	707	804	7 463	3 677	1 186	610	634	714	528	114
5 rooms	18 050	16 954	640	456	5 023	3 498	828	177	191	144	163	22
6 rooms	13 118	12 828	197	93	2 601	2 219	284	15	44	9	21	9
7 rooms	8 057	7 987	60	10	998	962	26	5	5	5	5	5
8 rooms or more	9 036	8 929	102	5	812	778	15	9	5	5	5	5
Median	5.4	5.5	4.5	3.8	3.8	4.8	4.1	3.2	3.0	3.0	2.2	3.4
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	44 338	60 224	2 002	2 112	26 691	12 773	3 185	2 053	2 865	2 618	2 884	313
0.50 or less	36 367	33 613	1 456	1 098	14 143	5 648	1 535	1 237	1 897	1 759	1 901	166
0.51 to 1.00	24 591	23 276	506	809	10 970	6 005	1 449	760	895	785	949	127
1.01 to 1.50	3 001	2 817	40	144	1 318	971	174	39	46	58	19	11
1.51 or more	379	318	—	61	260	149	27	17	27	16	15	9
Lacking some or all plumbing facilities	455	348	44	63	2 197	136	40	65	130	226	1 600	—
0.50 or less	273	217	30	26	817	72	20	38	39	123	525	—
0.51 to 1.00	160	114	14	32	1 371	64	15	27	91	99	1 075	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	22	17	—	5	9	—	5	—	—	4	—	—
BEDROOMS												
None	294	129	83	82	2 782	68	48	199	481	371	1 615	—
1	3 824	3 028	445	351	10 835	2 137	1 045	1 222	1 892	1 835	2 590	114
2	20 785	18 570	1 194	1 021	9 130	5 170	1 481	626	593	579	476	205
3	25 297	24 487	292	518	4 557	3 731	693	22	47	19	25	20
4 or more	14 588	14 370	136	82	1 589	1 523	45	—	—	—	21	—
YEAR STRUCTURE BUILT												
1969 to March 1970	1 577	1 173	71	333	1 001	70	100	104	178	367	170	12
1965 to 1968	4 219	3 294	152	773	1 596	203	322	115	227	484	166	79
1960 to 1964	5 114	4 467	174	473	1 623	539	275	69	251	241	183	65
1950 to 1959	18 837	18 058	331	448	4 491	2 549	781	211	331	258	250	111
1940 to 1949	11 259	10 999	191	69	3 997	2 912	372	117	115	246	215	20
1939 or earlier	23 787	22 581	1 127	79	16 180	6 636	1 375	1 502	1 893	1 248	3 500	26
INCOME IN 1969												
Less than \$2,000	6 209	5 619	316	274	6 840	1 988	511	587	713	826	2 128	87
\$2,000 to \$2,999	3 477	3 168	138	171	2 894	1 088	266	273	355	262	620	30
\$3,000 to \$3,999	3 406	3 066	170	170	2 519	1 016	249	243	338	244	369	60
\$4,000 to \$4,999	2 975	2 723	119	133	2 352	1 047	358	131	286	283	231	16
\$5,000 to \$5,999	2 782	2 539	108	135	2 222	1 059	254	209	235	243	187	35
\$6,000 to \$6,999	3 411	3 092	126	193	2 181	1 103	358	120	228	204	141	27
\$7,000 to \$9,999	13 248	12 268	438	542	4 786	2 744	602	263	394	372	372	39
\$10,000 to \$14,999	17 520	16 740	383	397	3 663	2 057	456	232	324	296	279	19
\$15,000 to \$24,999	9 301	8 983	184	134	1 210	705	150	55	92	85	123	—
\$25,000 or more	2 464	2 374	64	26	221	102	21	5	30	29	34	—
Median	\$9 300	\$9 500	\$7 300	\$7 100	\$4 900	\$6 200	\$5 900	\$3 800	\$4 300	\$4 300	\$2 200	\$3 700
YEAR MOVED INTO UNIT												
1969 to March 1970	8 444	7 189	462	793	15 837	6 801	1 964	1 227	1 819	1 851	1 970	205
1968	5 594	4 963	207	424	3 640	1 825	448	224	319	304	479	41
1967	4 344	4 028	82	234	2 391	1 174	228	200	221	207	346	15
1965 and 1966	7 500	7 012	150	338	2 578	1 146	234	175	242	174	597	10
1960 to 1964	10 877	10 292	304	281	2 317	1 092	142	135	192	154	595	7
1950 to 1959	16 770	16 298	367	105	1 235	498	99	95	118	58	367	—
1949 or earlier	11 265	10 826	433	6	889	461	53	56	79	96	124	20
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	28 099	12 120	3 225	2 118	2 995	2 844	4 484	313
Less than \$50	...	...	...	...	2 599	286	110	132	265	317	1 461	28
\$50 to \$59	...	...	...	...	1 950	414	116	172	280	219	749	—
\$60 to \$69	...	...	...	...	2 442	561	219	290	355	351	645	21
\$70 to \$79	...	...	...	...	2 730	1 041	259	364	407	307	316	36
\$80 to \$99	...	...	...	...	5 334	2 696	576	557	659	385	387	74
\$100 to \$119	...	...	...	...	4 175	2 414	553	226	396	329	227	30
\$120 to \$149	...	...	...	...	3 251	1 712	307	168	345	461	229	29
\$150 to \$199	...	...	...	...	2 491	1 087	373	144	203	404	259	21
\$200 to \$299	...	...	...	...	601	310	91	32	34	43	81	10
\$300 or more	...	...	...	...	49	13	5	—	—	—	31	—
No cash rent	...	...	...	...	2 477	1 586	616	33	51	28	99	64
Median	...	...	...	...	\$91	\$102	\$101	\$82	\$84	\$90	\$60	\$94
HEATING EQUIPMENT												
Steam or hot water	3 577	3 194	383	—	7 094	416	213	345	1 173	1 182	3 760	5
Warm-air furnace	46 749	44 204	1 247	1 298	11 805	7 442	1 938	993	904	265	138	125
Built-in electric units	6 495	5 830	237	428	5 185	1 601	621	557	726	1 177	463	40
Floor, wall, or pipeless furnace	1 396	1 206	10	180	687	519	89	16	15	12	5	31
Other means	6 571	6 133	169	269	4 117	2 931	364	207	177	208	118	112
None	5	5	—	—	—	—	—	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	4 108	3 528	155	425	1 871	567	251	127	208	354	300	64
Central system	3 145	2 285	206	654	733	114	59	145	65	97	219	34
None	57 541	54 795	1 644	1 102	26 283	12 316	2 858	1 840	2 717	2 393	3 959	200
AUTOMOBILES AVAILABLE												
1	28 363	26 072	1 003	1 288	14 742	6 800	1 886	1 036	1 786	1 570	1 492	172
2	24 567	23 381	586	630	5 447	3 408	746	315	421	342	165	50
3 or more	5 914	5 701	106	107	899	646	57	45	49	47	48	7
None	5 950	5 454	310	186	7 799	2 143	479	716	734	685	2 773	69

¹Excludes 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	1 118	487	302	329	Vacant for rent	2 228	1 586	349	293
ROOMS					ROOMS				
1 to 3 rooms	58	19	10	29	1 room	448	334	89	25
4 rooms	211	102	47	62	2 rooms	367	273	33	61
5 rooms	335	150	76	109	3 rooms	553	391	91	71
6 rooms	214	91	80	43	4 rooms	481	341	74	66
7 rooms or more	300	125	89	86	5 rooms	258	193	28	37
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	1 097	487	285	325	6 rooms	67	35	18	14
Lacking some or all plumbing facilities	21	-	17	4	7 rooms or more	54	19	16	19
BEDROOMS					BEDROOMS				
None and 1	92	29	16	47	With all plumbing facilities	1 727	1 241	256	230
2	394	189	82	123	Lacking some or all plumbing facilities	501	345	93	63
3	287	81	122	84	BEDROOMS				
4 or more	201	26	114	61	None	580	477	69	34
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	349	200	100	49	1	956	627	161	168
1960 to 1968	72	19	43	10	2	650	409	147	94
1950 to 1959	144	88	29	27	3 or more	207	155	18	34
1949 or earlier	553	180	130	243	YEAR STRUCTURE BUILT				
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	1 041	441	286	314	1969 to March 1970	241	199	42	-
2 or more	77	46	16	15	1960 to 1968	85	82	3	-
HEATING EQUIPMENT					UNITS IN STRUCTURE				
Steam or hot water	61	16	24	21	1	644	399	108	137
Warm-air furnace	765	353	214	198	2 to 4	462	302	77	83
Built-in electric units	126	70	29	27	5 to 9	247	189	30	28
Floor, wall, or pipeless furnace	20	10	-	10	10 to 19	368	316	48	4
Other means	131	38	20	73	20 or more	507	380	86	41
None	15	-	15	-	RENT ASKED				
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	1 017	441	281	295	Specified vacant for rent ²	2 184	1 576	344	264
Less than \$5,000	150	14	38	98	Less than \$50	695	495	113	87
\$5,000 to \$9,999	199	77	43	79	\$50 to \$59	275	178	69	28
\$10,000 to \$14,999	142	67	40	35	\$60 to \$79	552	374	74	104
\$15,000 to \$19,999	162	126	24	12	\$80 to \$99	231	172	29	30
\$20,000 to \$24,999	131	55	59	17	\$100 to \$119	82	62	12	8
\$25,000 to \$34,999	166	72	57	37	\$120 to \$149	156	135	17	4
\$35,000 to \$49,999	53	30	16	7	\$150 to \$199	162	132	30	-
\$50,000 or more	14	-	4	10	\$200 or more	31	28	-	3
Median price asked	\$15 500	\$17 500	\$19 100	\$7 900	Median rent asked	\$64	\$66	\$59	\$63

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	1 017	349	142	162	131	166	67	2 184	970	552	231	238	162	31
PLUMBING FACILITIES														
With all plumbing facilities	821	304	140	150	60	104	63	1 763	572	517	174	281	173	46
Lacking some or all plumbing facilities	25	25	-	-	-	-	-	581	512	51	-	18	-	-
BEDROOMS														
None and 1	31	31	-	-	-	-	-	1 520	862	343	128	139	33	15
2	359	177	108	74	-	-	-	617	191	159	28	81	140	18
3	271	67	32	50	60	46	16	143	31	49	-	63	-	-
4 or more	185	54	-	26	-	58	47	64	-	17	18	16	-	13
YEAR STRUCTURE BUILT														
1969 to March 1970	313	-	-	64	85	114	50	241	39	-	-	48	130	24
1960 to 1968	64	5	3	14	14	21	7	85	6	8	3	54	14	-
1950 to 1959	135	25	42	35	23	5	5	155	17	58	32	39	5	4
1949 or earlier	505	319	97	49	9	26	5	1 703	908	486	196	97	13	3
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	600	209	204	101	74	9	3
2 to 4	...	...	...	...	...	...	...	462	145	169	37	54	39	18
5 to 19	...	...	...	...	...	...	...	615	252	93	57	98	109	6
20 or more	...	...	...	...	...	...	...	507	364	86	36	12	5	4
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	770	558	132	33	40	7	-
Some or no utilities included	...	...	...	...	...	...	...	1 414	412	420	198	198	155	31

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]

Spokane	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	40 134	70	140	1 186	9 170	11 565	7 776	5 134	5 093	3.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	39 845	59	139	1 049	9 166	11 441	7 671	5 229	5 091	5.3
PERSONS										
1 person	6 513	29	111	640	2 310	1 980	841	401	201	4.6
2 persons	13 902	16	21	473	4 221	4 606	2 407	1 254	904	5.0
3 persons	6 336	-	4	36	1 386	1 884	1 404	905	717	5.4
4 persons	5 652	5	-	26	846	1 556	1 277	940	1 002	5.8
5 persons	3 892	5	4	11	277	897	978	835	885	6.3
6 persons or more	3 839	15	-	-	130	642	869	130	1 384	6.8
Median	2.5	...	1.1	1.4	2.0	2.3	3.0	3.5	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	40 012	60	125	1 165	9 144	11 526	7 765	5 134	5 093	5.3
0.50 or less	24 243	-	102	619	6 505	6 552	4 646	2 560	3 259	5.2
0.51 to 1.00	13 965	19	15	509	2 232	4 332	2 705	2 436	1 717	5.5
1.01 to 1.50	1 665	-	4	26	391	601	404	122	117	5.2
1.51 or more	139	41	4	11	16	41	10	16	-	4.3
Lacking some or all plumbing facilities	122	10	15	21	26	39	11	-	-	4.1
0.50 or less	96	-	9	21	26	34	5	-	-	...
0.51 to 1.00	26	10	6	-	-	5	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	2 627	62	130	1 216	862	220	99	19	19	3.4
2	13 813	-	-	205	7 162	5 250	957	179	60	4.4
3	14 747	-	-	-	1 029	5 483	5 352	2 022	861	5.7
4 or more	8 878	-	-	-	-	473	1 655	2 592	4 158	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	346	11	5	6	70	81	64	21	88	5.5
1960 to 1968	3 109	5	10	30	275	650	612	572	955	6.5
1950 to 1959	11 199	19	11	108	2 510	3 424	2 357	1 352	1 418	5.4
1949 or earlier	25 480	35	114	1 042	6 315	7 410	4 743	3 189	2 632	5.2
COMPLETE BATHROOMS										
1 and 1 1/2	32 116	66	130	1 020	8 969	10 424	5 993	3 533	1 981	5.1
2 or more	7 758	-	9	29	197	1 017	1 678	1 710	3 118	7.1
None or also used by another household	260	6	19	54	51	84	33	-	13	4.5
VALUE-INCOME RATIO										
Specified owner occupied ¹	38 137	40	74	940	8 531	10 951	7 569	5 051	4 981	5.4
Less than 1.5	17 488	9	32	363	3 768	4 923	3 607	2 497	2 289	5.4
1.5 to 1.9	6 848	-	4	93	1 290	1 891	1 475	989	1 106	5.6
2.0 to 2.9	6 228	11	9	173	1 278	1 804	1 274	765	914	5.4
3.0 or more	7 239	15	24	290	2 078	2 249	1 163	772	648	5.0
Not computed	334	5	5	21	117	84	50	28	24	4.7
Renter occupied housing units	20 378	1 833	2 629	5 298	5 006	2 925	1 533	699	455	3.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	17 759	455	1 742	4 797	5 215	2 853	1 500	714	483	3.9
PERSONS										
1 person	9 245	1 772	2 244	2 992	1 498	526	114	43	56	2.7
2 persons	5 487	57	320	1 838	1 904	938	223	116	91	3.8
3 persons	2 443	4	54	327	905	615	358	151	29	4.4
4 persons	1 592	-	11	92	497	425	372	105	90	5.0
5 persons	794	-	-	37	134	228	220	111	64	5.5
6 persons or more	817	-	-	12	68	193	246	173	125	6.1
Median	1.7	1.0	1.1	1.4	2.0	2.5	3.7	3.9	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	18 245	630	1 943	5 086	4 974	2 925	1 533	699	455	3.8
0.50 or less	10 607	-	1 610	2 862	3 375	1 464	695	310	291	3.7
0.51 to 1.00	6 827	573	273	2 083	1 397	1 268	724	353	156	3.8
1.01 to 1.50	673	-	54	92	187	182	114	36	8	4.5
1.51 or more	138	57	6	49	15	11	-	-	-	2.6
Lacking some or all plumbing facilities	2 133	1 203	686	212	32	-	-	-	-	1.4
0.50 or less	791	-	634	130	27	-	-	-	-	2.1
0.51 to 1.00	1 333	1 199	47	82	5	-	-	-	-	1.1
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	9	4	5	-	-	-	-	-	-	...
BEDROOMS										
None	2 740	1 752	927	61	-	-	-	-	-	1.3
1	8 798	-	2 174	5 321	1 155	128	20	-	-	2.9
2	5 729	-	-	350	2 922	2 033	350	74	-	4.4
3 or more	3 110	-	-	-	102	894	1 158	507	449	6.0
YEAR STRUCTURE BUILT										
1969 to March 1970	622	22	177	177	166	60	16	4	-	3.1
1960 to 1968	1 522	53	129	463	623	139	55	5	55	3.7
1950 to 1959	2 201	41	159	489	622	421	255	113	101	4.2
1949 or earlier	16 033	1 717	2 164	4 169	3 595	2 305	1 207	577	299	3.5
COMPLETE BATHROOMS										
1 and 1 1/2	17 220	586	1 717	4 832	5 151	2 779	1 317	569	269	3.8
2 or more	864	12	91	37	98	74	183	155	214	6.2
None or also used by another household	2 294	1 297	668	282	26	14	7	-	-	1.4
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	20 354	1 833	2 629	5 298	5 002	2 919	1 533	694	446	3.6
Less than 10 percent	1 406	241	178	325	294	207	89	45	27	3.4
10 to 14 percent	2 904	190	273	696	771	512	274	109	79	3.9
15 to 19 percent	2 974	155	246	707	851	515	310	102	88	3.9
20 to 24 percent	2 217	205	251	495	624	291	210	83	58	3.8
25 to 34 percent	3 084	353	452	796	747	398	207	84	47	3.4
35 percent or more	6 528	595	1 095	2 019	1 467	771	338	190	53	3.3
Not computed	1 241	94	134	260	248	225	105	81	94	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.)

	Owner occupied				Renter occupied							Mobile home or trailer
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	
Spokane												
All occupied housing units	40 134	38 444	1 442	248	20 378	8 051	1 767	1 779	2 592	2 027	4 108	54
ROOMS												
1 room	70	45	10	15	1 833	50	10	47	199	181	1 342	4
2 rooms	140	79	35	26	2 629	150	92	237	541	451	1 128	30
3 rooms	1 186	951	183	52	5 298	931	607	812	1 128	761	1 049	10
4 rooms	9 170	8 580	497	93	5 006	2 345	641	532	521	507	450	10
5 rooms	11 565	11 068	451	46	2 925	2 069	326	136	154	118	122	—
6 rooms	7 776	7 611	149	16	1 533	1 377	81	10	44	9	12	—
7 rooms	5 134	5 091	43	—	699	684	10	—	5	—	—	—
8 rooms or more	5 093	5 019	74	—	455	445	—	5	—	—	5	—
Median	5.3	5.4	4.5	3.8	3.6	4.8	3.8	3.2	3.0	3.0	2.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	40 012	38 362	1 402	248	18 245	7 967	1 730	1 714	2 462	1 810	2 508	54
0.50 or less	24 243	23 025	1 061	157	10 607	3 744	1 003	1 091	1 676	1 330	1 723	40
0.51 to 1.00	13 965	13 582	316	67	6 827	3 222	662	582	750	442	760	9
1.01 to 1.50	1 665	1 626	25	14	673	545	50	24	17	22	15	—
1.51 or more	139	129	—	10	138	56	15	17	19	16	10	5
Lacking some or all plumbing facilities	122	82	40	—	2 133	84	37	65	130	217	1 600	—
0.50 or less	96	66	30	—	791	58	17	38	39	114	525	—
0.51 to 1.00	26	16	10	—	1 333	26	15	27	91	99	1 075	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	9	—	5	—	—	4	—	—
BEDROOMS												
None	142	40	83	19	2 740	47	48	199	481	350	1 615	—
1	2 485	2 079	364	42	8 798	1 524	895	1 015	1 695	1 316	2 307	46
2	13 813	12 966	701	144	5 729	3 315	810	428	455	345	376	—
3	14 747	14 533	196	18	2 273	2 172	81	—	20	—	—	—
4 or more	8 878	8 809	51	18	837	819	18	—	—	—	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	346	270	19	57	622	42	44	85	114	172	159	6
1965 to 1968	1 153	1 029	41	83	675	58	68	60	120	253	93	23
1960 to 1964	1 956	1 841	65	50	847	160	105	48	182	177	166	9
1950 to 1959	11 199	10 968	178	53	2 201	1 293	187	135	267	129	179	11
1940 to 1949	7 596	7 481	115	—	2 216	1 681	119	76	94	162	84	—
1939 or earlier	17 884	16 855	1 024	5	13 817	4 817	1 244	1 375	1 815	1 134	3 427	5
INCOME IN 1969												
Less than \$2,000	4 248	3 958	264	26	5 597	1 360	420	512	611	638	2 026	30
\$2,000 to \$2,999	2 414	2 279	118	17	2 290	769	178	259	321	194	584	5
\$3,000 to \$3,999	2 356	2 198	133	25	1 866	695	177	121	312	144	320	—
\$4,000 to \$4,999	2 160	2 053	98	9	1 708	724	197	121	267	181	218	—
\$5,000 to \$5,999	1 845	1 753	72	20	1 479	610	148	162	203	184	172	—
\$6,000 to \$6,999	2 136	2 026	90	20	1 466	759	142	103	178	155	118	11
\$7,000 to \$7,999	8 112	7 801	267	44	2 886	1 494	286	213	337	255	293	8
\$8,000 to \$8,999	9 989	9 712	220	57	2 278	1 226	167	176	280	195	234	—
\$10,000 to \$14,999	5 287	5 130	127	30	675	360	37	35	65	64	114	—
\$15,000 to \$24,999	1 587	1 534	53	—	133	54	15	—	18	17	29	—
\$25,000 or more	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$8 800	\$8 900	\$6 400	\$7 500	\$4 300	\$5 800	\$4 600	\$3 600	\$4 200	\$4 200	\$2 000	...
YEAR MOVED INTO UNIT												
1969 to March 1970	4 519	4 178	245	94	11 033	4 311	1 096	1 053	1 551	1 249	1 746	27
1968	2 984	2 834	125	25	2 314	1 052	186	165	275	224	406	6
1967	2 457	2 374	56	27	1 716	768	111	169	182	156	321	9
1965 and 1966	4 326	4 163	117	46	1 779	595	117	154	220	142	551	—
1960 to 1964	6 406	6 128	230	48	1 825	735	97	121	155	115	595	7
1950 to 1959	11 166	10 864	302	—	1 068	344	86	95	118	58	367	—
1949 or earlier	8 276	7 913	363	—	643	257	41	48	79	88	124	6
GROSS RENT												
Specified renter occupied ¹ .....	...	...	...	...	20 354	8 027	1 767	1 779	2 592	2 027	4 108	54
Less than \$50 .....	...	...	...	...	2 315	150	75	112	218	298	1 447	15
\$50 to \$59 .....	...	...	...	...	1 756	283	98	162	275	194	744	—
\$60 to \$69 .....	...	...	...	...	2 112	428	178	259	334	278	620	15
\$70 to \$79 .....	...	...	...	...	2 047	664	222	302	357	242	260	—
\$80 to \$99 .....	...	...	...	...	4 028	1 964	431	468	600	261	299	5
\$100 to \$119 .....	...	...	...	...	2 957	1 741	369	179	309	184	175	—
\$120 to \$149 .....	...	...	...	...	2 372	1 266	172	131	307	292	204	—
\$150 to \$199 .....	...	...	...	...	1 550	777	115	107	122	253	176	—
\$200 to \$299 .....	...	...	...	...	345	178	38	32	29	10	58	—
\$300 or more .....	...	...	...	...	44	8	—	—	—	—	31	—
No cash rent .....	...	...	...	...	828	568	64	27	41	15	94	19
Median .....	...	...	...	...	\$87	\$103	\$91	\$81	\$83	\$80	\$58	...
HEATING EQUIPMENT												
Steam or hot water	2 510	2 161	349	—	6 557	253	117	313	1 117	1 124	3 628	5
Warm-air furnace	31 454	30 417	885	152	8 314	5 130	1 075	926	845	206	117	15
Built-in electric units	2 109	1 964	124	21	2 557	629	251	342	465	560	310	—
Floor, wall, or pipeless furnace	865	829	5	31	406	303	59	16	15	—	—	8
Other means	3 191	3 068	79	44	2 544	1 736	265	182	150	137	48	26
None	5	5	—	—	—	—	—	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	2 428	2 281	101	46	1 315	338	153	99	196	229	292	8
Central system	1 778	1 593	122	63	601	69	35	145	58	89	205	—
None	35 928	34 580	1 215	133	18 462	7 655	1 546	1 561	2 326	1 714	3 613	47
AUTOMOBILES AVAILABLE												
1	18 298	17 418	697	183	9 710	4 039	967	859	1 537	1 046	1 228	34
2	14 067	13 649	386	32	3 306	2 041	329	239	344	223	130	—
3 or more	3 239	3 160	59	20	473	356	22	42	35	—	18	—
None	4 530	4 227	296	7	6 889	1 626	416	665	664	763	2 734	21

