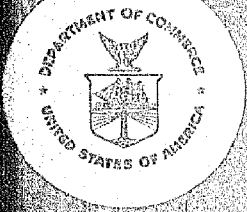


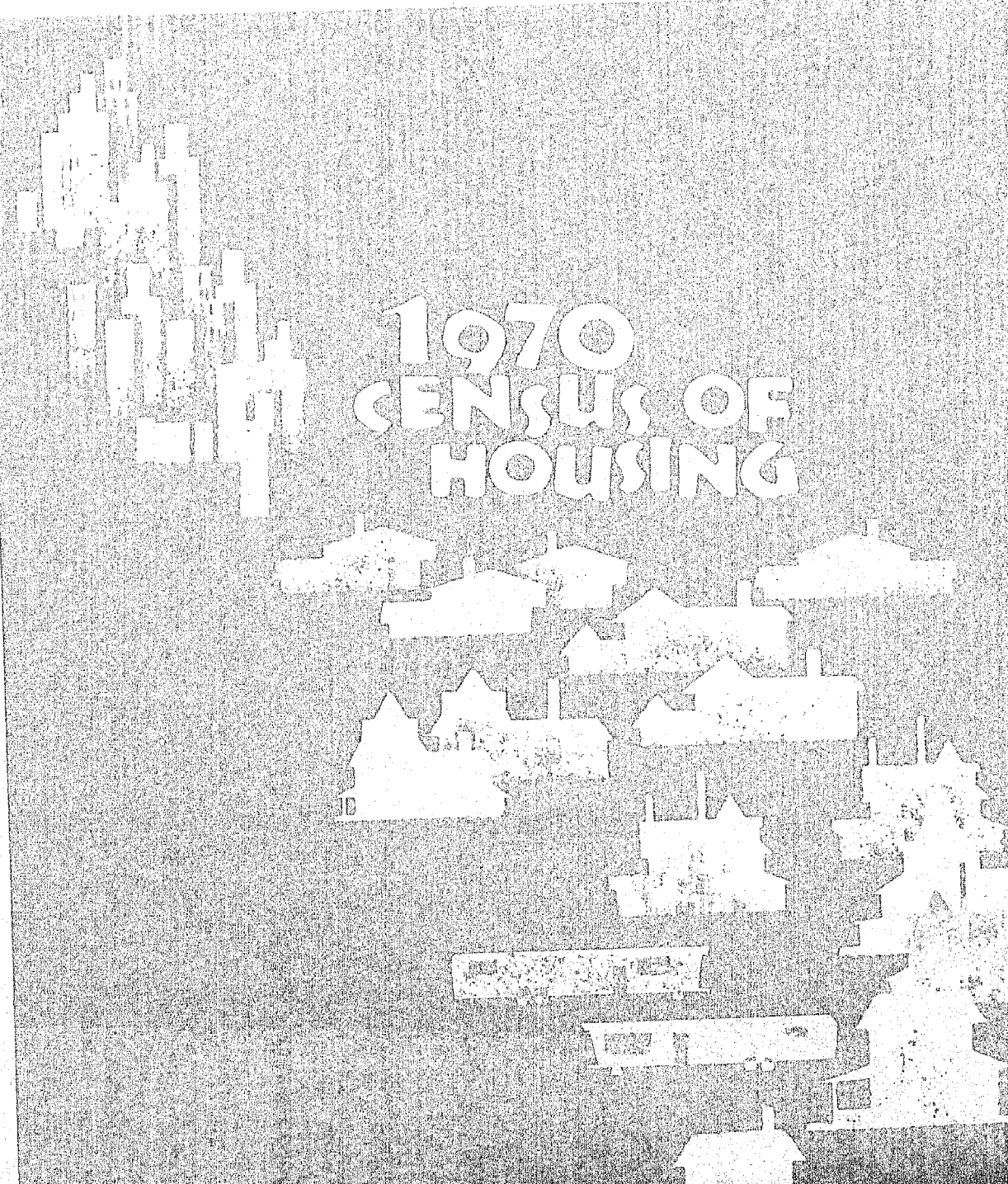
A UNITED STATES
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HC(2)-81