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

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

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

Spokane	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	40 134	6 513	13 902	6 336	5 652	3 892	2 112	1 092	635	2.5
BEDROOMS										
None and 1	2 627	1 352	1 089	96	34	32	24	—	—	1.5
2	13 813	3 034	7 251	1 887	1 042	359	167	73	—	2.0
3	14 747	1 256	4 426	3 108	3 089	1 713	809	275	71	3.0
4 or more	8 878	565	1 385	1 156	1 527	1 761	1 260	686	538	4.4
YEAR STRUCTURE BUILT										
1969 to March 1970	346	28	121	45	55	40	42	15	—	3.0
1965 to 1968	1 153	68	219	144	319	205	127	45	26	4.0
1960 to 1964	1 956	126	466	336	396	385	141	67	39	3.6
1950 to 1959	11 199	892	3 493	2 150	2 094	1 343	733	347	147	3.1
1940 to 1949	7 596	1 215	2 938	1 325	987	613	321	137	60	2.4
1939 or earlier	17 884	4 184	6 665	2 336	1 801	1 306	748	481	363	2.2
UNITS IN STRUCTURE										
1	38 444	5 906	13 175	6 174	5 534	3 864	2 093	1 067	631	2.5
2 or more	1 442	541	597	134	101	25	19	19	4	1.8
Mobile home or trailer	248	66	128	28	17	3	—	6	—	2.0
COMPLETE BATHROOMS										
1 and 1 1/2	32 116	6 156	11 614	5 036	4 146	2 690	1 417	696	361	2.4
2 and 2 1/2	6 390	320	1 701	1 109	1 277	1 002	495	276	210	3.6
3 or more	1 368	50	340	175	256	200	139	128	80	4.0
None or also used by another household	260	116	113	15	—	16	—	—	—	1.6
HOUSEHOLD COMPOSITION										
Two-or-more-person households	33 621	...	13 902	6 336	5 652	3 892	2 112	1 092	635	3.0
Male head, wife present, no nonrelatives	28 949	...	11 680	5 175	5 028	3 501	1 948	1 019	598	3.1
Under 25 years	1 046	...	298	398	208	102	34	5	—	3.0
25 to 34 years	4 152	...	386	756	1 312	943	504	178	73	4.2
35 to 44 years	5 517	...	472	551	1 374	1 366	903	555	296	4.8
45 to 64 years	12 955	...	5 892	2 983	2 071	1 032	492	271	224	2.7
65 years and over	5 279	...	4 641	487	63	58	15	10	5	2.1
Other male head	1 206	...	609	281	142	108	34	11	21	2.5
Under 65 years	924	...	408	226	126	98	34	11	21	2.7
65 years and over	282	...	201	55	16	10	—	—	—	2.2
Female head	3 466	...	1 613	880	482	283	130	62	16	2.6
Under 65 years	2 598	...	969	751	415	272	117	58	16	2.9
65 years and over	868	...	644	129	67	11	13	4	—	2.2
One-person households	6 513	6 513	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	38 137	5 833	13 074	6 131	5 488	3 849	2 083	1 054	625	2.5
Less than 1.5	17 488	918	5 609	3 531	3 138	2 077	1 207	621	387	3.1
1.5 to 1.9	6 848	600	2 281	1 100	1 198	887	456	213	113	3.0
2.0 to 2.4	3 870	461	1 443	604	537	458	209	92	66	2.6
2.5 to 2.9	2 358	516	1 023	247	243	136	90	55	28	2.1
3.0 to 3.9	2 510	762	1 071	311	156	110	61	26	13	2.0
4.0 or more	4 729	2 391	1 568	303	183	167	56	43	18	1.5
Not computed	334	185	79	35	13	14	4	4	—	1.4
Renter occupied housing units	20 378	9 245	5 487	2 443	1 592	794	471	205	141	1.7
BEDROOMS										
None	2 740	2 617	101	22	—	—	—	—	—	1.0
1	8 798	5 564	2 496	578	160	—	—	—	—	1.3
2	5 729	1 250	2 188	1 273	619	242	132	25	—	2.2
3 or more	3 110	170	418	684	847	455	327	114	95	3.8
YEAR STRUCTURE BUILT										
1969 to March 1970	622	336	247	25	10	—	4	—	—	1.4
1965 to 1968	675	272	308	35	40	15	5	—	—	1.7
1960 to 1964	847	326	366	46	66	23	10	—	—	1.8
1950 to 1959	2 201	625	602	406	291	153	96	24	4	2.3
1940 to 1949	2 216	526	617	541	310	145	42	27	8	2.4
1939 or earlier	13 817	7 160	3 347	1 390	875	458	314	144	129	1.5
UNITS IN STRUCTURE										
1	8 051	1 533	2 003	1 688	1 323	742	430	191	141	2.8
2	1 767	581	709	282	137	33	11	14	—	1.9
3 and 4	1 779	866	641	199	44	9	20	—	—	1.5
5 to 9	2 592	1 545	887	116	34	10	—	—	—	1.3
10 to 19	2 027	1 314	607	75	31	—	—	—	—	1.3
20 or more	4 108	3 372	625	83	23	—	—	—	—	1.1
Mobile home or trailer	54	34	15	—	—	—	5	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	17 220	6 835	5 279	2 287	1 422	721	369	178	129	1.8
2 or more	864	211	185	84	141	80	83	51	29	2.9
None or also used by another household	2 294	2 083	161	43	7	—	—	—	—	1.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	11 133	...	5 487	2 443	1 592	794	471	205	141	2.5
Male head, wife present, no nonrelatives	7 666	...	3 587	1 698	1 147	620	348	155	111	2.6
Under 25 years	2 423	...	1 279	843	238	50	13	—	—	2.4
25 to 34 years	2 087	...	578	423	526	308	138	66	48	3.6
35 to 44 years	2 952	...	137	153	235	192	145	54	36	4.3
45 to 64 years	1 352	...	815	222	143	70	46	35	21	2.3
65 years and over	852	...	778	57	5	—	6	—	6	2.0
Other male head	791	...	519	172	51	14	17	7	7	2.3
Under 65 years	704	...	448	156	51	14	17	7	7	...
65 years and over	87	...	71	16	—	—	—	—	—	2.5
Female head	2 676	...	1 381	573	394	160	106	43	19	2.6
Under 65 years	2 478	...	1 202	562	390	156	106	43	—	2.1
65 years and over	198	...	179	11	4	—	—	—	—	1.0
One-person households	9 245	9 245	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	20 354	9 245	5 478	2 439	1 592	789	465	205	141	1.7
Less than 10 percent	1 406	598	423	166	91	79	32	12	5	1.7
10 to 14 percent	2 904	906	942	471	292	119	96	35	43	2.1
15 to 19 percent	2 974	851	939	489	365	182	61	49	38	2.2
20 to 24 percent	2 217	891	573	323	203	112	68	23	10	1.9
25 to 34 percent	3 084	1 466	858	288	234	119	68	27	24	1.6
35 percent or more	6 528	4 017	1 443	485	288	137	100	48	11	1.3
Not computed	1 241	516	300	217	119	41	26	11	10	1.8

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 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]

Spokane					Spokane				
	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	671	266	156	249	Vacant for rent	1 694	1 195	271	228
ROOMS					ROOMS				
1 to 3 rooms	36	16	-	20	1 room	412	298	89	25
4 rooms	131	58	21	52	2 rooms	319	240	33	46
5 rooms	201	72	39	90	3 rooms	405	281	69	55
6 rooms	150	51	67	32	4 rooms	307	228	36	43
7 rooms or more	153	69	29	55	5 rooms	163	111	15	37
					6 rooms	54	27	13	14
					7 rooms or more	34	10	16	8
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	655	266	144	245	With all plumbing facilities	1 211	855	178	178
Lacking some or all plumbing facilities	16	-	12	4	Lacking some or all plumbing facilities	483	340	93	50
BEDROOMS					BEDROOMS				
None and 1	74	29	16	29	None	509	406	69	34
2	329	124	82	123	1	726	457	119	150
3	173	16	89	68	2	341	226	51	64
4 or more	121	26	67	28	3 or more	131	79	18	34
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	135	82	41	12	1969 to March 1970	92	88	4	-
1960 to 1968	11	-	6	5	1960 to 1968	65	62	3	-
1950 to 1959	81	41	21	19	1950 to 1959	100	87	9	4
1949 or earlier	444	143	88	213	1949 or earlier	1 437	958	255	224
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	630	245	151	234	1	425	268	72	85
2 or more	41	21	5	15	2 to 4	368	247	51	70
					5 to 9	210	152	30	28
					10 to 19	242	206	32	4
					20 or more	449	322	86	41
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	33	6	10	17	Specified vacant for rent ²	1 694	1 195	271	228
Warm-air furnace	496	201	129	166	Less than \$50	615	431	109	75
Built-in electric units	36	26	5	5	\$50 to \$59	224	136	60	28
Floor, wall, or pipeless furnace	16	10	-	6	\$60 to \$79	460	315	61	84
Other means	90	23	12	55	\$80 to \$99	171	121	20	30
None	-	-	-	-	\$100 to \$119	65	49	12	4
					\$120 to \$149	89	81	4	4
					\$150 to \$199	57	52	5	-
					\$200 or more	13	10	-	3
					Median rent asked	\$60	\$62	\$54	\$63
SALES PRICE ASKED									
Specified vacant for sale ¹	630	245	151	234					
Less than \$5,000	128	14	19	95					
\$5,000 to \$9,999	168	61	31	76					
\$10,000 to \$14,999	115	51	33	31					
\$15,000 to \$19,999	77	66	8	3					
\$20,000 to \$24,999	59	16	34	9					
\$25,000 to \$34,999	56	27	23	6					
\$35,000 to \$49,999	17	10	3	4					
\$50,000 or more	10	-	-	10					
Median price asked	\$10 800	\$14 700	\$13 900	\$6 300					

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]

Spokane	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
		\$10,000	\$14,999	\$19,999	\$24,999	\$34,999	or more		\$60	\$79	\$99	\$149	\$199	or more
Total	630	296	115	77	59	56	27	1 694	839	460	171	154	57	13
PLUMBING FACILITIES														
With all plumbing facilities	594	273	140	82	45	41	13	1 144	382	405	106	191	45	15
Lacking some or all plumbing facilities	25	25	-	-	-	-	-	563	512	51	-	-	-	-
BEDROOMS														
None and 1	13	13	-	-	-	-	-	1 235	779	273	60	93	15	15
2	312	164	108	40	-	-	-	341	115	117	28	51	30	-
3	173	67	32	16	45	13	-	80	-	49	-	31	-	-
4 or more	121	54	-	26	-	28	13	51	-	17	18	16	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	128	-	-	31	42	36	19	92	39	-	-	13	30	10
1960 to 1968	11	5	-	-	-	3	3	65	6	8	-	37	14	-
1950 to 1959	81	17	29	22	8	5	-	100	4	33	22	36	5	-
1949 or earlier	410	274	86	24	9	12	5	1 437	790	419	149	68	8	3
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	425	120	165	78	50	9	3
2 to 4	...	...	...	...	...	...	...	368	133	144	37	28	22	4
5 to 19	...	...	...	...	...	...	...	452	236	80	40	64	26	6
20 or more	...	...	...	...	...	...	...	449	350	71	16	12	-	-
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	646	487	112	21	19	7	-
Some or no utilities included	...	...	...	...	...	...	...	1 048	352	348	150	135	50	13

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

Appendix A.—AREA CLASSIFICATIONS

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

USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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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 are "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" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">a4. Block number</th> <th style="width:50%;">a5. Serial number</th> </tr> <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> </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><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____ <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>b. If "Yes"— Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p>	<p>B. Type of unit or quarters</p> <p><u>Occupied</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><u>Vacant</u></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p><u>Group quarters</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p>																						
<p>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>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>C. Vacancy status</p> <p><u>Year round—</u></p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p>																						
<p>H3. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p>	<p>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>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>H4. How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</p> <p><input type="radio"/> 1 room <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p>	<p>b. 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 _____ (Nearest dollar) (Week, half-month, year, etc.)</p>	<p>C/O <input type="radio"/> <input type="radio"/></p>																						
<p>H5. Is there hot and cold piped water in this building?</p> <p><input type="radio"/> Yes, hot and cold piped water in this building</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p>																								
<p>H6. Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p>																								
<p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p>																								
<p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (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 <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

APPENDIX B—Continued

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

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

5 percent

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

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

Male Head Without Own Children Under 18

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

Female Head

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

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

■ Series HC(1)-A.

GENERAL HOUSING CHARACTERISTICS

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

■ Series HC(1)-B.

DETAILED HOUSING CHARACTERISTICS

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

Volume II.

METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

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

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

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

■ Series PC(1)-A.

NUMBER OF INHABITANTS.

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

■ Series PC(1)-B.

GENERAL POPULATION CHARACTERISTICS

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

■ Series PC(1)-C.

GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume II.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

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

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

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

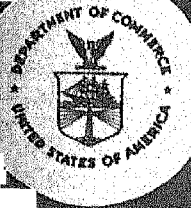
Sixth Count—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

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

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

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

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

SPRINGFIELD, ILL.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-208

1970 CENSUS OF HOUSING

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

BUREAU OF
THE CENSUS

U. S. DEPARTMENT OF COMMERCE

Peter G. Peterson, Secretary

James T. Lynn, Under Secretary

Harold C. Passer, Assistant Secretary for Economic Affairs
and Administrator,

Social and Economic Statistics Administration

BUREAU OF THE CENSUS

George Hay Brown, Director

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

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

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Systems and processing procedures were developed under the direction of Morris Gorinson, Assistant Chief, Demographic Census Staff. Florence Wright, assisted by Orville M. Slye and Erne Wilkins, was responsible for the clerical procedures and Roger O. Lepage, assisted by Howard N. Hamilton, William Norfolk, and Eleanor Banks, was responsible for the computer programming. Donald R. 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. Franczek also made important contributions.

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**SPRINGFIELD, ILL.
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

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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Springfield, Ill.

STANDARD METROPOLITAN STATISTICAL AREA

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MAP

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

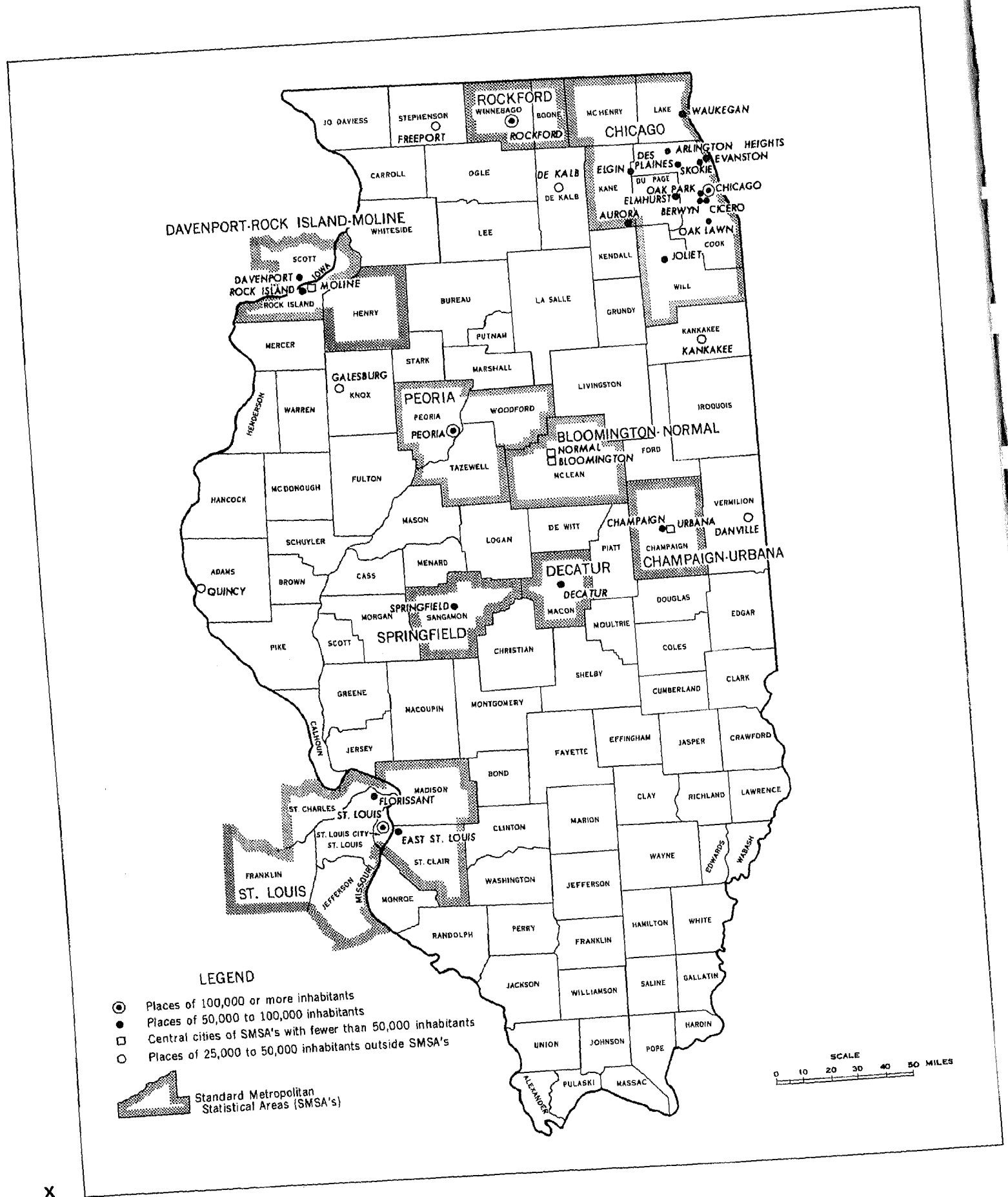


Table A-1. Value of Owner Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied ¹	30 969	1 308	2 249	3 164	4 153	3 683	6 313	4 017	3 805	1 683	594	15 600
ROOMS												
1 and 2 rooms	125	75	17	4	9	4	11	5	—	—	—	5000—
3 rooms	1 210	281	330	198	185	77	83	32	19	—	5	7 500
4 rooms	6 954	486	883	1 353	1 563	1 059	1 123	340	122	20	5	11 200
5 rooms	11 298	331	652	1 023	1 488	1 546	3 115	1 832	1 084	207	20	15 900
6 rooms	6 194	93	255	382	674	659	1 367	1 043	1 266	383	72	18 700
7 rooms	3 113	12	73	163	407	407	535	844	496	155	24 400	24 400
8 rooms or more	2 075	30	39	41	53	91	207	230	470	577	337	32 400
Median	5.1	4.1	4.4	4.5	4.7	5.0	5.1	5.4	6.0	7.0	7.5+	...
PERSONS												
1 person	4 332	422	663	768	676	480	709	283	192	106	33	11 200
2 persons	9 770	457	813	1 100	1 496	1 257	1 873	1 114	956	498	206	14 500
3 persons	5 159	137	307	470	783	656	1 029	695	751	244	87	15 900
4 persons	5 076	119	152	347	544	590	1 115	876	897	331	105	18 200
5 persons	3 228	64	115	208	330	323	808	574	522	246	38	18 600
6 persons or more	3 404	109	199	271	324	377	779	475	487	258	125	17 500
Median	2.8	2.0	2.1	2.2	2.4	2.7	3.1	3.4	3.5	3.5	3.2	...
Units with roomers, boarders, or lodgers	315	20	39	25	71	37	58	44	5	16	—	12 700
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	30 202	938	2 087	3 099	4 092	3 647	6 269	4 003	3 800	1 678	589	15 900
0.50 or less	15 388	521	1 285	1 794	2 233	1 871	2 781	1 696	1 799	1 005	403	15 000
0.51 to 1.00	12 631	311	627	1 026	1 550	1 481	2 901	2 070	1 854	630	181	17 100
1.01 to 1.50	1 841	91	139	211	232	252	522	217	134	43	—	15 000
1.51 or more	342	15	36	68	77	43	65	20	13	—	5	11 700
Lacking some or all plumbing facilities	767	370	162	45	61	36	44	14	5	5	5	5 200
0.50 or less	534	251	93	50	41	30	40	14	5	5	5	5 400
0.51 to 1.00	164	17	53	15	15	—	—	—	—	—	—	5 000
1.01 to 1.50	32	—	—	—	5	6	4	—	—	—	—	...
1.51 or more	37	21	16	—	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1	2 338	655	609	348	290	164	171	65	36	—	—	7 100
2	11 715	547	1 024	1 989	2 345	1 911	2 325	823	471	218	62	12 400
3	13 120	165	457	751	1 003	1 405	3 208	2 399	2 657	928	147	19 300
4 or more	3 688	—	143	199	306	244	638	665	566	649	278	22 400
YEAR STRUCTURE BUILT												
1969 to March 1970	535	5	—	—	16	11	45	94	173	149	42	30 600
1965 to 1968	3 007	15	35	27	61	68	440	644	1 087	494	136	27 000
1960 to 1964	3 287	30	42	70	141	175	674	801	996	274	84	23 200
1950 to 1959	6 716	123	183	462	748	938	1 790	1 122	861	322	167	17 500
1940 to 1949	3 992	90	234	322	737	678	1 068	433	233	158	39	14 800
1939 or earlier	13 432	1 045	1 755	2 283	2 450	1 813	2 296	923	455	286	126	11 700
COMPLETE BATHROOMS												
1 and 1/2	23 792	837	1 979	2 893	3 936	3 367	5 472	2 877	1 883	457	91	14 200
2 and 2 1/2	5 468	7	31	83	158	248	723	1 093	1 829	1 040	256	27 100
3 or more	587	—	—	—	6	6	24	12	94	169	276	48 400
None or also used by another household	1 151	477	288	123	91	68	71	26	—	—	7	5 900
HOUSEHOLD COMPOSITION												
Two-or-more-person households	26 637	886	1 586	2 396	3 477	3 203	5 604	3 734	3 613	1 577	561	16 400
Male head, wife present, no nonrelatives	23 906	678	1 381	2 097	2 979	2 854	5 052	3 469	3 407	1 458	531	16 700
Under 25 years	365	17	49	52	51	65	98	27	21	—	5	13 400
25 to 34 years	4 026	83	159	239	433	451	1 097	790	592	157	25	17 800
35 to 44 years	5 480	111	162	370	483	556	1 185	911	1 117	440	145	19 400
45 to 64 years	10 422	299	612	925	1 367	1 288	2 061	1 434	1 449	719	268	16 500
65 years and over	3 593	168	399	511	645	494	611	307	228	142	88	12 900
Other male head	659	66	49	55	43	83	148	53	50	24	17	13 900
Under 65 years	510	43	28	45	103	52	120	33	50	19	17	14 200
65 years and over	149	23	21	11	11	28	20	—	—	5	—	13 300
Female head	2 072	142	156	244	384	266	404	212	156	95	13	13 500
Under 65 years	1 440	89	99	174	241	200	288	136	129	75	9	14 000
65 years and over	632	53	57	70	143	66	116	76	27	20	4	12 400
One-person households	4 332	422	663	768	676	480	709	283	192	106	33	11 200
Under 65 years	1 698	138	221	254	255	206	355	104	103	57	5	12 300
65 years and over	2 634	284	442	514	421	274	354	179	89	49	28	10 500
INCOME IN 1969												
Less than \$2,000	2 313	412	477	493	328	175	207	97	45	59	20	8 900
\$2,000 to \$2,999	1 031	111	145	173	222	105	146	63	28	23	15	11 000
\$3,000 to \$3,999	1 240	114	192	240	224	177	159	86	38	10	—	10 800
\$4,000 to \$4,999	1 330	83	204	210	240	202	242	75	38	36	—	11 800
\$5,000 to \$5,999	1 353	83	136	214	263	220	260	76	57	25	16	12 400
\$6,000 to \$6,999	1 546	64	175	286	262	203	288	157	75	36	—	12 300
\$7,000 to \$9,999	5 903	249	469	681	1 179	799	1 337	678	391	86	34	13 700
\$10,000 to \$14,999	9 126	161	301	719	1 084	1 258	2 371	1 630	1 234	280	88	17 000
\$15,000 to \$24,999	5 512	30	140	146	319	461	1 155	961	1 502	697	101	22 600
\$25,000 or more	1 615	—	10	—	32	83	148	194	397	431	320	33 600
Median	\$10 400	\$4 200	\$5 800	\$6 900	\$8 400	\$9 900	\$11 100	\$12 400	\$15 000	\$19 100	\$27 600	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 493	83	105	132	140	246	489	407	499	310	82	20 600
1968	1 808	52	68	67	143	124	315	318	487	179	55	22 100
1967	1 724	57	103	90	171	243	314	283	253	155	55	17 900
1965 and 1966	3 732	78	134	245	383	418	758	609	781	258	68	19 000
1960 to 1964	5 799	173	270	443	679	519	1 456	889	896	342	130	17 600
1950 to 1959	8 172	310	699	929	1 305	1 233	1 657	991	652	249	147	14 200
1949 or earlier	7 270	568	919	1 193	1 370	906	1 301	511	236	173	93	11 700
HEATING EQUIPMENT												
Steam or hot water	2 127	47	117	155	235	176	416	347	334	215	85	18 800
Warm-air furnace	25 756	629	1 609	2 478	3 477	3 247	5 663	3 486	3 299	1 417	451	16 100
Built-in electric units	644	19	31	32	54	43	98	134	145	41	47	21 700
Floor, wall, or pipeless furnace	840	64	141	228	185	134	54	24	4	—	6	9 900
Other means	1 602	549	351	271	202	83	82	26	23	10	5	6 800
None	—	—	—	—	—	—	—	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	12 926	352	845	1 616	2 327	2 095	3 134	1 431	816	230	80	14 100
Central system	9 862	41	110	258	488	1 811	1 941	1 941	2 609	1 325	517	23 800
None	8 210	928	1 343	1 225	1 376	832	1 345	636	381	111	33	11 100

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	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied	17 127	1 165	922	1 195	1 469	2 896	2 776	2 766	2 308	660	82	881	163
ROOMS													
1 room	726	260	145	125	66	69	23	6	10	-	-	22	56
2 rooms	1 818	324	337	355	274	249	121	69	59	12	-	18	67
3 rooms	3 875	344	238	413	617	1 028	466	528	92	32	-	117	85
4 rooms	5 567	212	152	208	327	943	1 289	1 004	926	224	10	272	112
5 rooms	3 202	25	34	68	155	426	631	783	692	169	35	184	127
6 rooms	1 283	-	16	15	11	159	217	247	357	127	8	126	139
7 rooms	428	-	-	11	19	11	29	90	137	52	13	66	158
8 rooms or more	228	-	-	-	-	11	-	39	35	44	16	83	182
Median	3.9	2.5	2.4	2.8	3.1	3.6	4.1	4.3	4.6	4.9	...	4.6	...
PERSONS													
1 person	6 035	892	594	728	828	1 000	648	589	334	97	19	306	78
2 persons	4 603	132	148	273	375	928	762	751	729	207	18	280	108
3 persons	2 726	61	84	97	139	408	630	613	474	109	10	101	117
4 persons	1 854	42	28	61	68	264	384	441	364	112	18	72	123
5 persons	883	22	37	26	21	144	113	183	200	64	12	61	128
6 persons or more	1 026	16	31	10	38	152	239	189	207	71	5	68	119
Median	2.1	1.2	1.3	1.3	1.4	2.0	2.5	2.6	2.7	2.7	...	2.0	...
Units with roomers, boarders, or lodgers	310	-	4	-	11	59	20	80	90	8	-	38	136
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	16 175	893	672	1 067	1 410	2 857	2 741	2 734	2 284	653	82	782	164
0.50 or less	8 345	588	367	621	899	1 414	1 264	1 179	1 110	310	57	536	100
0.51 to 1.00	6 714	273	255	405	446	1 200	1 188	1 388	1 016	322	25	196	111
1.01 to 1.50	867	22	37	30	55	164	223	144	143	15	-	34	110
1.51 or more	249	10	13	11	10	79	66	23	15	6	-	16	98
Lacking some or all plumbing facilities	952	272	250	128	59	39	35	32	24	7	-	106	56
0.50 or less	483	103	128	76	43	35	15	9	4	7	-	63	58
0.51 to 1.00	422	169	116	47	16	4	5	23	16	-	-	26	53
1.01 to 1.50	42	-	6	5	-	-	15	-	4	-	-	12	-
1.51 or more	5	-	-	-	-	-	-	-	-	-	-	5	-
BEDROOMS													
None	1 083	197	171	272	188	150	42	42	-	-	-	21	66
1	6 332	742	537	849	809	1 422	823	722	212	64	-	152	82
2	6 906	204	167	191	242	891	1 694	1 453	1 185	498	21	360	119
3 or more	2 734	-	43	50	85	156	412	579	851	227	42	289	145
YEAR STRUCTURE BUILT													
1969 to March 1970	303	6	-	-	-	8	11	30	103	127	14	4	196
1965 to 1968	1 143	210	40	34	9	20	50	159	420	169	4	48	154
1960 to 1964	1 097	85	24	11	16	62	121	298	338	84	12	46	141
1950 to 1959	1 855	41	42	81	63	211	481	423	306	80	36	91	118
1940 to 1949	2 377	200	143	178	208	397	469	408	268	33	-	73	101
1939 or earlier	10 332	623	673	891	1 173	2 198	1 644	1 448	873	167	16	626	93
ELEVATOR IN STRUCTURE													
4 floors or more	516	265	21	-	-	-	63	42	18	86	-	21	50
With elevator	432	265	21	-	-	-	-	42	18	86	-	-	50
Walk-up	84	-	-	-	-	-	63	-	-	-	-	21	-
1 to 3 floors	16 539	878	897	1 362	1 324	2 619	2 908	2 754	2 230	703	63	801	105
COMPLETE BATHROOMS													
1 and 1/2	15 295	854	626	961	1 385	2 880	2 624	2 626	2 203	459	14	663	105
2 or more	639	20	6	28	12	22	22	72	107	158	74	129	189
None or also used by another household	1 195	281	297	159	100	95	41	56	45	-	-	121	59
INCOME IN 1969													
Less than \$2,000	2 636	575	344	286	265	401	191	184	141	23	4	222	70
\$2,000 to \$2,999	1 204	249	85	176	154	223	121	92	33	25	-	46	74
\$3,000 to \$3,999	1 426	121	172	184	163	292	184	143	77	14	-	76	82
\$4,000 to \$4,999	1 475	76	97	128	173	333	300	177	97	27	4	63	95
\$5,000 to \$5,999	1 418	54	70	109	157	311	320	211	106	21	-	59	99
\$6,000 to \$6,999	1 198	25	10	61	142	292	246	230	115	25	11	41	104
\$7,000 to \$9,999	3 467	35	78	176	263	583	708	823	493	109	11	188	114
\$10,000 to \$14,999	3 025	23	56	54	127	374	539	713	845	176	-	118	132
\$15,000 to \$24,999	1 048	-	10	21	25	78	155	174	315	188	13	69	154
\$25,000 or more	230	7	-	-	-	9	12	19	86	52	39	6	168
Median	\$6 400	\$2 000	\$3 200	\$3 700	\$4 900	\$5 600	\$7 100	\$8 300	\$10 500	\$12 400	...	\$5 600	...
YEAR MOVED INTO UNIT													
1969 to March 1970	7 196	247	259	368	493	1 313	1 144	1 395	1 348	396	47	186	114
1968	2 664	283	89	132	202	427	474	438	451	85	-	83	107
1967	1 405	101	114	118	118	234	226	228	168	38	5	62	100
1965 and 1966	1 859	145	129	196	149	316	361	279	152	31	13	88	97
1960 to 1964	1 961	191	172	189	222	294	272	247	175	44	17	138	88
1950 to 1959	1 214	85	103	89	169	235	156	113	56	23	6	179	86
1949 or earlier	830	103	63	63	144	167	54	54	5	-	-	177	77
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 472	142	144	171	199	263	264	130	127	19	13	...	84
10 to 14 percent	3 125	137	125	213	332	678	617	509	416	82	16	...	103
15 to 19 percent	3 312	193	124	171	243	536	590	711	558	174	12	...	113
20 to 24 percent	2 269	97	122	143	170	364	408	453	407	99	6	...	112
25 to 34 percent	2 375	200	69	152	140	436	451	437	359	132	5	...	109
35 percent or more	3 393	349	291	280	364	566	422	516	431	148	26	...	94
Not computed	1 181	47	53	65	21	53	24	10	10	6	4	888	67
AIR CONDITIONING													
Room unit(s)	6 938	260	226	348	532	1 238	1 295	1 426	1 083	173	6	351	111
Central system	1 839	8	-	40	18	64	106	267	740	399	73	124	174
None	8 352	887	703	760	947	1 684	1 286	1 061	532	45	9	438	88

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

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

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

The SMSA	Total	Less than	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000	Median
		\$2,000	to \$2,999	to \$3,999	to \$4,999	to \$5,999	to \$6,999	to \$9,999	to \$14,999	to \$24,999	or more	(dollars)
Owner occupied housing units	36 148	2 961	1 347	1 572	1 617	1 661	1 927	6 892	10 297	6 059	1 813	10 000
ROOMS												
1 and 2 rooms	206	84	16	13	-	10	21	39	23	-	-	3 200
3 rooms	1 785	478	141	166	177	105	145	290	169	99	15	4 600
4 rooms	8 890	1 093	486	574	598	662	593	2 085	2 040	684	75	7 600
5 rooms	12 606	796	426	506	530	530	670	2 693	4 217	1 942	296	10 200
6 rooms	6 854	337	171	188	176	210	302	1 126	2 189	1 652	503	12 100
7 rooms or more	5 807	173	107	125	136	144	196	659	1 659	1 682	926	14 100
PERSONS												
1 person	5 572	2 078	629	504	478	432	342	664	291	101	53	3 200
2 persons	11 779	668	534	786	753	792	816	2 399	2 898	1 545	588	8 900
3 and 4 persons	11 619	138	158	197	282	261	493	2 565	4 244	2 675	606	12 000
5 persons	3 544	23	26	37	41	78	131	651	1 422	862	273	12 800
6 persons or more	3 634	54	-	48	63	98	145	613	1 442	876	295	12 800
Units with roomers, boarders, or lodgers	386	70	38	4	35	36	40	92	51	11	9	6 300
BEDROOMS												
Less than 3	17 618	2 498	1 040	1 344	1 033	1 203	1 352	3 492	3 893	1 366	397	7 300
3	14 496	300	408	292	355	501	520	2 612	5 150	3 438	920	12 200
4 or more	4 034	138	74	41	185	107	139	521	1 059	1 274	496	13 800
YEAR STRUCTURE BUILT												
1969 to March 1970	786	11	10	26	23	9	45	130	303	181	48	12 300
1960 to 1968	7 759	215	129	180	186	273	332	1 409	2 642	1 835	558	12 200
1950 to 1959	7 247	371	166	191	248	257	311	1 420	2 374	1 502	407	11 400
1949 or earlier	20 356	2 364	1 042	1 175	1 160	1 252	1 239	3 933	4 978	2 541	802	8 600
YEAR MOVED INTO UNIT												
1969 to March 1970	3 189	102	43	89	97	119	144	623	1 172	626	174	11 600
1968	2 175	83	43	73	68	87	78	443	777	370	153	11 400
1960 to 1967	12 863	533	229	363	457	463	667	2 653	4 258	2 451	789	11 300
1959 or earlier	17 921	2 249	969	1 013	1 003	943	1 003	3 243	4 170	2 598	730	8 600
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	27 284	1 240	726	955	800	1 178	1 557	4 931	8 676	5 512	1 709	11 300
Clothes dryer	23 650	795	513	667	667	909	1 323	4 344	7 712	5 197	1 523	11 700
Dishwasher	7 833	183	136	189	22	153	186	704	2 534	2 658	1 068	14 600
Home food freezer	14 657	788	264	464	415	738	819	2 600	4 449	3 129	991	11 400
Owned second home	742	95	-	21	21	49	85	159	166	166	105	11 900
With air conditioning	26 034	1 192	766	947	989	1 029	1 258	4 919	7 949	5 308	1 677	11 200
Room unit(s)	15 294	916	598	711	728	754	856	3 440	4 637	2 162	492	9 700
Central system	10 740	276	168	236	261	275	402	1 479	3 312	3 146	1 185	13 400
Automobiles available:												
1	18 605	1 280	724	1 086	1 135	1 176	1 347	4 674	4 935	1 942	306	8 600
2	12 485	171	92	136	223	180	373	1 963	4 831	3 264	1 250	13 200
3 or more	1 733	7	25	-	4	20	29	136	438	806	268	17 600
Renter occupied housing units	18 226	2 705	1 281	1 472	1 546	1 520	1 285	3 708	3 274	1 161	274	6 500
ROOMS												
1 room	726	280	58	85	80	59	18	63	55	16	12	3 300
2 rooms	1 830	560	269	240	175	166	67	225	82	40	6	3 400
3 rooms	3 914	842	329	446	402	389	318	615	472	91	10	4 800
4 rooms	5 782	631	385	417	584	473	455	1 290	1 138	334	45	6 800
5 rooms	3 490	266	169	183	181	222	286	920	832	341	90	8 400
6 rooms or more	2 514	126	71	101	124	211	141	595	695	339	111	9 400
PERSONS												
1 person	6 113	1 965	695	615	620	546	337	741	430	124	40	3 600
2 persons	4 858	401	351	417	375	405	416	1 001	1 010	425	57	7 200
3 and 4 persons	4 989	221	140	304	383	389	388	1 365	1 229	439	131	8 500
5 persons	1 033	33	30	51	77	73	60	321	286	72	30	8 800
6 persons or more	1 233	85	65	85	91	107	84	280	319	101	16	8 100
Units with roomers, boarders, or lodgers	310	62	20	38	45	31	46	39	18	5	6	4 800
BEDROOMS												
None	1 083	388	147	151	85	35	65	63	106	21	22	3 000
1	6 456	1 528	726	765	627	469	348	931	795	224	47	4 300
2	7 154	549	358	540	568	554	703	1 957	1 276	569	80	7 500
3 or more	3 533	159	88	100	189	186	327	870	1 111	344	159	9 500
YEAR STRUCTURE BUILT												
1969 to March 1970	303	-	19	27	27	24	23	66	49	51	17	8 400
1960 to 1968	2 283	335	143	109	80	104	165	444	568	235	100	8 400
1950 to 1959	1 900	173	86	171	169	121	113	485	456	84	42	7 700
1949 or earlier	13 740	2 197	1 033	1 165	1 270	1 271	984	2 713	2 201	791	115	5 900
YEAR MOVED INTO UNIT												
1969 to March 1970	7 355	1 051	471	665	677	715	508	1 658	1 164	354	92	6 200
1968	2 759	332	187	199	249	197	161	670	595	158	11	7 200
1960 to 1967	5 586	846	359	372	506	493	379	1 046	1 049	442	94	6 600
1959 or earlier	2 526	516	224	200	136	221	176	312	478	190	73	5 800
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	17 127	2 636	1 204	1 426	1 475	1 418	1 198	3 467	3 025	1 048	230	6 300
Less than 15 percent	4 597	5	26	28	121	208	229	1 178	1 769	819	214	11 400
15 to 19 percent	3 312	5	95	183	228	323	368	1 114	845	147	4	8 200
20 to 24 percent	2 269	25	94	294	317	385	267	628	245	8	6	6 100
25 to 34 percent	2 375	144	297	455	511	340	246	329	48	5	-	4 600
35 percent or more	3 393	1 942	646	390	235	103	47	30	-	-	-	2000-
Not computed	1 181	515	46	76	63	59	41	188	118	69	6	3 400
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	6 799	415	289	280	340	513	589	1 757	1 841	636	139	8 700
Clothes dryer	5 474	251	208	187	238	385	572	1 346	1 580	547	160	9 000
Dishwasher	1 299	44	64	45	21	37	63	309	283	316	117	11 200
Home food freezer	2 336	118	82	109	151	241	160	487	627	299	62	8 900
Owned second home	288	95	42	46	-	-	-	82	61	20	-	...
With air conditioning	9 162	955	426	688	608	733	628	1 895	2 124	875	230	7 900
Room unit(s)	7 307	836	370	586	527	634	557	1 524	1 587	591	95	7 300
Central system	1 855	119	56	102	81	99	71	371	537	284	135	10 300
Automobiles available:												
1	10 319	903	539	811	997	1 114	879	2 492	1 932	549	103	6 900
2	3 091	86	36	99	122	155	162	814	989	516	112	10 400
3 or more	445	6	5	26	16	25	19	71	168	75	34	11 600