Metropolitan Housing Characteristics

GARY-HAMMOND-EAST CHICAGO, IND.
STANDARD METROPOLITAN STATISTICAL AREA

A stylized, high-contrast illustration of a city skyline and residential buildings. The skyline on the left consists of several tall, rectangular skyscrapers of varying heights. Below the skyline and extending across the bottom right are numerous smaller, simplified house shapes with gabled roofs, some with chimneys, and a few rectangular structures that could be garages or sheds. The entire illustration is rendered in white 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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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**GARY-HAMMOND-EAST CHICAGO, IND.
STANDARD METROPOLITAN
STATISTICAL AREA**

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40	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA	124	Lynchburg, Va. SMSA
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128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Stamford, Conn. SMSA
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164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, Puerto Rico SMSA
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TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

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

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

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

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GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

INTRODUCTION—Continued

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

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

PROCESSING PROCEDURES

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

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

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

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

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METROPOLITAN HOUSING CHARACTERISTICS

**Gary-Hammond-East Chicago, 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 31.]

PAGE

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places

INDEX OF TABLES

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

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
Total SMSA	A	1 to 9	10 to 17	18 to 25
East Chicago	B	26 to 34	—	—
Gary	C	35 to 43	44 to 51	—
Hammond	D	52 to 60	—	—

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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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Counties, Standard Metropolitan Statistical Areas, and Selected Places



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	125 837	100	592	2 535	24 368	50 715	29 833	10 654	7 040	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	123 052	69	493	2 184	23 734	49 330	29 612	10 727	6 903	5.2
PERSONS										
1 person	11 320	44	301	898	4 048	3 612	1 758		259	4.6
2 persons	31 896	22	185	1 091	9 407	12 642	6 091	1 600	858	4.9
3 persons	22 723	14	25	253	4 646	9 764	5 507	1 619	895	5.2
4 persons	23 641	5	38	115	3 281	10 663	6 125	2 210	1 204	5.3
5 persons	16 648	5	22	78	1 643	7 012	4 616	1 900	1 372	5.4
6 persons or more	19 609	10	21	100	1 343	7 022	5 736	2 925	2 452	5.7
Median	3.4	1.8	1.5	1.8	2.4	3.4	3.8	4.3	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	124 049	91	490	2 352	23 765	50 205	29 635	10 576	6 935	5.2
0.50 or less	50 532		238	821	13 071	15 966	13 255	3 567	3 614	5.2
0.51 to 1.00	59 594	35	146	1 244	7 793	27 278	13 702	6 305	3 091	5.3
1.01 to 1.50	11 426		25	115	2 279	5 730	2 467	601	209	5.1
1.51 or more	2 497	56	81	172	622	1 231	211	103	21	4.8
Lacking some or all plumbing facilities	1 788	9	102	183	603	510	198	78	105	4.5
0.50 or less	1 033		63	77	384	288	101	52	68	4.5
0.51 to 1.00	563	9	39	100	134	161	63	20	37	4.5
1.01 to 1.50	148				64	56	28			4.7
1.51 or more	44			6	21	5	6			...
BEDROOMS										
None and 1	4 509	97	483	2 029	1 276	526	80	18		3.3
2	42 672			612	21 315	17 536	2 842	308	59	4.5
3	65 259				710	34 475	22 975	5 444	1 655	5.4
4 or more	13 556					278	3 808	4 185	5 285	7.1
YEAR STRUCTURE BUILT										
1969 to March 1970	2 768	4	14	62	408	955	644	337	344	5.4
1960 to 1968	26 725	10	82	441	2 556	11 919	6 604	2 821	2 292	5.4
1950 to 1959	37 820	31	148	474	7 452	18 364	8 025	2 209	1 117	5.1
1949 or earlier	58 524	55	348	1 558	13 952	19 477	14 560	5 287	3 287	5.2
COMPLETE BATHROOMS										
1 and 1 1/2	105 227	76	462	2 108	22 723	45 692	24 135	7 157	2 874	5.1
2 or more	18 086	8	36	99	1 171	3 715	5 492	3 570	4 055	6.2
None or also used by another household	2 511	18	129	273	936	684	236	96	139	4.4
VALUE-INCOME RATIO										
Specified owner occupied ¹	108 091	59	229	1 240	18 578	45 363	26 776	9 734	6 112	5.2
Less than 1.5	47 324	22	111	541	8 962	20 007	11 452	3 965	2 264	5.2
1.5 to 1.9	24 344	5	15	168	3 203	11 083	6 285	2 331	1 254	5.3
2.0 to 2.9	19 410	11	22	173	2 496	7 856	5 184	2 185	1 483	5.4
3.0 or more	16 148	21	65	330	3 664	6 106	3 705	1 174	1 083	5.2
Not computed	865		16	28	253	311	150	79	28	4.9
Renter occupied housing units	58 812	2 626	3 943	12 414	21 033	11 516	5 176	1 341	763	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	53 590	783	3 105	11 513	19 821	11 239	5 025	1 329	775	4.1
PERSONS										
1 person	15 051	2 348	2 722	5 180	3 359	1 045	274	69	54	3.0
2 persons	16 057	189	805	4 465	6 703	2 811	830	155	99	3.9
3 persons	10 215	45	254	1 654	4 861	2 288	777	203	133	4.1
4 persons	7 450	22	109	629	3 319	2 035	995	214	127	4.4
5 persons	4 322	17	30	296	1 379	1 449	781	260	110	4.8
6 persons or more	5 717	5	23	190	1 412	1 888	1 519	440	240	5.2
Median	2.4	1.1	1.2	1.7	2.6	3.3	4.2	4.6	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	55 103	1 152	3 208	11 789	20 408	11 383	5 093	1 307	763	4.1
0.50 or less	23 281		2 160	4 869	9 713	3 816	1 855	405	463	4.0
0.51 to 1.00	24 667	979	684	5 892	8 031	5 721	2 321	778	261	4.1
1.01 to 1.50	5 197		228	590	2 010	1 488	755	92	34	4.4
1.51 or more	1 958	173	136	438	654	358	162	32	5	3.9
Lacking some or all plumbing facilities	3 709	1 474	735	625	625	133	83	34		2.0
0.50 or less	1 310		562	311	349	40	26	22		2.8
0.51 to 1.00	1 369	1 369	121	39	78	51	47			1.2
1.01 to 1.50	192		26	26	27	10	12			3.9
1.51 or more	243	105	26	48	49	15				2.1
BEDROOMS										
None	3 353	2 505	616	232						1.2
1	17 196		3 153	10 680	3 008	245	89		21	3.0
2	26 820			1 138	18 398	6 489	685	110		4.2
3 or more	11 350				409	4 802	4 434	1 072	633	5.6
YEAR STRUCTURE BUILT										
1969 to March 1970	1 793	33	31	287	943	345	118	13	23	4.1
1960 to 1968	7 552	250	440	1 783	3 339	1 191	350	124	75	3.9
1950 to 1959	8 409	161	311	1 351	3 333	2 168	837	164	84	4.2
1949 or earlier	41 058	2 182	3 161	8 993	13 418	7 812	3 871	1 040	581	4.0
COMPLETE BATHROOMS										
1 and 1 1/2	52 791	1 063	3 151	11 585	19 687	11 008	4 707	1 118	472	4.0
2 or more	1 510	22	12	84	251	278	329	224	310	5.8
None or also used by another household	4 524	1 512	786	874	963	229	128	32		2.5
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	57 366	2 605	3 938	12 334	20 733	11 183	4 874	1 100	599	4.0
Less than 10 percent	6 492	602	588	1 350	2 112	1 160	494	157	29	3.8
10 to 14 percent	12 829	505	764	2 772	4 832	2 618	1 010	264	64	4.0
15 to 19 percent	10 798	252	540	2 028	4 214	2 420	1 105	165	74	4.1
20 to 24 percent	6 396	217	319	1 215	2 415	1 449	575	151	55	4.1
25 to 34 percent	6 126	324	456	1 397	2 127	1 173	468	103	78	3.9
35 percent or more	11 333	540	1 085	3 016	4 025	1 727	761	110	69	3.8
Not computed	3 392	165	186	556	1 008	636	461	150	230	4.3