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

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

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

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	36 148	35 172	18 583	14 164	2 057	368	976	659	238	42	37
PERSONS											
1 person	5 572	5 175	5 171	4	--	--	397	385	12	--	--
2 persons	11 779	11 446	10 753	693	--	--	333	266	67	--	--
3 persons	6 022	5 940	2 033	3 897	5	5	82	8	67	7	--
4 persons	5 597	5 543	486	4 996	55	6	54	--	39	10	5
5 persons	3 544	3 492	140	2 989	321	42	52	--	42	10	--
6 persons or more	3 634	3 576	--	1 585	1 676	315	58	--	11	15	32
Median	2.6	2.7	1.9	4.0	6.4	7.5+	1.8	1.4	3.1	...	...
Units with roomers, boarders, or lodgers	386	369	200	128	31	10	17	--	12	5	--
YEAR STRUCTURE BUILT											
1969 to March 1970	787	765	330	394	28	13	22	13	9	--	--
1965 to 1968	3 822	3 782	1 431	2 121	224	6	40	27	13	--	--
1960 to 1964	3 937	3 898	1 518	2 056	281	43	39	26	6	7	--
1950 to 1959	7 328	7 257	3 337	3 315	516	89	39	29	25	--	7
1940 to 1949	4 218	4 104	2 164	1 640	275	25	114	91	17	6	--
1939 or earlier	16 056	15 341	9 777	4 678	715	171	715	464	197	33	21
INCOME IN 1969											
Less than \$2,000	2 961	2 635	2 381	205	34	15	326	277	42	7	--
\$2,000 to \$2,999	1 347	1 235	1 051	178	6	--	112	96	16	--	--
\$3,000 to \$3,999	1 572	1 491	1 241	210	33	7	81	41	30	--	10
\$4,000 to \$4,999	1 617	1 564	1 172	336	46	10	53	43	10	--	6
\$5,000 to \$5,999	1 661	1 608	1 205	306	76	21	53	33	21	--	6
\$6,000 to \$6,999	1 927	1 880	1 121	608	125	26	47	26	48	15	11
\$7,000 to \$9,999	6 892	6 743	3 127	3 091	431	94	149	75	58	9	6
\$10,000 to \$14,999	10 297	10 186	3 780	5 465	807	134	111	58	38	9	4
\$15,000 to \$24,999	6 039	6 015	2 461	3 073	426	55	44	10	19	11	4
\$25,000 or more	1 815	1 815	1 044	692	73	6	--	--	--	--	--
Median	\$10 000	\$10 200	\$8 100	\$12 000	\$11 700	\$10 400	\$3 600	\$2 500	\$6 300	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	30 969	30 202	15 388	12 631	1 841	342	767	534	164	32	37
Less than 1.5	13 258	12 921	5 108	6 439	1 152	222	337	160	115	25	37
1.5 to 1.9	5 884	5 800	2 720	2 667	362	51	84	74	10	--	--
2.0 to 2.4	3 632	3 571	1 748	1 608	177	38	61	46	15	--	--
2.5 to 2.9	2 266	2 233	1 365	779	73	16	33	33	4	--	--
3.0 to 3.9	2 126	2 079	1 358	673	48	15	47	43	4	--	--
4.0 or more	3 574	3 398	2 904	460	19	15	176	158	11	7	--
Not computed	229	200	185	5	10	--	29	20	9	--	--
HEATING EQUIPMENT											
Steam or hot water	2 674	2 620	1 629	874	102	15	54	41	13	--	--
Warm-air furnace	29 677	29 268	15 278	12 062	1 643	285	409	277	119	9	4
Built-in electric units	772	766	372	328	56	10	6	6	--	--	--
Floor, wall, or pipeless furnace	999	947	422	405	115	5	52	4	4	6	--
Other means	2 017	1 562	877	495	137	53	455	293	102	27	33
None	9	9	5	--	4	--	--	--	--	--	--
Renter occupied housing units	18 226	17 201	8 781	7 175	983	262	1 025	516	441	58	10
PERSONS											
1 person	6 113	5 459	5 010	449	--	--	654	400	254	--	--
2 persons	4 858	4 679	3 201	1 463	--	15	179	116	63	--	--
3 persons	2 911	2 829	467	2 321	41	--	82	--	77	5	--
4 persons	2 078	2 059	92	1 826	119	22	19	--	19	--	--
5 persons	1 033	1 004	11	748	195	50	29	--	18	6	5
6 persons or more	1 233	1 171	--	368	628	175	62	--	10	47	5
Median	2.1	2.2	1.4	3.2	6.0	7.1	1.3	1.1	1.4	...	...
Units with roomers, boarders, or lodgers	310	305	160	128	10	7	5	5	--	--	--
YEAR STRUCTURE BUILT											
1969 to March 1970	299	299	128	162	9	--	--	--	--	--	--
1965 to 1968	1 140	1 126	702	396	21	7	14	--	14	--	--
1960 to 1964	1 168	1 157	629	467	51	10	11	--	11	--	--
1950 to 1959	2 880	2 853	678	868	90	17	27	21	6	--	--
1940 to 1949	2 387	2 322	911	1 115	241	55	65	42	23	--	--
1939 or earlier	11 352	10 423	5 584	4 035	618	186	929	454	431	36	8
INCOME IN 1969											
Less than \$2,000	2 705	2 322	1 748	494	66	14	383	181	196	6	--
\$2,000 to \$2,999	1 281	1 156	772	319	59	6	125	84	26	15	--
\$3,000 to \$3,999	1 472	1 362	718	545	60	39	110	43	56	11	--
\$4,000 to \$4,999	1 546	1 439	747	545	120	27	107	70	32	--	5
\$5,000 to \$5,999	1 520	1 450	736	570	105	39	70	41	24	--	5
\$6,000 to \$6,999	1 285	1 242	622	538	58	24	43	13	19	11	--
\$7,000 to \$9,999	3 708	3 594	1 502	1 783	257	52	114	53	55	6	--
\$10,000 to \$14,999	3 274	3 222	1 241	1 746	191	42	52	20	27	5	--
\$15,000 to \$24,999	1 161	1 140	572	499	57	12	21	11	6	4	--
\$25,000 or more	274	274	123	136	10	5	--	--	--	--	--
Median	\$6 500	\$6 700	\$5 600	\$8 000	\$7 300	\$6 300	\$3 000	\$2 900	\$2 900	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	17 127	16 175	8 345	6 714	867	249	952	483	422	42	5
Less than 10 percent	1 472	1 341	587	656	59	39	131	46	81	4	--
10 to 14 percent	3 125	3 051	1 270	1 507	224	50	74	54	20	--	--
15 to 19 percent	3 312	3 192	1 403	1 568	194	27	120	72	48	--	--
20 to 24 percent	2 269	2 201	1 069	986	116	30	68	26	37	5	--
25 to 34 percent	2 375	2 284	1 228	915	103	33	91	71	20	--	--
35 percent or more	3 393	3 087	2 079	813	132	43	306	136	149	21	--
Not computed	1 181	1 019	689	269	39	22	162	78	67	12	5
HEATING EQUIPMENT											
Steam or hot water	4 804	4 372	2 654	1 502	181	35	432	198	229	5	--
Warm-air furnace	10 530	10 292	4 953	4 611	574	154	238	117	91	30	--
Built-in electric units	653	643	426	207	10	--	10	6	4	--	--
Floor, wall, or pipeless furnace	783	754	279	349	98	28	29	6	--	--	--
Other means	1 440	1 129	469	500	120	40	311	161	117	23	10
None	16	11	--	6	--	5	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 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	36 148	26	180	1 785	8 890	12 606	6 854	3 413	2 394	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	34 666	6	115	1 419	8 599	12 086	6 759	3 309	2 373	5.1
PERSONS										
1 person	5 572	16	130	780	1 957	1 623	583	295	188	4.5
2 persons	11 779	—	32	728	3 912	4 150	1 863	671	423	4.8
3 persons	6 022	5	12	158	1 644	2 162	1 168	563	310	5.1
4 persons	5 597	5	6	65	830	2 205	1 283	717	486	5.4
5 persons	3 544	—	—	42	331	1 364	948	501	358	5.5
6 persons or more	3 634	—	—	12	216	1 102	1 009	666	629	6.0
Median	2.6	...	1.2	1.7	2.1	2.7	3.3	3.7	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	35 172	9	112	1 609	8 567	12 340	6 768	3 402	2 365	5.1
0.50 or less	18 583	—	75	692	5 621	5 597	3 551	1 524	1 523	5.0
0.51 to 1.00	14 164	4	26	808	2 429	5 658	2 717	1 720	802	5.2
1.01 to 1.50	2 057	—	5	55	430	941	443	143	40	5.1
1.51 or more	368	5	6	54	87	144	57	15	—	4.7
Lacking some or all plumbing facilities	976	17	68	176	323	264	84	11	29	4.2
0.50 or less	659	—	55	88	248	176	63	5	24	4.3
0.51 to 1.00	238	12	6	78	45	73	13	6	5	4.0
1.01 to 1.50	42	—	7	10	10	5	10	—	—	...
1.51 or more	37	5	—	—	20	12	—	—	—	...
BEDROOMS										
None and 1	3 395	42	127	1 628	1 376	106	81	35	—	3.4
2	14 223	—	—	244	6 857	6 060	868	169	25	4.5
3	14 496	—	—	—	241	6 703	5 038	2 026	488	5.6
4 or more	4 034	—	—	—	—	82	830	1 284	1 838	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	786	5	5	23	181	217	114	116	125	5.3
1960 to 1968	7 759	5	10	215	1 350	2 849	1 552	998	780	5.3
1950 to 1959	7 247	—	34	268	1 959	2 894	1 383	485	224	5.0
1949 or earlier	20 356	16	131	1 279	5 400	6 646	3 805	1 814	1 265	5.0
COMPLETE BATHROOMS										
1 and 1/2	27 891	6	102	1 370	8 216	10 463	5 052	1 887	795	4.9
2 or more	6 843	—	19	55	408	1 636	1 707	1 429	1 589	6.3
None or also used by another household	1 414	16	74	331	470	345	127	25	26	4.1
VALUE-INCOME RATIO										
Specified owner occupied ¹	30 969	15	110	1 210	6 954	11 298	6 194	3 113	2 075	5.1
Less than 1.5	13 258	10	50	526	3 344	4 866	2 699	1 072	691	5.1
1.5 to 1.9	5 884	—	19	126	1 052	2 279	1 287	656	465	5.3
2.0 to 2.9	5 898	5	21	167	957	2 112	1 286	800	550	5.4
3.0 or more	5 700	—	20	368	1 523	1 965	890	570	364	5.0
Not computed	229	—	—	23	78	76	32	15	5	4.7
Renter occupied housing units	18 226	726	1 830	3 914	5 752	3 490	1 513	574	427	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	16 718	338	1 497	3 587	5 505	3 324	1 569	513	385	4.0
PERSONS										
1 person	6 113	703	1 439	2 163	1 309	372	86	32	9	2.9
2 persons	4 858	15	313	1 213	1 931	949	269	82	86	4.0
3 persons	2 911	—	46	362	1 351	685	266	134	67	4.3
4 persons	2 078	8	14	119	737	708	304	96	92	4.7
5 persons	1 033	—	18	37	201	412	231	84	50	5.1
6 persons or more	1 233	—	—	20	223	364	357	146	123	5.5
Median	2.1	1.0	1.1	1.4	2.3	3.1	3.9	3.9	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	17 201	472	1 566	3 744	5 552	3 417	1 484	559	405	4.0
0.50 or less	8 781	—	1 215	2 064	3 112	1 277	615	239	259	3.9
0.51 to 1.00	7 175	449	280	1 509	2 042	1 791	689	288	127	4.2
1.01 to 1.50	983	—	41	119	320	279	173	32	19	4.5
1.51 or more	262	23	32	52	78	70	7	—	—	3.8
Lacking some or all plumbing facilities	1 025	254	262	170	200	73	29	15	22	2.5
0.50 or less	516	—	224	99	128	44	6	9	6	2.8
0.51 to 1.00	441	254	33	66	46	14	12	—	16	1.4
1.01 to 1.50	58	—	5	—	21	15	11	6	—	...
1.51 or more	10	—	—	5	5	—	—	—	—	...
BEDROOMS										
None	1 083	762	279	42	—	—	—	—	—	1.2
1	6 456	—	1 614	3 554	1 140	148	—	—	—	3.0
2	7 154	—	—	331	4 428	2 025	310	42	18	4.2
3 or more	3 533	—	—	—	70	1 395	903	747	418	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	303	—	13	20	185	60	17	8	—	4.1
1960 to 1968	2 283	65	284	388	955	406	140	11	34	3.9
1950 to 1959	1 900	—	119	405	829	406	81	26	14	4.0
1949 or earlier	13 740	641	1 414	3 101	3 783	2 618	1 275	529	379	4.0
COMPLETE BATHROOMS										
1 and 1/2	16 251	435	1 487	3 583	5 458	3 206	1 455	401	226	4.0
2 or more	709	20	30	27	91	141	120	112	168	5.9
None or also used by another household	1 266	285	312	254	246	80	39	13	37	2.6
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	17 127	726	1 818	3 875	5 567	3 202	1 283	428	228	3.9
Less than 10 percent	1 472	126	164	344	416	283	87	52	—	3.7
10 to 14 percent	3 125	—	251	648	1 047	668	290	70	53	4.0
15 to 19 percent	3 312	—	292	666	1 186	714	250	98	27	4.0
20 to 24 percent	2 269	—	232	472	743	527	152	66	12	4.0
25 to 34 percent	2 375	—	253	618	839	327	203	41	28	3.8
35 percent or more	3 393	—	545	927	1 003	481	169	35	25	3.5
Not computed	1 181	84	81	200	333	202	132	66	83	4.2

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

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

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

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	36 148	33 019	1 448	1 681	18 226	8 417	2 828	2 544	1 803	1 236	1 016	388
ROOMS												
1 room	26	15	7	4	726	68	20	58	155	153	248	24
2 rooms	180	119	43	18	1 830	186	180	473	382	279	277	33
3 rooms	1 785	1 287	238	260	3 914	860	979	584	302	302	262	121
4 rooms	8 890	7 308	532	1 050	5 752	2 548	1 272	765	467	372	164	184
5 rooms	12 606	11 862	431	313	3 490	2 494	457	215	148	91	47	38
6 rooms	6 854	6 693	131	30	1 513	1 305	83	30	62	33	-	-
7 rooms	3 413	3 374	33	6	574	546	5	12	3	6	-	-
8 rooms or more	2 394	2 361	33	-	427	410	5	12	-	-	-	-
Median	5.1	5.2	4.3	4.0	4.0	4.7	3.8	3.3	3.1	3.1	2.4	3.6
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	35 172	32 143	1 390	1 639	17 201	8 023	2 769	2 394	1 644	1 076	930	363
0.50 or less	18 583	16 622	1 077	884	8 781	3 022	1 727	1 551	1 094	658	571	158
0.51 to 1.00	14 164	13 235	298	631	7 175	4 083	912	773	511	374	345	177
1.01 to 1.50	2 057	1 933	15	109	983	726	101	58	33	41	5	19
1.51 or more	368	353	-	15	262	192	29	12	6	3	9	11
Lacking some or all plumbing facilities	976	876	58	42	1 025	394	59	150	159	160	88	18
0.50 or less	659	595	39	25	516	216	38	102	76	57	17	10
0.51 to 1.00	238	207	14	17	441	115	21	43	83	103	71	5
1.01 to 1.50	42	37	5	-	58	53	-	5	-	-	-	-
1.51 or more	37	37	-	-	10	10	-	-	-	-	-	-
BEDROOMS												
None	42	42	-	-	1 083	68	83	169	279	186	256	42
1	3 353	2 484	525	344	6 456	1 729	1 045	1 418	1 146	473	519	126
2	14 223	12 585	677	961	7 154	3 849	1 384	741	493	317	157	213
3	4 496	4 108	105	283	2 743	2 363	149	41	109	62	-	19
4 or more	4 034	3 978	38	18	790	669	-	21	62	38	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	786	575	9	202	303	37	36	99	38	51	24	18
1965 to 1968	3 858	3 090	40	728	1 171	211	101	184	118	151	307	99
1960 to 1964	3 901	3 426	23	452	1 112	492	96	109	112	104	108	91
1950 to 1959	7 247	6 964	50	233	1 900	1 181	282	137	63	61	78	96
1940 to 1949	4 303	4 154	124	25	2 509	1 359	381	262	180	189	102	36
1939 or earlier	16 053	14 810	1 202	41	11 231	5 137	1 932	1 753	1 292	680	399	38
INCOME IN 1969												
Less than \$2,000	2 961	2 547	236	178	2 705	811	349	479	345	317	330	74
\$2,000 to \$2,999	1 347	1 133	125	89	1 281	476	169	215	171	119	115	16
\$3,000 to \$3,999	1 572	1 350	122	100	1 472	460	229	291	203	173	89	27
\$4,000 to \$4,999	1 617	1 415	114	88	1 546	568	299	238	195	117	92	37
\$5,000 to \$5,999	1 661	1 434	99	128	1 520	650	323	222	132	106	42	45
\$6,000 to \$6,999	1 927	1 680	96	151	1 285	609	214	206	70	77	61	48
\$7,000 to \$9,999	6 892	6 240	209	443	3 708	2 112	614	387	299	112	136	48
\$10,000 to \$14,999	10 297	9 629	248	420	3 274	1 900	492	345	268	133	97	39
\$15,000 to \$24,999	6 059	5 839	141	79	1 161	699	117	124	84	70	26	41
\$25,000 or more	1 815	1 752	58	5	274	132	22	37	36	12	30	5
Median	\$10 000	\$10 400	\$6 300	\$7 700	\$6 500	\$7 900	\$6 200	\$5 200	\$4 900	\$4 100	\$3 700	\$5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	3 189	2 604	96	489	7 355	3 143	1 130	1 183	669	608	369	253
1968	2 175	1 859	34	282	2 759	1 168	433	401	241	179	291	26
1967	2 034	1 795	57	182	1 504	733	257	168	154	95	77	20
1965 and 1966	4 318	3 888	76	354	1 985	960	263	231	240	138	113	40
1960 to 1964	6 511	6 091	112	308	2 097	964	432	300	134	150	75	42
1950 to 1959	8 295	7 867	349	79	1 381	720	207	134	160	108	52	-
1949 or earlier	9 626	8 876	738	12	1 145	605	127	167	118	47	76	5
GROSS RENT												
Specified renter occupied!	17 127	7 318	2 828	2 544	1 803	1 236	1 018	340				
Less than \$50	1 165	225	83	87	1 165	225	83	87	148	218	357	47
\$50 to \$59	922	218	132	151	922	218	132	151	172	136	102	11
\$60 to \$69	1 195	244	188	242	1 195	244	188	242	216	84	104	17
\$70 to \$79	1 469	296	345	434	1 469	296	345	434	183	122	61	28
\$80 to \$99	2 896	991	690	551	2 896	991	690	551	371	135	93	65
\$100 to \$119	2 776	1 472	617	246	2 776	1 472	617	246	228	94	54	65
\$120 to \$149	2 766	1 564	351	315	2 766	1 564	351	315	259	120	70	87
\$150 to \$199	2 308	1 248	248	272	2 308	1 248	248	272	164	276	81	19
\$200 to \$299	660	331	93	100	660	331	93	100	31	41	64	-
\$300 or more	82	39	13	4	82	39	13	4	4	-	22	-
No cash rent	888	690	68	42	888	690	68	42	27	10	41	-
Median	\$103	\$118	\$98	\$87	\$87	\$88	\$88	\$85	\$85	\$64	\$100	-
HEATING EQUIPMENT												
Steam or hot water	2 674	2 396	278	-	4 804	730	544	852	1 074	852	752	-
Warm-air furnace	29 677	27 189	1 087	1 401	10 530	5 770	2 060	1 447	553	251	183	266
Built-in electric units	772	745	9	18	653	198	41	84	113	127	65	25
Floor, wall, or pipeless furnace	999	888	22	89	783	525	43	47	39	-	9	20
Other means	2 017	1 801	52	164	1 440	1 083	140	114	24	6	9	64
None	9	-	-	9	16	11	-	-	-	-	-	5
AIR CONDITIONING												
Room unit(s)	15 294	13 645	816	833	7 307	3 167	1 248	1 048	735	499	433	177
Central system	10 740	10 201	218	321	1 855	520	304	421	135	240	180	55
None	10 114	9 134	428	552	9 064	4 606	1 297	1 115	866	586	440	154
AUTOMOBILES AVAILABLE												
1	18 605	16 579	781	1 245	10 319	4 973	1 778	1 488	907	520	391	262
2	12 485	11 871	289	325	3 091	2 005	364	314	146	124	85	51
3 or more	1 733	1 704	29	-	445	303	47	24	-	51	7	13
None	3 325	2 826	363	136	4 371	1 012	660	758	683	628	570	60