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

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

Table A-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											
125 837 11 320 31 896 22 723 23 641 16 648 10 073 5 524 4 012 3.4											
BEDROOMS											
None and 1 4 509 1 611 2 218 277 259 57 - 43 44 1.8											
2 42 672 6 162 16 748 9 247 5 208 2 996 1 241 568 502 2.4											
3 65 259 3 228 11 474 11 850 16 234 10 909 6 621 3 198 1 745 3.9											
4 or more 13 556 461 1 280 1 329 2 031 2 793 2 513 1 631 1 518 5.1											
YEAR STRUCTURE BUILT											
1969 to March 1970 2 768 104 586 574 668 456 281 94 5 3.7											
1965 to 1968 10 647 391 1 699 2 005 2 964 1 923 990 390 285 3.9											
1960 to 1964 16 078 634 2 516 2 704 4 013 2 996 1 804 830 581 4.0											
1950 to 1959 37 820 2 224 8 378 7 056 7 885 5 658 3 447 1 885 1 267 3.7											
1940 to 1949 20 858 1 967 6 207 3 997 3 343 2 346 1 384 857 757 3.1											
1939 or earlier 37 666 6 000 12 510 6 387 4 768 3 269 2 167 1 468 1 097 2.6											
UNITS IN STRUCTURE											
1 112 690 8 592 27 594 20 489 22 032 15 665 9 521 5 125 3 672 3.5											
2 or more 9 627 1 978 3 079 1 598 1 116 714 455 362 325 2.4											
Mobile home or trailer 3 520 750 1 223 636 493 269 97 37 15 2.3											
COMPLETE BATHROOMS											
1 and 1 1/2 105 227 9 737 27 882 19 268 19 689 13 579 7 799 4 234 3 039 3.3											
2 and 2 1/2 16 399 746 3 006 2 736 3 433 2 608 1 870 1 131 869 4.0											
3 or more 1 687 151 304 287 257 275 232 116 65 3.9											
None or also used by another household 2 511 730 728 439 167 164 101 118 64 2.2											
HOUSEHOLD COMPOSITION											
Two-or-more-person households											
114 517											
Male head, wife present, no nonrelatives 101 793 26 408 19 659 21 750 15 618 9 544 5 104 3 710 3.6											
Under 25 years 2 624 739 973 649 176 36 26 5 3.7											
25 to 34 years 18 358 1 524 3 192 6 124 4 227 2 134 751 404 3.1											
35 to 44 years 25 495 1 413 2 841 6 335 5 974 4 383 2 510 2 039 4.2											
45 to 64 years 44 486 14 905 10 655 8 093 4 985 2 885 1 747 1 216 4.9											
65 years and over 10 830 7 827 1 998 527 1 998 1 216 862 633 3.2											
Other male head 3 849 1 692 937 492 256 106 70 46 2.2											
Under 65 years 3 053 1 238 750 420 305 149 105 86 2.7											
65 years and over 796 454 187 177 52 4 5 22 2.9											
Female head 8 875 3 796 2 127 1 399 673 376 310 194 2.8											
Under 65 years 7 007 2 545 1 752 1 251 632 368 276 183 3.0											
65 years and over 1 868 1 251 375 148 41 8 34 11 2.2											
One-person households 11 320 11 320 1.0											
VALUE-INCOME RATIO											
Specified owner occupied¹											
108 091											
Less than 1.5 47 324 886 9 717 9 578 10 364 7 476 4 624 2 660 2 019 3.5											
1.5 to 1.9 24 344 780 5 524 4 614 5 438 3 744 2 266 1 186 792 3.8											
2.0 to 2.4 12 971 657 3 203 2 482 2 635 2 089 1 102 487 316 3.7											
2.5 to 2.9 6 439 581 1 778 1 046 1 305 867 545 181 136 3.6											
3.0 to 3.9 5 738 891 2 121 805 775 520 380 162 84 3.3											
4.0 or more 10 410 3 879 3 651 1 011 749 504 238 218 160 2.4											
Not computed 865 397 206 111 71 33 25 11 11 1.9											
Renter occupied housing units											
58 812 15 051 16 057 10 215 7 450 4 322 2 670 1 648 1 399 2.4											
BEDROOMS											
None 3 353 2 878 339 53 42 41 - - - 1.1											
1 17 196 8 303 5 975 1 718 642 303 185 43 27 1.5											
2 26 820 3 343 8 434 6 840 4 375 2 093 893 527 315 2.7											
3 or more 11 350 398 1 573 1 752 2 190 1 833 1 558 1 100 946 4.4											
YEAR STRUCTURE BUILT											
1969 to March 1970 1 793 377 654 330 188 79 63 54 48 2.3											
1965 to 1968 4 032 933 1 568 760 395 157 103 66 50 2.2											
1960 to 1964 3 520 847 1 189 622 413 234 111 63 41 2.3											
1950 to 1959 8 409 1 282 2 030 1 720 1 466 837 522 303 249 3.0											
1940 to 1949 10 379 2 255 2 621 2 069 1 521 875 481 247 310 2.7											
1939 or earlier 30 679 9 357 7 995 4 714 3 467 2 140 1 390 915 701 2.2											
UNITS IN STRUCTURE											
1 18 051 2 248 3 905 3 513 3 168 2 198 1 492 826 701 3.3											
2 10 673 2 280 3 075 2 235 1 407 776 407 283 210 2.5											
3 and 4 11 165 3 003 3 203 1 807 1 374 738 441 323 276 2.3											
5 to 9 7 648 2 387 2 305 1 201 854 360 229 149 163 2.1											
10 to 19 4 374 1 768 1 570 595 277 75 33 28 28 1.8											
20 or more 6 182 3 193 1 820 675 286 128 42 24 14 1.5											
Mobile home or trailer 719 172 189 189 84 47 26 15 7 2.5											
COMPLETE BATHROOMS											
1 and 1 1/2 52 791 12 246 14 838 9 684 7 047 3 942 2 350 1 463 1 221 2.5											
2 or more 1 510 134 396 231 214 189 179 69 98 1.5											
None or also used by another household 4 524 2 670 764 295 296 201 121 85 92 3.5											
HOUSEHOLD COMPOSITION											
Two-or-more-person households											
43 761											
Male head, wife present, no nonrelatives 33 096 11 352 7 819 6 042 3 497 2 148 1 218 1 020 3.1											
Under 25 years 6 475 2 838 2 231 1 043 264 54 28 17 2.7											
25 to 34 years 10 875 2 587 2 753 2 610 1 517 846 336 226 315 3.5											
35 to 44 years 5 513 841 868 1 137 959 743 544 421 421 4.4											
45 to 64 years 8 110 3 462 1 730 1 107 690 492 283 346 346 2.8											
65 years and over 2 123 1 624 237 145 67 13 27 10 2.2											
Other male head 2 624 1 644 523 209 123 43 43 39 39 2.3											
Under 65 years 2 373 1 453 494 194 112 38 43 39 39 2.2											
65 years and over 251 191 29 15 5 5 5 5 5 2.3											
Female head 8 041 3 061 1 873 1 199 702 479 387 340 334 3.0											
Under 65 years 7 291 2 502 1 776 1 150 693 465 371 340 340 3.1											
65 years and over 750 559 97 49 9 14 16 6 6 2.2											
One-person households 15 051 15 051 1.0											
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied²											
57 366											
Less than 10 percent 6 492 1 628 1 801 1 212 763 462 329 139 158 2.4											
10 to 14 percent 12 829 2 360 4 002 2 493 1 801 1 032 550 308 283 2.4											
15 to 19 percent 10 798 2 003 2 845 2 135 1 602 880 538 308 283 2.5											
20 to 24 percent 4 396 1 284 1 676 1 146 1 075 488 309 204 214 2.8											
25 to 34 percent 6 126 1 720 1 588 1 076 678 397 287 204 214 2.7											
35 percent or more 11 333 4 637 2 964 1 460 946 548 345 237 143 2.3											
Not computed 3 392 1 290 856 417 360 275 109 34 51 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 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				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	1 106	211	400	495	Vacant for rent	3 945	2 133	981	831
ROOMS					ROOMS				
1 to 3 rooms	82	7	35	40	1 room	625	444	112	69
4 rooms	228	46	66	116	2 rooms	466	300	89	77
5 rooms	387	74	140	173	3 rooms	885	461	230	194
6 rooms	236	45	97	94	4 rooms	1 279	629	335	315
7 rooms or more	173	39	62	72	5 rooms	515	210	162	143
					6 rooms	137	76	39	22
					7 rooms or more	38	13	14	11
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	1 017	208	379	430	With all plumbing facilities	3 200	1 679	821	700
Lacking some or all plumbing facilities	89	3	21	65	Lacking some or all plumbing facilities	745	454	160	131
BEDROOMS					BEDROOMS				
None and 1	71	13	18	40	None	688	461	99	128
2	399	152	125	122	1	1 371	856	230	285
3	377	59	151	167	2	1 684	668	519	497
4 or more	163	-	134	29	3 or more	222	147	57	18
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	153	10	81	62	1969 to March 1970	202	61	8	133
1960 to 1968	192	41	63	88	1960 to 1968	232	149	69	14
1950 to 1959	265	57	102	106	1950 to 1959	283	158	42	83
1949 or earlier	496	103	154	239	1949 or earlier	3 228	1 765	862	601
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	984	177	384	423	1	587	252	209	126
2 or more	122	34	16	72	2 to 4	1 495	733	348	414
					5 to 9	729	441	204	84
					10 to 19	391	257	95	39
					20 or more	743	450	125	168
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	121	40	49	32	Specified vacant for rent ²	3 910	2 117	972	821
Warm-air furnace	832	155	304	373	Less than \$50	529	294	123	112
Built-in electric units	7	-	3	4	\$50 to \$59	363	181	93	89
Floor, wall, or pipeless furnace	22	9	-	13	\$60 to \$79	1 222	626	321	275
Other means	99	4	39	56	\$80 to \$99	804	473	226	105
None	25	3	5	17	\$100 to \$119	350	210	79	61
					\$120 to \$149	346	251	75	20
					\$150 to \$199	223	82	52	89
					\$200 or more	73	-	3	70
					Median rent asked	\$77	\$79	\$77	\$75
SALES PRICE ASKED									
Specified vacant for sale ¹	928	172	353	403					
Less than \$5,000	64	3	15	46					
\$5,000 to \$9,999	75	19	27	29					
\$10,000 to \$14,999	266	44	98	124					
\$15,000 to \$19,999	195	62	77	56					
\$20,000 to \$24,999	132	31	46	55					
\$25,000 to \$34,999	133	6	65	20					
\$35,000 to \$49,999	52	7	25	20					
\$50,000 or more	11	-	-	11					
Median price asked	\$16 500	\$16 600	\$17 400	\$15 200					