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	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		
		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	Under 65 years	65 years and over
Owner occupied housing units	36 148	628	4 616	5 926	11 781	4 436	544	184	1 707	754	2 230	3 342
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	35 172	618	4 570	5 891	11 556	4 278	528	172	1 654	730	2 128	3 047
0.50 or less	18 583	269	706	927	6 035	3 541	276	107	955	596	2 128	3 043
0.51 to 1.00	14 164	318	3 329	3 828	4 950	719	215	65	613	123	--	4
1.01 to 1.50	2 057	31	499	931	481	18	21	--	71	5	--	--
1.51 or more	368	--	36	205	90	--	16	--	15	6	--	--
Lacking some or all plumbing facilities	976	10	46	35	225	158	16	12	53	24	102	295
0.50 or less	659	10	10	--	98	95	10	5	22	24	95	290
0.51 to 1.00	238	--	14	20	92	63	6	--	31	--	7	5
1.01 to 1.50	42	--	--	10	25	--	--	7	--	--	--	--
1.51 or more	37	--	22	5	10	--	--	--	--	--	--	--
UNITS IN STRUCTURE												
1	33 019	395	4 186	5 754	11 169	4 006	531	167	1 494	690	1 807	2 820
2 or more	1 448	9	73	34	297	284	7	17	71	64	188	404
Mobile home or trailer	1 681	224	357	138	315	146	6	--	142	--	235	118
INCOME IN 1969												
Less than \$2,000	2 961	10	35	48	172	366	16	11	124	101	425	1 653
\$2,000 to \$2,999	1 347	--	10	17	49	452	9	16	86	79	166	463
\$3,000 to \$3,999	1 572	20	53	37	165	556	27	26	120	64	165	339
\$4,000 to \$4,999	1 617	39	59	57	248	413	43	23	203	54	243	235
\$5,000 to \$5,999	1 661	28	128	116	329	385	31	11	134	67	255	177
\$6,000 to \$6,999	1 927	84	209	161	527	309	31	22	170	72	246	96
\$7,000 to \$7,999	6 892	190	1 302	1 033	2 188	818	122	30	399	146	455	209
\$8,000 to \$9,999	10 297	236	2 056	2 530	3 995	632	140	29	290	98	183	108
\$10,000 to \$14,999	6 059	16	601	1 563	3 153	335	79	8	145	58	68	33
\$15,000 to \$24,999	1 815	5	163	364	955	170	46	8	36	15	24	29
\$25,000 or more	\$10 000	\$9 100	\$11 200	\$13 000	\$12 800	\$6 100	\$9 800	\$6 200	\$7 100	\$6 200	\$5 500	\$2 000
Median												
VALUE-INCOME RATIO												
Specified owner occupied ¹	30 969	385	4 026	5 480	10 422	3 593	510	149	1 440	632	1 698	2 634
Less than 1.5	13 258	198	1 668	2 595	6 208	1 089	279	53	432	178	418	140
1.5 to 1.9	5 884	73	1 020	1 340	1 950	589	79	14	286	105	262	166
2.0 to 2.4	3 632	57	690	740	1 023	483	46	16	151	49	179	198
2.5 to 2.9	2 266	9	336	403	539	304	59	11	137	71	161	236
3.0 to 3.9	2 126	28	232	236	359	383	27	18	159	66	273	345
4.0 or more	3 574	20	75	156	326	716	20	37	264	157	318	1 485
Not computed	229	--	5	10	17	29	--	--	11	6	87	64
Renter occupied housing units	18 226	1 679	2 776	1 548	2 351	768	445	73	2 228	245	3 921	2 192
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	17 201	1 646	2 757	1 504	2 203	710	433	59	2 190	240	3 520	1 939
0.50 or less	8 781	447	534	196	956	441	251	27	783	136	3 271	1 739
0.51 to 1.00	7 175	1 138	1 831	910	1 077	252	159	32	1 234	93	249	200
1.01 to 1.50	983	61	291	328	131	6	11	--	147	6	--	--
1.51 or more	262	--	101	70	39	9	12	--	26	5	--	--
Lacking some or all plumbing facilities	1 025	33	19	44	148	58	12	14	38	7	401	253
0.50 or less	516	--	9	6	64	19	6	5	7	5	226	174
0.51 to 1.00	441	28	5	16	63	39	6	9	16	5	175	79
1.01 to 1.50	58	5	--	17	21	--	--	--	15	--	--	--
1.51 or more	10	--	5	5	--	--	--	--	--	--	--	--
UNITS IN STRUCTURE												
1	8 417	818	1 894	1 249	1 662	319	244	27	993	82	685	444
2 to 4	5 372	616	654	204	414	252	90	21	686	71	1 597	767
5 to 19	3 039	171	158	60	192	101	76	15	446	71	1 203	546
20 or more	1 018	15	9	16	29	92	19	10	66	21	342	399
Mobile home or trailer	380	59	61	19	54	4	16	--	37	--	94	36
GROSS RENT												
Specified renter occupied ²	17 127	1 644	2 581	1 330	1 860	740	416	73	2 208	240	3 875	2 160
Less than \$50	1 165	18	22	15	61	42	--	--	105	10	284	608
\$50 to \$59	922	22	28	19	53	76	6	9	99	16	422	172
\$60 to \$69	1 195	57	51	26	102	35	37	--	139	20	465	263
\$70 to \$79	1 469	123	86	44	134	15	50	20	149	20	578	250
\$80 to \$89	2 896	330	307	182	283	170	59	6	501	58	710	290
\$90 to \$99	2 776	451	536	224	372	87	17	5	415	21	502	146
\$100 to \$119	2 766	396	661	237	302	91	71	6	377	36	459	130
\$120 to \$149	2 308	189	632	299	318	93	82	5	328	28	260	74
\$150 to \$199	660	15	160	152	95	33	28	6	64	10	70	27
\$200 to \$299	82	--	10	21	16	10	6	--	--	--	5	14
\$300 or more	888	43	88	111	124	88	60	16	31	21	120	186
No cash rent												
GROSS RENT AS PERCENTAGE OF INCOME												
BY INCOME												
Specified renter occupied ²	17 127	1 644	2 581	1 330	1 860	740	416	73	2 208	240	3 875	2 160
Less than \$5,000	6 741	368	271	176	283	341	105	34	1 196	132	2 007	1 828
Less than 20 percent	6 911	38	18	15	28	43	10	5	111	5	242	176
20 to 24 percent	730	41	48	18	29	62	17	4	118	9	242	142
25 to 34 percent	1 407	130	72	57	75	63	16	9	225	27	373	363
35 percent or more	3 213	144	112	55	131	127	37	9	690	70	954	884
Not computed	700	15	21	31	20	46	25	10	52	21	196	263
\$5,000 to \$9,999	6 083	930	1 150	482	632	229	182	27	779	66	1 370	236
Less than 20 percent	3 420	510	615	229	412	89	66	16	384	22	905	172
20 to 24 percent	1 280	272	281	99	66	53	20	--	177	18	264	30
25 to 34 percent	1 915	115	176	85	80	44	52	--	173	21	159	10
35 percent or more	180	10	29	16	16	18	16	--	35	5	16	14
Not computed	288	23	49	53	58	25	28	--	10	--	26	10
\$10,000 to \$14,999	3 025	307	878	437	558	109	66	6	198	36	357	73
Less than 20 percent	2 614	271	762	370	474	96	54	--	180	32	323	52
20 to 24 percent	245	25	86	40	40	5	6	--	18	4	21	--
25 percent or more	48	--	7	--	15	--	--	--	--	--	8	12
Not computed	118	11	23	27	29	8	6	--	6	6	141	23
\$15,000 or more	1 278	39	282	235	387	61	63	6	30	6	130	17
Less than 20 percent	1 184	39	276	226	351	52	51	6	--	--	--	6
20 to 24 percent	14	--	--	4	4	--	--	--	--	--	--	--
25 percent or more	5	--	6	5	--	9	12	--	5	--	11	--
Not computed	75	--	--	--	--	--	--	--	--	--	--	--

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 -----	36 148	5 572	11 779	6 022	5 597	3 544	1 837	1 055	742	2.6
BEDROOMS										
None and 1 -----	3 395	1 627	1 483	117	88	37	25	—	18	1.5
2 -----	14 223	3 045	6 460	2 607	1 401	423	155	112	20	2.1
3 -----	14 496	785	3 078	2 563	3 482	2 599	1 083	605	301	3.7
4 or more -----	4 034	355	451	489	627	608	420	458	626	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	786	47	227	122	177	125	59	15	14	3.5
1965 to 1968 -----	3 858	263	794	763	1 055	547	252	142	42	3.6
1960 to 1964 -----	3 901	205	1 021	730	852	553	347	132	61	3.5
1950 to 1959 -----	7 247	789	2 237	1 233	1 334	821	407	237	189	3.0
1940 to 1949 -----	4 303	603	1 526	793	639	374	194	103	71	2.5
1939 or earlier -----	16 053	3 665	5 974	2 381	1 540	1 124	578	426	365	2.2
UNITS IN STRUCTURE										
1 -----	33 019	4 627	10 552	5 520	5 344	3 409	1 788	1 037	742	2.7
2 or more -----	1 448	592	564	179	53	43	12	5	—	1.7
Mobile home or trailer -----	1 681	353	663	323	200	92	37	13	—	2.2
COMPLETE BATHROOMS										
1 and 1 1/2 -----	27 891	4 530	9 781	4 761	4 169	2 344	1 191	689	426	2.5
2 and 2 1/2 -----	6 147	359	1 507	1 061	1 204	1 027	542	258	189	3.6
3 or more -----	696	37	152	107	132	86	127	35	20	3.9
None or also used by another household -----	1 414	542	466	162	90	63	36	29	26	1.9
HOUSEHOLD COMPOSITION										
Two-or-more-person households -----	30 576	...	11 779	6 022	5 597	3 544	1 837	1 055	742	3.1
Male head, wife present, no nonrelatives -----	27 387	...	9 960	5 334	5 287	3 372	1 766	994	674	3.2
Under 25 years -----	628	...	242	254	117	10	—	—	5	2.8
25 to 34 years -----	4 616	...	409	898	1 659	1 012	430	150	58	4.1
35 to 44 years -----	5 926	...	406	855	1 562	1 330	802	551	420	4.6
45 to 64 years -----	11 781	...	5 275	2 726	1 799	980	517	293	191	2.7
65 years and over -----	4 436	...	3 628	601	150	40	17	—	—	2.1
Other male head -----	728	...	358	172	90	41	24	31	12	2.5
Under 65 years -----	544	...	248	118	78	33	24	31	12	2.7
65 years and over -----	184	...	110	54	12	8	—	—	—	2.3
Female head -----	2 461	...	1 461	516	220	131	47	30	56	2.3
Under 65 years -----	1 707	...	882	401	187	119	47	20	51	2.5
65 years and over -----	754	...	579	115	33	12	—	10	5	2.2
One-person households -----	5 572	5 572	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹ -----	30 969	4 332	9 770	5 159	5 076	3 228	1 706	998	700	2.8
Less than 1.5 -----	13 258	558	4 082	2 814	2 421	1 621	828	551	383	3.2
1.5 to 1.9 -----	5 884	428	1 861	918	1 208	733	364	225	147	3.2
2.0 to 2.4 -----	3 632	377	1 141	623	625	421	243	101	101	3.0
2.5 to 2.9 -----	2 266	397	762	272	392	233	126	57	27	2.5
3.0 to 3.9 -----	2 126	618	689	295	277	126	78	26	17	2.1
4.0 or more -----	3 574	1 803	1 176	233	153	89	67	33	20	1.5
Not computed -----	229	151	59	4	—	5	—	5	5	1.3
Renter occupied housing units -----	18 226	6 113	4 858	2 911	2 078	1 033	608	370	235	2.1
BEDROOMS										
None -----	1 083	976	46	—	61	—	—	—	—	1.1
1 -----	6 456	3 767	2 102	382	166	39	—	—	—	1.4
2 -----	7 154	1 059	2 527	2 082	990	227	178	91	—	2.5
3 or more -----	3 533	105	471	680	847	667	389	196	178	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	303	51	116	67	63	6	—	—	—	2.4
1965 to 1968 -----	1 171	450	325	202	105	75	4	4	6	1.9
1960 to 1964 -----	1 112	310	348	208	122	66	29	17	12	2.2
1950 to 1959 -----	1 900	480	551	385	291	103	64	26	—	2.4
1940 to 1949 -----	2 509	620	618	523	371	154	101	61	61	2.5
1939 or earlier -----	11 231	4 202	2 900	1 526	1 126	629	410	262	176	2.0
UNITS IN STRUCTURE										
1 -----	8 417	1 129	2 010	1 722	1 610	851	528	329	238	3.1
2 -----	2 828	1 060	997	463	192	75	16	14	11	1.9
3 and 4 -----	2 544	1 304	745	335	120	26	14	—	—	1.5
5 to 9 -----	1 803	1 043	522	125	75	16	11	5	6	1.4
10 to 19 -----	1 236	706	268	123	52	36	29	22	—	1.4
20 or more -----	1 018	741	229	27	6	10	5	—	—	1.2
Mobile home or trailer -----	380	130	87	116	23	19	5	—	—	2.2
COMPLETE BATHROOMS										
1 and 1 1/2 -----	16 251	5 340	4 367	2 530	1 976	933	579	313	213	2.1
2 or more -----	709	128	130	161	63	90	51	42	44	3.1
None or also used by another household -----	1 266	758	242	134	43	40	13	21	15	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households -----	12 113	...	4 858	2 911	2 078	1 033	608	370	235	2.9
Male head, wife present, no nonrelatives -----	9 122	...	3 229	2 265	1 672	904	524	312	216	3.1
Under 25 years -----	1 679	...	715	659	247	48	10	—	—	2.7
25 to 34 years -----	2 776	...	573	742	739	360	178	128	56	3.6
35 to 44 years -----	1 548	...	167	228	369	302	247	132	103	4.5
45 to 64 years -----	2 351	...	1 108	576	293	186	89	42	57	2.6
65 years and over -----	768	...	666	60	24	8	—	10	—	2.1
Other male head -----	518	...	328	73	80	20	5	—	—	2.3
Under 65 years -----	445	...	261	73	74	20	5	—	—	2.4
65 years and over -----	73	...	67	—	—	—	—	—	—	2.4
Female head -----	2 473	...	1 301	573	326	109	79	58	27	2.5
Under 65 years -----	2 228	...	1 113	536	312	109	79	58	21	2.5
65 years and over -----	245	...	188	37	14	—	—	—	6	2.2
One-person households -----	6 113	6 113	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied² -----	17 127	6 035	4 603	2 726	1 854	883	507	302	217	2.0
Less than 10 percent -----	1 472	407	472	321	138	68	22	21	23	2.2
10 to 14 percent -----	3 125	709	982	558	490	150	104	80	52	2.4
15 to 19 percent -----	3 312	901	823	676	442	271	118	46	35	2.4
20 to 24 percent -----	2 269	705	597	399	281	163	67	32	25	2.2
25 to 34 percent -----	2 375	925	638	376	201	78	75	42	13	1.9
35 percent or more -----	3 393	1 868	779	276	214	86	76	42	52	1.4
Not computed -----	1 181	520	312	120	88	67	45	12	17	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 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	320	82	146	92	Vacant for rent	1 268	514	379	375
ROOMS					ROOMS				
1 to 3 rooms	35	8	15	12	1 room	144	84	44	16
4 rooms	55	7	16	32	2 rooms	185	90	54	41
5 rooms	105	30	59	16	3 rooms	277	101	94	82
6 rooms	58	10	29	19	4 rooms	443	151	115	177
7 rooms or more	67	27	27	13	5 rooms	124	52	39	33
					6 rooms	55	11	28	16
					7 rooms or more	40	25	5	10
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	289	82	139	68	With all plumbing facilities	1 062	430	316	316
Lacking some or all plumbing facilities	31	-	7	24	Lacking some or all plumbing facilities	206	84	63	59
BEDROOMS					BEDROOMS				
None and 1	65	-	33	32	None	202	137	65	-
2	96	74	22	-	1	527	113	220	194
3	70	32	38	-	2	543	249	96	198
4 or more	55	33	-	22	3 or more	146	46	38	62
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	29	10	7	12	1969 to March 1970	151	16	17	118
1960 to 1968	81	15	48	18	1960 to 1968	67	32	28	7
1950 to 1959	25	12	8	5	1950 to 1959	98	70	7	21
1949 or earlier	185	45	83	57	1949 or earlier	952	396	327	229
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	284	61	146	77	1	373	143	115	115
2 or more	36	21	-	15	2 to 4	430	202	139	89
					5 to 9	138	63	41	34
					10 to 19	261	69	62	130
					20 or more	66	37	22	7
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	25	14	3	8	Specified vacant for rent ²	1 225	504	363	358
Warm-air furnace	252	68	126	58	Less than \$50	160	64	43	53
Built-in electric units	-	-	-	-	\$50 to \$59	92	27	30	35
Floor, wall, or pipeless furnace	11	-	3	8	\$60 to \$79	340	152	103	85
Other means	32	-	14	18	\$80 to \$99	206	107	68	31
None	-	-	-	-	\$100 to \$119	93	49	25	19
					\$120 to \$149	125	52	62	11
					\$150 to \$199	181	34	23	124
					\$200 or more	28	19	9	-
					Median rent asked	\$82	\$82	\$82	\$84
SALES PRICE ASKED									
Specified vacant for sale ¹	270	61	146	63					
Less than \$5,000	36	-	20	16					
\$5,000 to \$9,999	52	4	29	19					
\$10,000 to \$14,999	48	14	22	12					
\$15,000 to \$19,999	29	3	22	4					
\$20,000 to \$24,999	31	16	15	-					
\$25,000 to \$34,999	25	8	17	-					
\$35,000 to \$49,999	28	11	5	12					
\$50,000 or more	21	5	16	8					
Median price asked	\$14 900	...	\$15 500	...					

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

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

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

The SMSA	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	270	88	48	29	31	25	49	1 225	252	340	206	218	181	28
PLUMBING FACILITIES														
With all plumbing facilities	238	49	92	-	75	-	22	1 106	80	396	239	177	178	36
Lacking some or all plumbing facilities	32	32	-	-	-	-	-	280	141	104	-	35	-	-
BEDROOMS														
None and 1	65	65	-	-	-	-	-	729	184	351	157	35	-	-
2	80	-	60	-	20	-	-	543	-	116	67	144	178	36
3	70	16	32	-	22	-	-	83	35	33	15	-	-	-
4 or more	55	-	-	-	33	-	22	31	-	-	-	31	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	29	-	4	3	3	3	16	151	-	-	9	-	125	17
1960 to 1968	74	11	10	8	9	15	21	67	16	27	-	16	-	8
1950 to 1959	25	5	3	5	-	-	12	98	8	14	36	32	8	-
1949 or earlier	142	72	31	13	19	7	-	909	228	299	161	170	48	3
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	330	86	111	38	89	3	3
2 to 4	...	...	...	...	...	...	...	430	72	131	97	79	32	20
5 to 19	...	...	...	...	...	...	...	399	65	84	56	49	146	5
20 or more	...	...	...	...	...	...	...	66	29	14	15	8	-	-
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	526	166	155	102	81	22	-
Some or no utilities included	...	...	...	...	...	...	...	699	86	185	104	137	159	28

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)

Springfield	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 occupied	17 275	469	1 150	1 790	2 469	2 119	3 590	2 177	2 253	1 017	241	15 866
ROOMS												
1 and 2 rooms	38	23	6	—	4	—	—	5	—	—	—	...
3 rooms	702	131	203	126	125	30	66	11	10	—	—	7 800
4 rooms	3 612	153	434	675	905	567	630	180	58	10	—	11 500
5 rooms	6 371	120	311	620	927	923	1 800	958	596	105	11	15 700
6 rooms	3 418	36	136	249	363	409	702	549	760	199	15	18 300
7 rooms	1 874	—	31	106	107	145	262	323	545	292	63	24 400
8 rooms or more	1 260	6	29	14	38	45	130	151	284	411	152	32 600
Median	5.2	4.0	4.3	4.7	4.7	5.0	5.1	5.4	6.1	7.2	7.5+	...
PERSONS												
1 person	2 584	167	368	502	436	304	476	163	106	62	—	11 500
2 persons	5 523	189	441	569	933	751	1 133	650	538	264	55	14 600
3 persons	2 964	38	168	240	447	416	643	372	471	115	54	16 000
4 persons	2 589	29	41	190	253	282	565	439	518	223	49	19 300
5 persons	1 643	22	52	95	200	147	347	252	332	175	21	19 300
6 persons or more	1 972	24	80	194	200	219	426	301	288	178	62	17 900
Median	2.7	1.9	2.0	2.2	2.4	2.5	2.8	3.2	3.5	3.8	3.7	...
Units with roomers, boarders, or lodgers	220	10	33	25	47	16	48	25	—	16	—	12 200
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	17 052	396	1 104	1 777	2 429	2 095	3 572	2 168	2 253	1 017	241	15 996
0.50 or less	9 027	248	702	1 054	1 396	1 149	1 718	989	1 049	570	152	14 900
0.51 to 1.00	6 810	107	331	548	846	795	1 551	1 024	1 113	411	84	17 200
1.01 to 1.50	1 034	36	55	134	146	128	271	145	83	36	—	15 300
1.51 or more	181	5	16	41	41	23	32	10	8	—	5	11 700
Lacking some or all plumbing facilities	223	73	46	13	40	24	18	9	—	—	—	7 100
0.50 or less	176	68	22	13	26	24	14	—	—	—	—	7 300
0.51 to 1.00	34	5	20	—	9	—	—	—	—	—	—	...
1.01 to 1.50	9	—	—	—	5	—	4	—	—	—	—	...
1.51 or more	4	—	4	—	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1	1 315	245	344	207	226	57	171	43	22	—	—	8 300
2	6 377	226	528	1 064	1 517	1 200	1 232	330	259	21	—	12 300
3	7 070	37	189	325	590	800	1 651	1 310	517	517	40	19 800
4 or more	2 633	—	81	140	233	166	380	506	485	527	115	23 100
YEAR STRUCTURE BUILT												
1969 to March 1970	324	—	—	—	—	—	25	54	85	129	31	34 900
1965 to 1968	1 847	4	10	5	24	39	249	349	697	387	83	28 500
1960 to 1964	1 669	—	11	22	48	74	257	416	614	201	26	25 100
1950 to 1959	2 843	49	72	150	331	412	829	455	419	91	35	17 200
1940 to 1949	1 909	21	105	171	362	341	537	227	114	20	11	14 700
1939 or earlier	8 683	395	952	1 442	1 704	1 253	1 693	676	324	189	55	12 300
COMPLETE BATHROOMS												
1 and 1 1/2	13 267	346	1 046	1 686	2 231	1 879	3 182	1 599	1 050	232	16	14 300
2 and 2 1/2	3 316	—	24	77	115	163	436	544	1 120	693	144	27 700
3 or more	270	—	—	—	6	6	10	—	60	82	106	44 700
None or also used by another household	459	130	115	45	66	47	37	19	—	—	—	7 200
HOUSEHOLD COMPOSITION												
Two-or-more-person households	14 691	302	782	1 288	2 033	1 815	3 114	2 014	2 147	955	241	16 500
Male head, wife present, no nonrelatives	12 956	208	650	1 109	1 666	1 597	2 736	1 846	2 015	898	231	16 900
Under 25 years	1 192	—	10	30	30	29	62	16	15	—	—	14 700
25 to 34 years	2 089	15	60	119	224	237	523	420	387	89	15	19 700
35 to 44 years	2 870	19	36	185	261	308	588	472	612	311	78	20 400
45 to 64 years	5 741	120	301	518	739	723	1 170	765	868	427	110	16 600
65 years and over	2 044	54	243	257	412	300	393	173	133	71	28	13 100
Other male head	381	29	25	25	81	52	96	32	31	5	5	14 000
Under 65 years	273	17	9	25	70	21	73	22	31	—	5	14 300
65 years and over	108	12	16	—	11	31	23	10	—	5	—	13 700
Female head	1 354	65	107	154	286	166	282	136	101	52	5	13 500
Under 65 years	867	37	59	109	179	114	181	72	74	37	5	13 600
65 years and over	487	28	48	45	107	52	101	64	27	15	—	13 200
One-person households	2 584	167	368	502	436	304	476	163	106	62	—	11 500
Under 65 years	942	34	107	164	156	116	214	65	49	37	—	12 700
65 years and over	1 642	133	261	338	280	188	262	98	57	25	—	10 800
INCOME IN 1969												
Less than \$2,000	1 305	160	269	311	206	97	143	45	35	34	5	9 300
\$2,000 to \$2,999	576	31	83	89	142	62	99	37	5	23	5	71 500
\$3,000 to \$3,999	739	44	115	111	170	123	120	46	5	—	—	11 500
\$4,000 to \$4,999	728	38	120	116	108	119	140	32	29	26	10	12 100
\$5,000 to \$5,999	761	46	53	135	134	148	153	45	20	21	6	12 700
\$6,000 to \$6,999	897	14	89	154	176	137	180	98	39	10	—	12 800
\$7,000 to \$7,999	3 042	74	208	366	453	469	687	332	201	45	5	13 700
\$8,000 to \$9,999	4 919	45	141	412	651	669	1 268	879	707	141	6	16 800
\$10,000 to \$14,999	3 337	15	68	96	207	250	688	548	944	467	54	23 100
\$15,000 to \$24,999	971	—	—	—	22	45	112	115	268	245	160	32 000
\$25,000 or more	—	—	—	—	—	—	—	—	—	—	—	...
Median	\$10 600	\$4 000	\$4 900	\$6 900	\$8 400	\$9 400	\$11 100	\$12 600	\$15 900	\$19 400	\$32 500	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 476	22	35	88	66	97	274	292	308	246	48	22 700
1968	989	10	20	39	87	64	181	192	271	98	27	22 400
1967	2 983	—	63	52	138	121	141	135	187	103	43	19 200
1965 and 1966	2 197	—	89	56	175	267	398	332	509	190	49	19 800
1960 to 1964	2 870	42	87	194	346	302	724	466	483	189	37	17 700
1950 to 1959	4 170	157	346	535	688	627	982	391	334	70	40	13 900
1949 or earlier	4 627	223	545	734	918	617	965	354	138	111	22	12 200
HEATING EQUIPMENT												
Steam or hot water	1 139	16	56	89	128	103	236	158	187	134	32	18 200
Warm-air furnace	14 911	293	876	1 463	2 133	1 887	3 247	1 965	1 992	857	198	16 100
Built-in electric units	297	4	21	40	40	23	67	36	68	16	11	17 500
Floor, wall, or pipeless furnace	355	21	61	114	70	71	5	13	—	—	—	9 600
Other means	573	135	136	113	98	35	35	5	6	10	—	7 800
None	—	—	—	—	—	—	—	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	7 351	158	452	923	1 362	1 183	1 989	737	384	135	28	14 100
Central system	5 710	18	58	135	270	391	1 013	1 127	1 650	816	232	24 300
None	4 251	300	675	750	786	521	663	298	196	56	6	11 300

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

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

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

Springfield	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$89	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied ¹	13 231	1 035	829	1 069	1 301	2 334	2 095	1 934	1 660	483	55	436	98
ROOMS													
1 room	662	250	141	125	57	44	12	6	10	-	-	17	55
2 rooms	1 688	289	337	336	259	239	98	60	59	6	-	5	46
3 rooms	3 404	305	204	367	568	910	384	465	81	32	-	88	84
4 rooms	4 058	166	103	187	289	718	1 001	624	682	183	10	95	110
5 rooms	2 188	25	28	45	122	322	438	539	469	108	21	71	124
6 rooms	796	-	16	9	6	95	146	164	224	78	4	54	138
7 rooms	270	-	-	-	-	-	-	53	104	42	8	47	170
8 rooms or more	165	-	-	-	-	-	-	23	31	34	12	59	189
Median	3.7	2.4	2.3	2.7	3.1	3.5	4.1	4.2	4.5	4.7	...	4.7	...
PERSONS													
1 person	5 356	815	560	671	782	890	573	516	292	93	11	153	77
2 persons	3 634	101	117	238	338	782	610	557	548	147	14	182	105
3 persons	1 834	55	73	89	79	314	418	378	300	77	10	41	114
4 persons	1 214	32	28	51	48	161	275	262	257	68	8	24	120
5 persons	508	16	25	10	21	96	71	82	119	38	12	18	122
6 persons or more	685	16	26	10	33	91	148	139	144	60	-	18	122
Median	1.8	1.1	1.2	1.3	1.3	1.9	2.3	2.3	2.5	2.5	...	1.9	...
Units with roomers, boarders, or lodgers	239	-	4	-	11	38	15	56	69	8	-	38	137
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	12 517	838	607	944	1 258	2 310	2 070	1 914	1 434	476	55	389	101
0.50 or less	6 900	551	327	559	834	1 238	1 064	902	848	236	41	300	96
0.51 to 1.00	4 886	261	235	368	370	912	814	918	678	236	14	80	106
1.01 to 1.50	567	22	37	26	44	102	140	81	106	4	-	5	107
1.51 or more	164	4	8	11	10	58	52	13	4	-	-	4	94
Lacking some or all plumbing facilities	714	197	222	105	48	24	25	20	24	7	-	47	56
0.50 or less	348	52	117	66	37	20	11	4	4	7	-	30	59
0.51 to 1.00	342	145	105	34	6	4	5	16	16	-	-	11	52
1.01 to 1.50	24	-	-	5	-	-	9	-	4	-	-	6	...
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
BEDROOMS													
None	1 021	197	171	272	168	128	22	42	-	-	-	21	65
1	5 562	677	475	752	768	1 226	680	654	191	64	-	75	81
2	4 821	130	146	171	166	700	1 224	909	857	375	21	122	117
3 or more	1 749	-	43	50	48	118	224	364	585	125	19	173	145
YEAR STRUCTURE BUILT													
1969 to March 1970	213	6	-	-	-	-	-	25	61	117	4	-	212
1965 to 1968	878	204	40	28	-	9	8	97	329	133	4	26	156
1960 to 1964	637	75	24	5	-	37	54	164	215	40	8	15	141
1950 to 1959	1 105	30	11	64	44	127	336	214	153	64	27	35	115
1940 to 1949	1 780	180	128	156	176	294	365	258	198	-	-	25	96
1939 or earlier	8 618	540	626	816	1 081	1 867	1 332	1 176	704	129	12	335	91
ELEVATOR IN STRUCTURE													
4 floors or more	516	265	21	-	-	-	63	42	18	86	-	21	50-
With elevator	432	265	21	-	-	-	-	42	18	86	-	-	50-
Walk-up	84	-	-	-	-	-	63	-	-	-	-	21	...
1 to 3 floors	12 637	739	814	1 245	1 150	2 172	2 087	1 927	1 615	478	40	370	100
COMPLETE BATHROOMS													
1 and 1 1/2	11 836	796	563	858	1 249	2 306	1 997	1 827	1 566	344	-	330	100
2 or more	480	20	6	28	12	11	14	48	74	110	59	98	185
None or also used by another household	895	217	258	124	78	66	35	42	45	-	-	30	58
INCOME IN 1969													
Less than \$2,000	2 222	536	303	259	241	358	128	161	119	8	-	109	68
\$2,000 to \$2,999	1 019	212	85	172	154	181	83	50	33	25	-	24	72
\$3,000 to \$3,999	1 251	105	152	171	158	253	162	133	62	14	-	41	81
\$4,000 to \$4,999	1 185	64	123	97	151	275	243	127	58	22	-	15	91
\$5,000 to \$5,999	1 126	49	49	92	152	254	267	162	77	9	-	25	97
\$6,000 to \$6,999	933	4	10	120	244	205	176	92	15	5	-	16	103
\$7,000 to \$9,999	2 409	35	72	142	214	424	499	521	315	85	11	91	111
\$10,000 to \$14,999	2 143	23	51	43	91	287	398	475	589	118	-	68	129
\$15,000 to \$24,999	777	-	10	21	20	54	104	119	269	135	4	41	157
\$25,000 or more	166	7	-	-	-	4	6	10	46	52	35	6	213
Median	\$5 800	\$2000-	\$3 200	\$3 600	\$4 600	\$5 400	\$6 800	\$7 900	\$10 600	\$12 700	...	\$6 300	...
YEAR MOVED INTO UNIT													
1969 to March 1970	5 292	220	214	321	419	1 050	814	929	960	288	28	47	110
1968	2 084	258	89	112	196	312	373	328	325	52	-	39	103
1967	1 126	101	106	88	108	199	164	152	130	24	5	49	95
1965 and 1966	1 398	116	184	117	218	296	198	86	31	8	8	30	92
1960 to 1964	1 568	168	138	170	197	235	233	150	123	36	12	106	84
1950 to 1959	1 049	78	103	80	163	228	110	113	56	23	6	89	84
1949 or earlier	694	92	63	55	139	141	54	47	5	-	-	98	76
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 105	110	133	132	151	203	179	84	81	19	13	...	82
10 to 14 percent	2 424	110	104	180	273	507	468	346	346	78	12	...	102
15 to 19 percent	2 466	183	115	161	216	429	413	445	384	112	8	...	106
20 to 24 percent	1 793	91	111	143	160	306	340	322	249	65	6	...	105
25 to 34 percent	1 901	170	63	139	140	355	360	325	252	97	16	...	105
35 percent or more	2 851	328	253	252	340	485	315	407	343	112	-	436	89
Not computed	691	43	50	62	21	49	20	5	5	-	-	-	66
AIR CONDITIONING													
Room unit(s)	5 566	233	194	305	495	1 081	1 024	1 083	833	103	6	209	107
Central system	1 354	8	-	31	11	49	87	170	536	321	53	88	176
None	6 291	792	633	674	833	1 253	935	664	316	30	-	161	82

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]

Springfield	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	19 285	1 598	714	900	868	880	1 033	3 398	5 294	3 547	1 053	10 200
ROOMS												
1 and 2 rooms	92	26	5	8	~	10	10	19	14	~	~	...
3 rooms	1 024	268	103	108	91	53	73	144	97	72	15	4 400
4 rooms	4 394	583	243	332	310	312	253	988	978	361	34	7 500
5 rooms	6 911	437	218	308	286	294	408	1 403	2 286	1 119	152	10 200
6 rooms	3 620	181	86	86	84	131	184	527	1 077	976	288	12 500
7 rooms or more	3 244	103	59	58	97	80	105	317	842	1 019	564	14 800
PERSONS												
1 person	3 261	1 203	342	356	265	276	152	418	176	52	21	3 200
2 persons	6 281	312	284	412	401	395	492	1 280	1 578	854	273	9 000
3 and 4 persons	5 979	37	80	86	159	121	263	1 140	2 095	1 628	370	12 600
5 persons	1 756	17	8	20	9	40	45	254	677	497	189	13 600
6 persons or more	2 008	29	~	26	34	48	81	306	768	516	200	13 100
Units with roomers, boarders, or lodgers	270	47	28	4	30	15	28	61	37	11	9	6 400
BEDROOMS												
Less than 3	9 372	1 309	593	789	503	631	745	1 757	2 039	738	268	7 200
3	7 314	155	143	123	157	195	265	1 180	2 575	2 049	472	12 800
4 or more	2 710	63	53	20	125	86	47	301	752	944	319	14 400
YEAR STRUCTURE BUILT												
1969 to March 1970	354	~	5	10	~	9	9	40	112	135	34	14 600
1960 to 1968	3 838	58	64	48	59	79	138	531	1 322	1 167	372	13 600
1950 to 1959	2 953	124	59	96	131	93	125	591	923	662	149	11 400
1949 or earlier	12 140	1 416	586	746	678	699	761	2 236	2 937	1 583	498	8 600
YEAR MOVED INTO UNIT												
1969 to March 1970	1 688	48	28	43	39	52	73	330	561	398	116	12 100
1968	1 110	34	22	32	49	50	39	202	411	160	111	11 500
1960 to 1967	6 507	228	112	185	189	194	328	1 151	2 168	1 463	489	12 000
1959 or earlier	9 992	1 310	520	623	602	579	573	1 775	2 166	1 490	354	8 300
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	15 086	666	397	567	426	707	831	2 335	4 696	3 484	977	11 700
Clothes dryer	12 455	375	216	302	348	530	574	1 981	4 064	3 213	852	12 300
Dishwasher	4 559	81	74	103	~	111	123	348	1 331	1 772	616	15 600
Home food freezer	6 720	367	74	232	209	323	370	943	1 983	1 674	545	12 100
Owned second home	510	74	~	~	21	21	20	85	100	107	82	11 700
With air conditioning	14 473	640	428	611	582	553	731	2 531	4 176	3 223	998	11 400
Room unit(s)	8 437	504	334	481	446	428	483	1 775	2 379	1 297	310	9 600
Central system	6 036	136	94	130	136	125	248	756	1 797	1 926	688	13 900
Automobiles available:												
1	9 838	591	360	574	572	614	690	2 361	2 749	1 148	179	8 900
2	6 380	82	61	67	123	79	187	919	2 278	1 886	698	13 700
3 or more	867	~	10	~	4	7	13	20	188	446	179	19 300
Renter occupied housing units	13 281	2 232	1 035	1 257	1 185	1 126	939	2 409	2 155	777	166	5 800
ROOMS												
1 room	662	272	58	75	69	42	18	58	51	12	7	3 000
2 rooms	1 688	536	236	230	171	151	55	200	73	30	6	3 300
3 rooms	3 422	742	294	401	325	344	272	538	410	86	10	4 800
4 rooms	4 078	445	286	327	443	344	337	854	780	227	35	6 600
5 rooms	2 194	162	113	164	126	137	181	535	503	229	44	8 200
6 rooms or more	1 237	75	48	60	51	108	76	224	338	193	64	9 700
PERSONS												
1 person	5 356	1 695	601	571	552	486	296	616	404	99	36	3 700
2 persons	3 646	301	266	349	282	300	320	727	734	325	42	7 000
3 and 4 persons	3 071	161	108	222	256	261	271	757	712	261	62	8 000
5 persons	517	17	23	46	45	28	18	145	147	26	22	8 700
6 persons or more	691	58	37	69	50	51	34	164	158	66	4	7 900
Units with roomers, boarders, or lodgers	239	46	20	33	25	26	40	24	14	5	6	4 800
BEDROOMS												
None	1 021	388	147	151	65	35	65	63	86	21	~	2 800
1	5 562	1 384	624	683	545	411	309	788	593	184	41	4 200
2	4 842	363	317	416	405	323	594	1 189	786	389	60	7 000
3 or more	1 801	123	68	75	95	78	167	312	635	149	99	9 800
YEAR STRUCTURE BUILT												
1969 to March 1970	213	~	19	16	18	11	17	45	43	27	17	8 700
1960 to 1968	1 515	282	123	93	39	50	124	222	337	169	76	7 600
1950 to 1959	1 111	88	51	120	94	81	66	246	292	46	27	7 700
1949 or earlier	10 442	1 862	842	1 028	1 034	984	732	1 896	1 483	535	46	5 500
YEAR MOVED INTO UNIT												
1969 to March 1970	5 316	840	343	578	485	517	350	1 117	785	242	59	5 800
1968	2 091	298	161	180	203	137	119	456	412	120	5	6 600
1960 to 1967	4 090	710	299	298	416	385	275	674	666	309	58	5 800
1959 or earlier	1 756	379	168	158	113	167	120	185	324	104	38	5 400
GROSS RENT AS PERCENTAGE OF INCOME												
Specialized renter occupied	13 231	2 222	1 019	1 251	1 185	1 126	933	2 409	2 143	777	166	5 800
Less than 15 percent	3 529	5	16	17	109	170	176	938	1 314	634	150	11 300
15 to 19 percent	2 466	~	90	169	206	298	306	724	566	98	4	7 700
20 to 24 percent	1 793	25	88	278	296	312	219	407	158	4	6	5 700
25 to 34 percent	1 901	130	281	391	401	257	185	219	37	~	~	4 400
35 percent or more	2 851	1 693	520	355	148	74	31	30	~	~	~	2000-
Not computed	691	364	24	41	25	15	16	91	68	41	6	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	4 159	301	228	193	283	276	489	858	1 063	348	120	8 100
Clothes dryer	3 038	136	167	79	199	211	409	537	898	282	120	8 800
Dishwasher	755	44	64	~	21	14	43	164	144	184	77	11 000
Home food freezer	808	85	21	84	65	64	36	102	271	59	21	8 400
Owned second home	188	37	42	46	~	~	~	42	21	~	~	~
With air conditioning	6 927	761	378	610	490	552	479	1 339	1 539	632	147	7 400
Room unit(s)	5 573	666	329	524	440	477	414	1 118	1 154	410	41	6 800
Central system	1 354	95	49	86	50	75	65	221	385	212	106	10 500
Automobiles available:												
1	7 212	633	396	617	736	763	645	1 601	1 399	375	47	6 700
2	1 871	24	29	99	88	97	69	503	536	335	91	10 200
3 or more	229	6	5	26	~	14	7	35	69	61	6	11 600