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

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

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

The SMSA	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	928	139	266	195	132	133	63	3 910	892	1 222	804	696	223	73
PLUMBING FACILITIES														
With all plumbing facilities	762	51	268	167	72	136	68	3 212	308	1 176	756	639	235	98
Lacking some or all plumbing facilities	61	61	-	-	-	-	-	721	443	216	16	25	21	-
BEDROOMS														
None and 1	43	43	-	-	-	-	-	2 059	564	828	326	320	21	-
2	304	51	139	114	-	-	-	1 684	187	551	361	296	204	85
3	359	18	115	53	55	67	51	160	-	-	68	48	31	13
4 or more	117	-	14	-	17	69	17	30	-	13	17	-	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	149	-	3	21	26	76	23	202	-	-	-	43	95	64
1960 to 1968	170	10	29	61	28	42	-	222	11	10	25	132	44	-
1950 to 1959	243	36	89	48	40	6	24	283	80	62	64	66	25	6
1949 or earlier	366	93	145	65	38	9	16	3 203	821	1 150	715	455	59	3
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	552	96	135	137	136	42	6
2 to 4 .....	...	...	...	...	...	...	...	1 495	311	537	362	247	35	3
5 to 19 .....	...	...	...	...	...	...	...	1 120	295	342	241	182	60	-
20 or more .....	...	...	...	...	...	...	...	743	190	208	64	131	86	64
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	1 868	503	578	396	321	70	-
Some or no utilities included .....	...	...	...	...	...	...	...	2 042	389	644	408	375	153	73