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]

Springfield	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	19 285	19 003	10 373	7 372	1 066	192	282	211	53	14	4
PERSONS											
1 person.....	3 261	3 132	3 132	—	—	—	129	122	7	—	—
2 persons.....	6 281	6 181	5 769	412	—	—	100	85	15	—	—
3 persons.....	3 248	3 223	1 107	2 111	—	—	25	4	21	—	—
4 persons.....	2 731	2 721	287	2 424	—	—	10	—	—	10	—
5 persons.....	1 756	1 747	78	1 547	—	—	9	—	5	4	—
6 persons or more.....	2 008	1 999	—	878	932	169	9	—	5	—	4
Median.....	2.5	2.6	1.9	4.0	6.6	7.5+	1.6	1.4	...	...	...
Units with roomers, boarders, or lodgers.....	270	253	142	80	21	10	17	—	12	5	—
YEAR STRUCTURE BUILT											
1969 to March 1970.....	386	386	129	230	—	6	—	—	—	—	—
1965 to 1968.....	2 037	2 024	763	1 160	101	—	13	7	6	—	—
1960 to 1964.....	1 765	1 759	643	939	142	35	6	6	—	—	—
1950 to 1959.....	3 009	2 994	1 320	1 397	233	44	15	7	8	—	—
1940 to 1949.....	1 987	1 950	1 080	783	82	5	37	31	—	6	—
1939 or earlier.....	10 113	9 869	6 356	2 944	469	100	244	170	63	11	—
INCOME IN 1969											
Less than \$2,000.....	1 598	1 516	1 394	98	15	9	82	70	12	—	—
\$2,000 to \$2,999.....	714	680	576	104	—	—	34	27	7	—	—
\$3,000 to \$3,999.....	900	873	737	119	10	7	27	22	5	—	—
\$4,000 to \$4,999.....	868	854	645	185	19	5	14	9	5	—	—
\$5,000 to \$5,999.....	880	861	672	139	39	11	19	19	—	—	—
\$6,000 to \$6,999.....	1 033	1 028	644	320	49	15	5	—	5	—	—
\$7,000 to \$9,999.....	3 398	3 338	1 733	1 352	210	43	60	31	19	10	—
\$10,000 to \$14,999.....	5 294	5 262	2 024	2 738	422	78	32	28	—	4	—
\$15,000 to \$24,999.....	3 547	3 538	1 418	1 839	257	24	9	5	—	—	4
\$25,000 or more.....	1 053	1 053	530	478	45	—	—	—	—	—	—
Median.....	\$10 200	\$10 300	\$7 900	\$12 500	\$12 300	\$10 400	\$3 900	\$3 400	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	17 275	17 072	9 027	6 810	1 034	181	223	176	34	9	4
Less than 1.5.....	7 364	7 270	2 984	3 539	645	102	94	62	19	9	4
1.5 to 1.9.....	3 280	3 239	1 589	1 412	198	40	41	31	10	—	—
2.0 to 2.4.....	2 004	1 980	1 016	839	106	19	24	24	—	—	—
2.5 to 2.9.....	1 299	1 294	794	441	48	11	5	5	—	—	—
3.0 to 3.9.....	1 166	1 152	779	351	22	—	14	14	—	—	—
4.0 or more.....	2 009	1 964	1 727	223	5	9	45	40	5	—	—
Not computed.....	153	153	138	5	10	—	—	—	—	—	—
HEATING EQUIPMENT											
Steam or hot water.....	1 428	1 412	955	423	24	10	16	11	5	—	—
Warm-air furnace.....	16 470	16 283	8 744	6 481	921	137	187	136	38	9	4
Built-in electric units.....	308	308	135	142	26	5	9	9	—	—	—
Floor, wall, or pipeless furnace.....	388	379	174	148	52	5	70	55	10	5	—
Other means.....	691	621	365	178	43	35	—	—	—	—	—
None.....	—	—	—	—	—	—	—	—	—	—	—
Renter occupied housing units	13 281	12 567	6 906	4 909	588	164	714	348	342	24	—
PERSONS											
1 person.....	5 356	4 806	4 407	399	—	—	550	305	245	—	—
2 persons.....	3 646	3 555	2 241	1 299	—	15	91	43	48	—	—
3 persons.....	1 851	1 807	229	1 557	21	—	44	—	39	5	—
4 persons.....	1 220	1 216	23	1 085	101	7	4	—	4	—	—
5 persons.....	517	511	6	348	119	38	6	—	6	—	—
6 persons or more.....	691	672	—	221	347	104	19	—	—	19	—
Median.....	1.9	1.9	1.3	3.0	5.8	6.9	1.1	1.1	1.2	...	...
Units with roomers, boarders, or lodgers.....	239	234	123	99	5	7	5	5	—	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970.....	206	206	95	111	—	—	—	—	—	—	—
1965 to 1968.....	840	826	597	222	7	—	14	—	14	—	—
1960 to 1964.....	660	655	393	251	11	—	5	—	5	—	—
1950 to 1959.....	1 090	1 079	537	473	64	5	11	11	—	—	—
1940 to 1949.....	1 681	1 628	706	720	169	33	53	36	17	—	—
1939 or earlier.....	8 776	8 139	4 656	2 986	361	136	637	300	326	11	—
INCOME IN 1969											
Less than \$2,000.....	2 232	1 925	1 458	403	50	14	307	120	187	—	—
\$2,000 to \$2,999.....	1 035	953	631	274	42	6	82	52	21	9	—
\$3,000 to \$3,999.....	1 257	1 188	629	470	50	39	69	37	27	5	—
\$4,000 to \$4,999.....	1 185	1 099	611	401	79	8	86	59	19	—	—
\$5,000 to \$5,999.....	1 126	1 087	604	413	54	16	39	20	19	—	—
\$6,000 to \$6,999.....	939	926	504	384	26	12	13	8	5	—	—
\$7,000 to \$9,999.....	2 409	2 339	1 046	1 118	146	29	70	31	33	6	—
\$10,000 to \$14,999.....	2 155	2 128	923	1 079	98	28	27	10	17	4	—
\$15,000 to \$24,999.....	777	756	410	295	39	12	21	11	6	—	—
\$25,000 or more.....	166	166	90	72	4	—	—	—	—	—	—
Median.....	\$5 800	\$6 000	\$5 200	\$7 300	\$6 700	\$5 900	\$2 600	\$3 100	\$2000—	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	13 231	12 517	6 900	4 886	567	164	714	348	342	24	—
Less than 10 percent.....	1 105	1 009	484	464	27	34	96	31	61	4	—
10 to 14 percent.....	2 424	2 367	1 064	1 124	157	22	57	37	20	—	—
15 to 19 percent.....	2 466	2 368	1 164	1 051	142	11	98	62	36	—	—
20 to 24 percent.....	1 793	1 746	888	756	72	30	47	21	21	5	—
25 to 34 percent.....	1 901	1 838	1 044	700	64	30	63	51	140	9	—
35 percent or more.....	2 851	2 597	1 817	658	95	27	254	105	140	—	—
Not computed.....	691	592	439	133	10	10	99	41	52	6	—
HEATING EQUIPMENT											
Steam or hot water.....	4 543	4 111	2 520	1 399	157	35	432	198	229	5	—
Warm-air furnace.....	7 179	7 012	3 686	2 904	333	89	167	86	68	13	—
Built-in electric units.....	493	483	341	132	10	—	10	6	4	—	—
Floor, wall, or pipeless furnace.....	432	413	135	208	52	18	19	19	—	—	—
Other means.....	623	537	224	260	36	17	86	39	41	6	—
None.....	11	11	—	6	—	—	—	—	—	—	—

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

Table B—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)

Springfield

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	19 285	7	85	1 024	4 394	6 911	3 620	1 935	1 309	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	18 709	—	77	829	4 291	6 749	3 624	1 865	1 274	5.1
PERSONS										
1 person	3 261	7	59	485	1 140	998	324	178	70	4.4
2 persons	6 281	—	21	406	1 907	2 339	1 044	337	227	4.8
3 persons	3 248	—	5	84	789	1 259	613	318	180	5.1
4 persons	2 731	—	—	20	360	1 071	639	354	287	5.4
5 persons	1 756	—	—	23	103	643	472	316	199	5.7
6 persons or more	2 008	—	—	6	95	601	528	432	346	6.1
Median	2.5	...	...	1.6	2.1	2.6	3.2	3.9	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	19 003	—	75	954	4 281	6 853	3 596	1 935	1 309	5.1
0.50 or less	10 373	—	49	449	2 947	3 291	1 962	833	842	5.0
0.51 to 1.00	7 372	—	21	466	1 144	2 961	1 368	975	437	5.2
1.01 to 1.50	1 066	—	5	150	150	530	229	112	30	5.2
1.51 or more	192	—	—	29	40	71	37	15	—	4.9
Lacking some or all plumbing facilities	282	7	10	70	113	58	24	—	—	4.6
0.50 or less	211	—	10	36	100	46	19	—	—	4.1
0.51 to 1.00	53	7	—	24	5	12	5	—	—	...
1.01 to 1.50	14	—	—	10	4	—	—	—	—	...
1.51 or more	4	—	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	2 011	—	64	992	835	66	33	21	—	3.4
2	7 361	—	—	181	3 253	3 560	329	38	—	4.6
3	7 314	—	—	—	38	3 355	2 640	999	282	5.6
4 or more	2 710	—	—	—	—	64	533	1 021	1 092	7.2
YEAR STRUCTURE BUILT										
1969 to March 1970	354	—	5	—	19	100	58	82	90	6.4
1960 to 1968	3 838	—	—	59	396	1 549	777	622	435	5.4
1950 to 1959	2 953	—	14	92	842	1 191	558	179	77	4.9
1949 or earlier	12 140	7	66	873	3 137	4 071	2 227	1 052	707	5.0
COMPLETE BATHROOMS										
1 and 1 1/2	14 712	—	64	788	4 009	5 767	2 683	995	406	4.9
2 or more	4 041	—	19	41	301	995	941	870	874	6.2
None or also used by another household	544	10	6	163	200	120	39	6	—	4.0
VALUE-INCOME RATIO										
Specified owner occupied¹	17 275	—	38	702	3 612	6 371	3 418	1 874	1 260	5.3
Less than 1.5	7 364	—	29	291	1 637	2 803	1 552	608	444	5.1
1.5 to 1.9	3 280	—	4	86	567	1 247	671	441	264	5.3
2.0 to 2.9	3 303	—	5	90	502	1 153	720	499	334	5.4
3.0 or more	3 175	—	—	222	859	1 112	453	311	218	5.0
Not computed	153	—	—	13	47	56	22	15	—	4.8
Renter occupied housing units	13 281	662	1 688	3 422	4 078	2 194	796	270	171	3.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	12 169	296	1 389	3 182	3 969	2 129	822	239	143	3.8
PERSONS										
1 person	5 356	644	1 353	1 961	1 052	273	63	10	—	2.8
2 persons	3 646	15	293	1 054	1 373	671	170	33	37	3.8
3 persons	1 851	—	26	265	912	419	134	71	24	4.2
4 persons	1 220	3	4	101	474	428	144	43	23	4.6
5 persons	517	—	12	26	119	207	91	38	24	5.0
6 persons or more	691	—	—	15	148	196	194	75	63	5.4
Median	1.9	1.0	1.1	1.4	2.2	2.9	3.7	4.0	4.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	12 567	417	1 461	3 296	3 998	2 174	796	266	159	3.8
0.50 or less	6 906	—	1 154	1 878	2 380	933	367	110	84	3.7
0.51 to 1.00	4 909	399	270	1 276	1 366	1 049	337	145	67	3.9
1.01 to 1.50	588	—	21	101	101	203	152	92	8	4.3
1.51 or more	164	18	16	41	49	49	—	11	—	3.6
Lacking some or all plumbing facilities	714	245	227	126	80	20	—	—	12	2.0
0.50 or less	348	—	199	83	45	11	—	4	6	2.4
0.51 to 1.00	342	245	23	43	20	5	—	—	6	1.2
1.01 to 1.50	24	—	5	—	15	4	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None	1 021	700	279	42	—	—	—	—	—	1.2
1	5 562	—	1 508	3 094	854	106	—	—	—	2.9
2	4 842	—	—	254	3 065	1 292	210	21	—	4.2
3 or more	1 801	—	—	—	70	709	444	388	190	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	213	—	13	20	130	31	11	8	—	4.1
1960 to 1968	1 515	55	259	307	571	221	66	11	25	3.7
1950 to 1959	1 111	14	93	270	484	197	33	10	10	3.9
1949 or earlier	10 442	593	1 323	2 825	2 893	1 745	686	241	136	3.7
COMPLETE BATHROOMS										
1 and 1 1/2	11 878	378	1 379	3 178	3 928	2 056	740	168	51	3.8
2 or more	480	20	24	27	63	92	82	71	101	5.7
None or also used by another household	895	273	266	192	105	27	7	7	18	2.2
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	13 231	662	1 688	3 404	4 058	2 188	796	270	165	3.7
Less than 10 percent	1 105	107	139	300	299	201	33	26	—	3.5
10 to 14 percent	2 424	93	229	569	787	469	197	38	42	3.9
15 to 19 percent	2 466	69	282	592	838	457	152	58	18	3.8
20 to 24 percent	1 793	59	222	435	541	368	112	44	12	3.8
25 to 34 percent	1 901	55	240	531	672	236	117	27	23	3.7
35 percent or more	2 851	204	515	809	774	377	131	30	11	3.4
Not computed	691	75	61	168	147	80	54	47	59	3.8

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 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]

Springfield	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	19 285	17 653	1 307	325	13 281	4 466	2 511	2 352	1 700	1 196	1 012	44
ROOMS												
1 room	7	-	7	-	662	45	20	58	149	142	248	-
2 rooms	85	43	39	3	1 688	120	169	454	373	275	297	-
3 rooms	1 024	738	228	58	3 422	613	728	944	557	302	262	16
4 rooms	4 394	3 704	490	200	4 078	1 358	1 124	658	412	347	158	21
5 rooms	6 911	6 492	360	59	2 194	1 316	401	184	148	91	47	7
6 rooms	3 620	3 498	117	5	796	613	64	30	56	33	-	-
7 rooms	1 935	1 902	33	-	270	242	5	12	5	6	-	-
8 rooms or more	1 309	1 276	33	-	171	159	-	12	-	-	-	-
Median	5.1	5.2	4.3	4.0	3.7	4.6	3.8	3.2	3.1	3.1	2.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	19 003	17 426	1 257	320	12 567	4 350	2 452	2 220	1 546	1 036	924	39
0.50 or less	10 373	9 196	980	197	6 906	1 626	1 562	1 461	1 038	634	565	20
0.51 to 1.00	7 372	6 982	272	118	4 909	2 240	783	695	469	358	345	19
1.01 to 1.50	1 066	1 056	5	5	588	379	78	52	33	41	5	-
1.51 or more	192	192	-	-	164	105	29	12	6	3	9	-
Lacking some or all plumbing facilities	282	227	50	5	714	116	59	132	154	160	88	5
0.50 or less	211	180	31	-	348	58	38	97	76	57	17	5
0.51 to 1.00	53	34	14	5	342	39	21	30	78	103	71	-
1.01 to 1.50	14	9	5	-	24	19	-	5	-	-	-	-
1.51 or more	4	4	-	-	-	-	-	-	-	-	-	-
BEDROOMS												
None	-	-	-	-	1 021	68	83	169	279	166	256	-
1	2 011	1 443	506	62	5 562	1 125	922	1 356	1 125	473	519	42
2	7 361	6 537	630	194	4 842	2 085	1 236	608	419	317	157	20
3	7 314	7 169	84	61	1 342	1 022	149	20	89	62	-	-
4 or more	2 710	2 672	38	-	459	338	-	21	62	38	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	354	334	-	20	213	16	25	75	28	51	18	-
1965 to 1968	2 065	1 861	31	173	878	99	72	140	100	151	307	9
1960 to 1964	1 773	1 679	19	75	637	223	48	82	72	88	108	16
1950 to 1959	2 953	2 881	33	39	1 111	564	238	118	54	48	78	11
1940 to 1949	2 080	1 967	107	6	1 797	771	317	244	180	178	102	5
1939 or earlier	10 060	8 931	1 117	12	8 645	2 793	1 811	1 693	1 266	680	399	3
INCOME IN 1969												
Less than \$2,000	1 598	1 335	225	38	2 232	469	315	470	332	313	330	3
\$2,000 to \$2,999	714	594	97	23	1 035	256	160	209	171	119	115	5
\$3,000 to \$3,999	900	766	113	21	1 257	296	224	277	198	167	89	6
\$4,000 to \$4,999	868	744	101	23	1 185	304	280	228	174	107	92	-
\$5,000 to \$5,999	880	779	88	13	1 126	349	299	208	126	97	42	5
\$6,000 to \$6,999	1 033	933	80	20	939	336	192	195	70	77	61	8
\$7,000 to \$9,999	3 398	3 112	185	101	2 409	1 034	533	315	271	112	136	8
\$10,000 to \$14,999	5 294	4 995	228	71	2 155	971	402	304	249	127	97	5
\$15,000 to \$24,999	3 547	3 400	132	15	777	403	93	119	73	65	20	4
\$25,000 or more	1 053	995	58	-	166	48	13	27	36	12	30	-
Median	\$10 200	\$10 600	\$6 400	\$7 700	\$5 800	\$7 600	\$5 900	\$5 000	\$4 900	\$4 000	\$3 700	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 688	1 496	81	111	5 316	1 671	1 022	1 043	609	583	360	28
1968	1 110	1 011	34	65	2 091	630	357	389	245	179	291	-
1967	1 093	997	45	51	1 126	431	229	153	141	95	77	-
1965 and 1966	2 388	2 247	71	70	1 398	467	227	223	240	128	113	-
1960 to 1964	3 026	2 918	98	10	1 566	542	370	292	126	145	75	16
1950 to 1959	4 110	3 805	295	10	1 024	374	202	134	160	102	52	-
1949 or earlier	5 882	5 204	672	6	732	216	114	161	118	47	76	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	13 231	4 416	2 511	2 352	1 700	1 196	1 012	44
Less than \$50	...	...	...	...	1 035	134	83	82	148	218	357	13
\$50 to \$59	...	...	...	...	829	146	121	147	172	136	102	5
\$60 to \$69	...	...	...	...	1 069	168	174	323	216	84	104	-
\$70 to \$79	...	...	...	...	1 301	198	323	424	173	122	61	-
\$80 to \$99	...	...	...	...	2 334	601	616	524	361	129	93	10
\$100 to \$119	...	...	...	...	2 095	922	585	241	213	80	54	-
\$120 to \$149	...	...	...	...	1 934	938	300	261	234	120	70	11
\$150 to \$199	...	...	...	...	1 660	796	178	214	126	266	75	5
\$200 to \$299	...	...	...	...	483	180	83	90	31	35	64	-
\$300 or more	...	...	...	...	55	20	5	4	4	-	22	-
No cash rent	...	...	...	...	436	313	43	42	22	6	10	-
Median	...	...	...	...	\$98	\$117	\$97	\$86	\$86	\$84	\$64	...
HEATING EQUIPMENT												
Steam or hot water	1 428	1 169	259	-	4 543	569	480	830	1 060	852	752	-
Warm-air furnace	16 470	15 213	985	272	7 179	3 131	1 832	1 300	496	227	177	16
Built-in electric units	308	308	-	-	493	108	36	76	87	111	65	10
Floor, wall, or pipeless furnace	388	355	17	16	432	297	39	47	33	-	9	7
Other means	691	608	46	37	623	350	124	99	24	6	9	11
None	-	-	-	-	11	11	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	8 437	7 521	744	172	5 573	1 845	1 113	998	696	475	433	13
Central system	6 036	5 809	168	59	1 354	305	213	339	101	218	171	7
None	4 824	4 348	384	92	6 326	2 181	1 195	1 058	842	586	440	24
AUTOMOBILES AVAILABLE												
1	9 838	8 902	690	246	7 212	2 536	1 546	1 379	846	492	382	31
2	6 380	6 089	252	39	1 871	963	305	261	130	120	85	7
3 or more	867	838	29	-	229	130	39	8	-	45	7	-
None	2 212	1 849	325	38	3 941	702	631	747	663	622	570	6

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]