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

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied ¹	15 681	1 085	641	1 220	1 676	3 641	3 581	2 526	914	126	11	260	97
ROOMS													
1 room	602	258	50	165	34	54	5	12	-	-	4	20	57
2 rooms	876	124	112	182	139	163	114	26	-	-	-	16	71
3 rooms	3 106	329	142	436	502	962	524	144	38	-	-	29	82
4 rooms	6 899	248	262	335	693	1 828	1 903	1 207	303	34	-	86	100
5 rooms	2 736	63	33	90	235	502	696	712	327	18	-	60	112
6 rooms	1 172	57	37	12	62	114	292	364	147	59	-	28	120
7 rooms	190	6	5	-	11	18	27	48	58	5	7	5	136
8 rooms or more	100	-	-	-	-	-	20	13	41	10	-	16	-
Median	4.0	3.0	3.6	3.1	3.7	3.9	4.1	4.4	4.9	5.7	-	4.3	-
PERSONS													
1 person	3 728	606	225	550	556	837	497	252	75	9	11	110	78
2 persons	3 572	213	143	312	409	961	894	485	105	5	-	45	94
3 persons	2 685	92	116	148	237	668	739	496	135	24	-	30	102
4 persons	2 022	76	71	87	107	525	513	417	159	35	-	32	105
5 persons	1 263	27	34	48	120	226	313	326	126	17	-	26	110
6 persons or more	2 411	71	52	75	247	424	625	550	314	36	-	17	110
Median	2.7	1.4	2.2	1.7	2.2	2.5	3.0	3.6	4.4	4.2	-	1.9	-
Units with roomers, boarders, or lodgers	475	11	32	24	42	99	130	77	18	12	-	30	102
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	5 126	326	196	427	628	1 305	1 190	701	190	28	7	22	94
0.51 to 1.00	6 042	331	200	366	546	1 497	1 412	1 116	426	75	-	78	101
1.01 to 1.50	2 075	58	43	75	198	399	609	465	200	17	-	11	109
1.51 or more	885	22	25	52	103	182	244	167	75	6	-	9	104
Lacking some or all plumbing facilities													
0.50 or less	1 553	348	176	300	201	258	126	77	23	-	4	40	68
0.51 to 1.00	572	123	69	104	99	78	64	14	7	-	-	14	68
1.01 to 1.50	710	209	85	149	54	115	30	39	5	-	4	20	63
1.51 or more	133	-	11	11	28	34	27	5	11	-	-	6	91
Median	1.38	1.6	1.1	1.36	2.0	3.1	2.5	1.9	-	-	-	-	7.3
BEDROOMS													
None	639	229	21	148	59	73	88	-	-	-	-	21	64
1	4 194	511	250	620	651	1 164	743	168	40	-	-	47	81
2	8 130	258	209	424	718	2 184	2 315	1 634	322	21	-	45	102
3 or more	2 726	121	48	59	185	351	637	712	432	70	-	111	117
YEAR STRUCTURE BUILT													
1969 to March 1970	527	58	6	36	5	99	120	152	46	-	-	5	110
1965 to 1968	637	47	47	21	34	73	139	209	57	10	-	-	114
1960 to 1964	290	6	26	4	10	64	69	59	37	4	-	11	109
1950 to 1959	2 319	223	92	131	270	391	524	478	176	5	-	29	101
1940 to 1949	3 871	363	178	323	406	906	948	556	209	26	-	56	96
1939 or earlier	8 037	488	292	705	951	2 108	1 781	1 072	389	81	11	159	94
ELEVATOR IN STRUCTURE													
4 floors or more	607	153	-	41	34	81	168	63	67	-	-	-	89
With elevator	329	153	-	-	-	-	88	21	67	-	-	-	-
Walk-up	278	-	-	41	34	81	80	42	-	-	-	-	-
1 to 3 floors	15 082	966	528	1 210	1 579	3 691	3 615	2 451	727	91	-	224	97