Springfield	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	19 285	251	2 248	2 998	6 181	2 395	291	124	976	560	1 217	1 044
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	19 003	251	2 238	2 993	6 110	2 363	286	124	965	541	1 195	1 937
0.50 or less	10 373	105	358	506	3 132	1 910	129	79	566	456	1 195	1 937
0.51 to 1.00	7 372	141	1 617	1 890	2 684	441	125	45	344	85	-	-
1.01 to 1.50	1 066	5	247	503	234	12	21	-	44	-	-	-
1.51 or more	192	-	16	94	60	-	11	-	11	-	-	-
Lacking some or all plumbing facilities	282	-	10	5	71	32	5	-	11	19	22	187
0.50 or less	211	-	5	-	43	11	5	-	6	19	15	107
0.51 to 1.00	53	-	5	5	10	21	-	-	5	-	7	-
1.01 to 1.50	14	-	-	-	14	-	-	-	-	-	-	-
1.51 or more	4	-	-	-	4	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	17 653	192	2 118	2 953	5 868	2 116	284	113	871	501	973	1 654
2 or more	1 307	4	68	19	282	253	7	11	71	59	175	358
Mobile home or trailer	325	55	62	26	31	26	-	-	34	-	69	22
INCOME IN 1969												
Less than \$2,000	1 598	5	24	29	50	170	5	4	38	70	240	963
\$2,000 to \$2,999	714	-	5	-	24	217	-	11	51	64	82	260
\$3,000 to \$3,999	900	-	13	21	83	295	6	16	65	45	103	253
\$4,000 to \$4,999	868	14	23	18	117	224	16	19	133	39	119	146
\$5,000 to \$5,999	880	4	76	44	155	184	26	6	72	37	132	144
\$6,000 to \$6,999	1 033	37	84	79	268	200	21	11	113	68	104	48
\$7,000 to \$9,999	3 398	82	510	516	977	449	87	17	220	122	297	121
\$10,000 to \$14,999	5 294	104	1 026	1 222	2 102	352	82	24	149	57	101	75
\$15,000 to \$24,999	3 547	5	387	824	1 843	226	34	8	120	48	29	23
\$25,000 or more	1 053	-	100	245	562	78	14	8	15	10	10	11
Median	\$10 200	\$9 400	\$11 900	\$13 200	\$13 400	\$6 500	\$9 500	\$6 500	\$7 200	\$6 400	\$5 500	\$2 200
VALUE-INCOME RATIO												
Specified owner occupied ¹	17 275	192	2 089	2 870	5 741	2 064	273	108	867	487	942	1 641
Less than 1.5	7 364	83	825	1 296	3 538	693	144	44	305	128	221	87
1.5 to 1.9	3 280	42	560	717	1 071	323	44	14	166	73	151	119
2.0 to 2.4	2 004	41	361	377	545	263	28	11	95	44	95	124
2.5 to 2.9	1 299	9	179	254	285	162	31	6	78	61	92	142
3.0 to 3.9	1 166	12	103	144	165	201	11	13	80	52	151	234
4.0 or more	2 009	5	36	72	125	412	15	20	143	123	181	877
Not computed	153	-	5	10	12	10	-	-	-	6	51	59
Renter occupied housing units	13 281	1 105	1 623	801	1 310	607	311	68	1 869	231	3 474	1 882
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	12 567	1 090	1 619	783	1 263	585	299	54	1 842	226	3 108	1 698
0.50 or less	6 906	284	291	96	525	334	173	22	652	122	2 894	1 513
0.51 to 1.00	4 909	761	1 069	508	652	247	115	32	1 033	93	214	185
1.01 to 1.50	588	45	189	148	64	-	5	-	131	6	-	-
1.51 or more	164	-	70	31	22	4	6	-	26	5	-	-
Lacking some or all plumbing facilities	714	15	4	18	47	22	12	14	27	5	366	184
0.50 or less	348	-	4	6	11	4	6	5	7	-	191	114
0.51 to 1.00	342	10	-	6	32	18	6	9	11	5	175	70
1.01 to 1.50	24	5	-	6	4	-	-	-	9	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	4 466	416	955	546	761	183	135	22	723	72	418	235
2 to 4	4 863	520	496	185	343	231	81	21	656	67	1 534	729
5 to 19	2 896	154	142	54	177	101	76	15	417	71	1 170	519
20 or more	1 012	15	9	16	29	92	19	10	66	21	336	399
Mobile home or trailer	44	-	21	-	-	-	-	-	7	-	16	-
GROSS RENT												
Specified renter occupied ²	13 231	1 105	1 617	784	1 298	601	311	68	1 860	231	3 474	1 882
Less than \$50	1 035	18	17	10	28	42	-	-	95	10	272	543
\$50 to \$59	829	22	8	19	30	60	6	9	99	16	409	151
\$60 to \$69	1 069	49	31	26	75	30	32	20	135	20	424	247
\$70 to \$79	1 301	84	68	38	95	15	46	20	133	20	546	236
\$80 to \$99	2 334	249	216	82	230	134	44	6	425	58	636	254
\$100 to \$119	2 095	294	342	139	279	78	11	5	353	21	436	137
\$120 to \$149	1 934	250	376	149	193	81	51	6	276	36	401	115
\$150 to \$199	1 460	120	423	172	217	73	56	5	278	24	226	66
\$200 to \$299	483	5	95	102	71	23	28	6	50	10	66	27
\$300 or more	65	-	4	16	8	10	6	-	-	-	5	6
No cash rent	436	14	37	31	72	55	31	11	16	16	53	100
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	13 231	1 105	1 617	784	1 298	601	311	68	1 860	231	3 474	1 882
Less than \$5,000	5 677	272	174	105	190	280	83	29	998	127	1 827	1 592
Less than 20 percent	617	33	10	15	11	38	5	5	106	5	232	157
20 to 24 percent	687	31	43	18	29	51	17	4	112	9	237	136
25 to 34 percent	1 203	100	62	31	56	58	10	6	179	27	359	315
35 percent or more	2 716	98	59	41	79	102	26	9	565	70	859	808
Not computed	454	10	-	-	15	31	25	5	36	16	140	176
\$5,000 to \$9,999	4 468	588	690	287	459	176	124	27	657	62	1 195	293
Less than 20 percent	2 612	332	352	147	310	60	58	16	350	22	803	162
20 to 24 percent	938	166	193	54	57	49	15	-	146	14	224	20
25 to 34 percent	661	81	109	60	49	38	30	-	120	21	143	10
35 percent or more	135	5	13	6	10	13	16	5	35	5	16	11
Not computed	122	4	23	20	33	16	6	6	6	-	9	6
\$10,000 to \$14,999	2 143	218	536	239	379	89	62	6	174	36	336	67
Less than 20 percent	1 880	202	470	207	316	85	50	-	161	32	310	47
20 to 24 percent	158	10	58	21	29	-	6	-	13	4	17	9
25 percent or more	37	-	-	-	15	-	6	-	-	-	4	12
Not computed	68	6	8	11	19	4	6	-	-	-	5	19
\$15,000 or more	943	27	217	153	270	56	42	6	31	6	116	13
Less than 20 percent	886	27	211	153	246	52	36	6	26	6	110	6
20 to 24 percent	10	-	-	-	4	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	47	-	6	-	20	4	6	-	5	-	6	-

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

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

Table B-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)

Springfield

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	19 285	3 261	6 281	3 248	2 731	1 756	992	590	426	2.5
BEDROOMS										
None and 1	2 011	980	919	75	19	—	—	—	18	1.5
2	7 361	1 781	3 218	1 243	728	199	97	75	20	2.1
3	7 314	439	1 648	1 440	1 650	1 140	474	333	180	3.6
4 or more	2 710	98	301	430	449	417	313	283	419	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970	354	23	59	47	84	71	47	9	14	4.1
1965 to 1968	2 065	105	372	443	581	299	162	77	26	3.7
1960 to 1964	1 773	51	447	378	420	242	133	62	40	3.5
1950 to 1959	2 953	307	886	549	493	333	182	115	88	3.0
1940 to 1949	2 080	331	747	379	294	188	93	23	25	2.4
1939 or earlier	10 060	2 444	3 770	1 452	859	623	375	304	233	2.2
UNITS IN STRUCTURE										
1	17 653	2 637	5 634	3 034	2 635	1 708	989	590	426	2.7
2 or more	1 307	533	518	162	53	38	3	—	—	1.7
Mobile home or trailer	325	91	129	52	43	10	—	—	—	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	14 712	2 741	5 207	2 488	1 929	1 079	646	400	222	2.4
2 and 2 1/2	3 720	230	857	682	733	615	321	157	125	3.6
3 or more	321	12	67	55	59	35	80	7	13	3.9
None or also used by another household	544	233	180	63	27	18	16	7	—	1.7
HOUSEHOLD COMPOSITION										
Two-or-more-person households	16 024	...	6 281	3 248	2 731	1 756	992	590	426	3.0
Male head, wife present, no nonrelatives	14 073	...	5 137	2 810	2 579	1 665	942	557	383	3.2
Under 25 years	251	...	94	113	35	4	—	—	5	2.8
25 to 34 years	2 248	...	196	454	790	466	244	67	31	4.1
35 to 44 years	2 998	...	215	411	758	669	396	308	241	4.7
45 to 64 years	6 181	...	2 711	1 474	930	493	285	182	106	2.8
65 years and over	2 395	...	1 921	358	66	33	17	—	—	2.1
Other male head	415	...	190	95	49	33	17	19	12	2.7
Under 65 years	291	...	109	64	41	29	17	19	12	3.1
65 years and over	124	...	81	31	8	4	—	—	—	2.3
Female head	1 536	...	954	343	103	58	33	14	31	2.3
Under 65 years	976	...	501	266	80	51	33	14	31	2.5
65 years and over	560	...	453	77	23	7	—	—	—	2.1
One-person households	3 261	3 261	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	17 275	2 584	5 523	2 964	2 589	1 643	973	584	415	2.7
Less than 1.5	7 364	308	2 336	1 613	1 211	858	495	336	207	3.1
1.5 to 1.9	3 280	270	1 082	544	626	342	188	129	99	3.0
2.0 to 2.4	2 004	219	587	398	347	197	162	39	55	3.0
2.5 to 2.9	1 299	234	440	147	215	126	69	46	22	2.4
3.0 to 3.9	1 166	385	372	147	125	80	29	16	12	2.0
4.0 or more	2 009	1 058	678	115	65	35	30	13	15	1.4
Not computed	153	110	28	—	—	5	—	5	5	1.2
Renter occupied housing units	13 281	5 356	3 646	1 851	1 220	517	349	212	130	1.9
BEDROOMS										
None	1 021	936	46	—	39	—	—	—	—	1.0
1	5 562	3 463	1 687	296	96	20	—	—	—	1.3
2	4 842	804	1 699	1 396	656	94	137	54	—	2.5
3 or more	1 801	64	266	322	490	266	181	138	74	4.0
YEAR STRUCTURE BUILT										
1969 to March 1970	213	40	93	41	39	—	—	—	—	2.2
1965 to 1968	878	416	260	108	55	31	4	4	—	1.6
1960 to 1964	637	244	181	108	56	29	13	—	6	1.9
1950 to 1959	1 111	313	345	176	157	55	44	21	—	2.2
1940 to 1949	1 797	486	505	344	224	91	61	44	42	2.3
1939 or earlier	8 645	3 857	2 262	1 074	689	311	227	143	82	1.7
UNITS IN STRUCTURE										
1	4 466	653	1 124	930	814	377	279	171	118	3.0
2	2 511	991	886	385	167	51	11	14	6	1.8
3 and 4	2 352	1 272	661	279	106	20	14	—	—	1.4
5 to 9	1 700	1 002	485	100	75	16	11	5	6	1.3
10 to 19	1 196	687	252	118	52	34	29	22	—	1.4
20 or more	1 012	735	229	27	6	10	5	—	—	1.2
Mobile home or trailer	44	16	9	12	—	7	—	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	11 878	4 673	3 347	1 610	1 133	485	338	172	120	1.9
2 or more	480	106	108	106	38	41	27	32	22	2.7
None or also used by another household	895	624	155	72	23	15	6	—	—	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	7 925	...	3 646	1 851	1 220	517	349	212	130	2.7
Male head, wife present, no nonrelatives	5 446	...	2 255	1 340	892	421	277	159	102	2.8
Under 25 years	1 105	...	525	425	137	8	10	—	—	2.6
25 to 34 years	1 623	...	390	456	377	170	118	82	30	3.4
35 to 44 years	801	...	103	216	166	102	55	38	38	4.3
45 to 64 years	1 310	...	493	298	147	69	47	22	34	2.4
65 years and over	607	...	544	40	15	8	—	—	—	2.1
Other male head	379	...	254	48	61	5	5	—	6	2.2
Under 65 years	311	...	192	48	55	5	—	—	6	2.3
65 years and over	68	...	62	—	6	—	—	—	—	...
Female head	2 100	...	1 137	463	267	91	67	53	22	2.4
Under 65 years	1 869	...	958	431	253	91	67	53	16	2.5
65 years and over	231	...	179	32	14	—	—	—	6	2.1
One-person households	5 356	5 356	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	13 231	5 356	3 634	1 834	1 214	508	349	206	130	1.8
Less than 10 percent	1 105	362	389	208	83	31	13	9	10	2.0
10 to 14 percent	2 424	624	811	406	324	105	66	58	30	2.2
15 to 19 percent	2 466	848	632	417	285	142	83	40	19	2.1
20 to 24 percent	1 793	640	477	271	196	112	56	22	9	2.0
25 to 34 percent	1 901	843	489	282	132	41	59	46	9	1.7
35 percent or more	2 851	1 694	622	200	154	59	54	31	37	1.3
Not computed	691	345	214	50	40	18	18	—	6	1.5

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-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]

Springfield				Springfield					
	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	226	63	109	54	Vacant for rent	1 067	429	327	311
ROOMS					ROOMS				
1 to 3 rooms	25	8	10	7	1 room	126	80	30	16
4 rooms	37	7	12	18	2 rooms	165	77	54	34
5 rooms	65	30	31	4	3 rooms	259	101	90	68
6 rooms	51	3	29	19	4 rooms	374	109	105	160
7 rooms or more	48	15	27	6	5 rooms	83	32	37	14
					6 rooms	38	11	11	16
					7 rooms or more	22	19	-	3
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	209	63	102	44	With all plumbing facilities	918	354	278	266
Lacking some or all plumbing facilities	17	-	7	10	Lacking some or all plumbing facilities	149	75	49	25
BEDROOMS					BEDROOMS				
None and 1	33	-	33	-	None	182	137	45	-
2	54	54	-	-	1	449	93	202	154
3	70	32	38	-	2	402	161	64	177
4 or more	55	33	-	22	3 or more	94	46	18	30
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	19	10	3	6	1969 to March 1970	138	12	8	118
1960 to 1968	61	11	36	14	1960 to 1968	58	30	28	-
1950 to 1959	8	-	3	5	1950 to 1959	63	42	5	16
1949 or earlier	138	42	67	29	1949 or earlier	808	345	286	177
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	190	42	109	39	1	231	97	72	62
2 or more	36	21	-	15	2 to 4	391	163	139	89
					5 to 9	127	63	41	23
					10 to 19	252	69	53	130
					20 or more	66	37	22	7
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	20	9	3	8	Steam or hot water	231	97	72	62
Warm-air furnace	186	54	89	43	2 to 4	391	163	139	89
Built-in electric units	-	-	-	-	5 to 9	127	63	41	23
Floor, wall, or pipeless furnace	6	-	3	3	10 to 19	252	69	53	130
Other means	14	-	14	-	20 or more	66	37	22	7
None	-	-	-	-					
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	190	42	109	39	Specified vacant for rent ²	1 067	429	327	311
Less than \$5,000	22	-	18	4	Less than \$50	122	55	36	31
\$5,000 to \$9,999	42	4	21	17	\$50 to \$59	88	27	26	35
\$10,000 to \$14,999	40	14	14	12	\$60 to \$79	303	141	98	64
\$15,000 to \$19,999	13	3	10	3	\$80 to \$99	167	83	57	27
\$20,000 to \$24,999	24	9	15	-	\$100 to \$119	76	39	18	19
\$25,000 to \$34,999	18	8	10	-	\$120 to \$149	114	43	60	11
\$35,000 to \$49,999	15	4	5	6	\$150 to \$199	173	26	23	124
\$50,000 or more	16	-	16	-	\$200 or more	24	15	9	-
Median price asked	\$13 900	...	\$15 800	...	Median rent asked	\$82	\$79	\$81	\$99

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]

Springfield	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 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199 or more		
Total	190	64	40	13	24	18	31	1 067	210	303	167	190	173	24
PLUMBING FACILITIES														
With all plumbing facilities	196	49	70	-	55	-	22	928	60	328	167	177	160	34
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	199	121	63	-	15	-	-
BEDROOMS														
None and 1	33	33	-	-	-	-	-	631	166	313	137	15	-	-
2	38	-	38	-	-	-	-	402	-	45	15	146	160	36
3	70	16	32	-	22	-	-	63	15	33	15	-	-	-
4 or more	55	-	-	-	33	-	22	31	-	-	-	31	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	19	-	-	3	3	3	10	138	-	-	-	-	125	13
1960 to 1968	54	7	6	-	5	15	21	58	16	20	-	14	-	8
1950 to 1959	8	5	3	-	-	-	-	63	8	7	26	22	-	-
1949 or earlier	109	52	31	10	16	-	-	808	186	276	141	154	48	3
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	231	52	81	29	63	3	3
2 to 4	...	...	...	...	...	...	...	391	68	131	76	76	24	16
5 to 19	...	...	...	...	...	...	...	379	61	77	47	43	146	5
20 or more	...	...	...	...	...	...	...	66	29	14	15	8	-	-
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	486	148	145	94	77	22	-
Some or no utilities included	...	...	...	...	...	...	...	581	62	138	73	113	151	24

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>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><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes ——— What is the number? _____</p> <p><input type="radio"/> No</p> <p style="text-align: right;"><i>Phone number</i></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>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>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><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></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>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>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>H4. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, loyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room</p> <p><input type="radio"/> 2 rooms</p> <p><input type="radio"/> 3 rooms</p> <p><input type="radio"/> 4 rooms</p> <p><input type="radio"/> 5 rooms</p> <p><input type="radio"/> 6 rooms</p> <p><input type="radio"/> 7 rooms</p> <p><input type="radio"/> 8 rooms</p> <p><input type="radio"/> 9 rooms or more</p>	<p>b. 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) (Wch, half-month, year, etc.)</i></p>	<p>C/O <input type="radio"/> <input type="radio"/></p>																						
<p>H5. Is there hot and cold piped water in this building?</p> <p><input type="radio"/> Yes, hot and cold piped water in this building</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p>																								
<p>H6. Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p>																								
<p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p>																								
<p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (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. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used <i>Average monthly cost</i></p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used <i>Average monthly cost</i></p> <p>c. Water? <input checked="" type="checkbox"/> <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <input type="radio"/> No, included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used <i>Yearly cost</i></p>	<p>H24a. How many stories (floors) are in this building? <input type="radio"/> 1 to 3 stories <input type="radio"/> 4 to 6 stories <input type="radio"/> 7 to 12 stories <input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump <input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/> <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind In some other way—Describe → _____ <input type="radio"/> None, unit has no heating equipment</p>	<p>H25a. Which fuel is used most for cooking? <input checked="" type="checkbox"/> Gas { From underground pipes serving the neighborhood, <input type="radio"/> Coal or coke <input type="radio"/> <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/> <input type="radio"/> Electricity <input type="radio"/> Other fuel <input type="radio"/> <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? <input checked="" type="checkbox"/> Gas { From underground pipes serving the neighborhood, <input type="radio"/> Coal or coke <input type="radio"/> <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/> <input type="radio"/> Electricity <input type="radio"/> Other fuel <input type="radio"/> <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> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1940 to 1949 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>c. Which fuel is used most for water heating? <input checked="" type="checkbox"/> Gas { From underground pipes serving the neighborhood, <input type="radio"/> Coal or coke <input type="radio"/> <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/> <input type="radio"/> Electricity <input type="radio"/> Other fuel <input type="radio"/> <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input checked="" type="checkbox"/> <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe _____</p>	<p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 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>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24 <input type="radio"/> On a place of less than 10 acres? <input type="radio"/> On a place of 10 acres or more?</p>	<p>H27a. Do you have a clothes washing machine? <input type="radio"/> Yes, automatic or semi-automatic <input type="radio"/> Yes, wringer or separate spinner <input type="radio"/> No</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="checkbox"/> <input type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p>b. Do you have a clothes dryer? <input type="radio"/> Yes, electrically heated <input type="radio"/> Yes, gas heated <input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)? <input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator? <input type="radio"/> Yes <input type="radio"/> No</p>
	<p>H28a. Do you have a television set? Count only sets in working order. <input type="radio"/> Yes, one set <input type="radio"/> Yes, two or more sets <input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="checkbox"/></p>
	<p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation. <input type="radio"/> Yes, one or more <input type="radio"/> No</p>
	<p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year? <input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper 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 paperbound report in two series designated as HC(1)-A and B, respectively.

■ Series HC(1)-A.

GENERAL HOUSING CHARACTERISTICS

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

■ Series HC(1)-B.

DETAILED HOUSING CHARACTERISTICS

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

Volume II.

METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

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

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

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

■ Series PC(1)-A.

NUMBER OF INHABITANTS.

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

■ Series PC(1)-B.

GENERAL POPULATION CHARACTERISTICS

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

■ Series PC(1)-C.

GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume II.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(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.