COMPLETE BATHROOMS													
1 and 1 1/2	13 568	692	499	875	1 384	3 314	3 216	2 354	891	115	9	219	99
2 or more	217	17	-	17	20	21	32	45	34	14	-	17	116
None or also used by another household	1 927	378	180	336	291	306	245	119	38	-	6	28	72
INCOME IN 1969													
Less than \$2,000	3 418	574	314	376	367	682	559	305	115	30	-	96	81
\$2,000 to \$2,999	1 309	124	83	121	199	333	224	143	51	11	-	20	87
\$3,000 to \$3,999	1 144	103	58	156	182	245	218	116	47	5	-	14	85
\$4,000 to \$4,999	975	37	44	78	138	226	244	137	42	14	-	15	97
\$5,000 to \$5,999	1 191	60	48	97	135	342	237	198	59	-	-	15	94
\$6,000 to \$6,999	1 141	65	32	104	165	238	261	164	83	6	-	23	96
\$7,000 to \$9,999	3 518	80	47	196	339	872	1 007	689	210	28	11	39	104
\$10,000 to \$14,999	2 218	15	15	69	124	504	626	591	219	23	-	32	112
\$15,000 to \$24,999	673	11	-	23	27	176	187	167	73	9	-	-	111
\$25,000 or more	94	16	-	-	-	23	18	16	15	-	-	6	-
Median	\$5 900	\$2000-	\$2 100	\$3 700	\$4 700	\$6 000	\$7 100	\$7 900	\$7 900	\$6 500	-	\$4 000	-
YEAR MOVED INTO UNIT													
1969 to March 1970	5 709	340	190	487	501	1 155	1 373	1 051	484	63	-	65	102
1968	2 141	136	115	133	178	520	511	382	120	13	-	33	99
1967	1 586	94	72	130	159	332	391	289	108	11	-	-	100
1965 and 1966	1 900	113	75	173	281	537	352	276	81	6	-	6	91
1960 to 1964	2 051	142	106	113	256	543	450	321	70	20	-	30	95
1950 to 1959	1 831	222	88	152	255	430	354	160	79	8	15	68	87
1949 or earlier	494	40	33	40	65	124	62	39	21	8	-	62	85
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 455	220	56	168	179	447	256	103	26	-	-	-	85
10 to 14 percent	3 235	85	115	274	423	953	842	468	66	9	-	-	95
15 to 19 percent	2 645	120	42	94	263	546	767	636	173	4	-	-	107
20 to 24 percent	1 549	49	64	131	118	327	338	330	176	16	-	-	105
25 to 34 percent	1 871	206	75	131	186	316	421	348	167	21	-	-	101
35 percent or more	4 118	363	212	357	462	929	853	594	276	59	11	-	94
Not computed	808	42	77	65	45	123	104	45	30	17	-	260	86
AIR CONDITIONING													
Room unit(s)	1 183	16	10	30	104	178	281	431	102	12	-	19	117
Central system	133	5	-	7	-	11	18	28	58	6	-	-	147
None	14 396	1 066	669	1 191	1 591	3 452	3 194	2 059	803	111	15	245	95

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

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

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

The SMSA	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	14 379	14 040	4 848	6 107	2 149	936	339	185	100	43	11
PERSONS											
1 person	1 217	1 121	1 112	9	-	-	96	92	4	-	-
2 persons	3 038	2 942	2 824	118	-	-	96	77	19	-	-
3 persons	2 399	2 349	742	1 597	10	-	50	16	34	-	-
4 persons	2 312	2 285	112	2 153	15	5	27	-	27	-	-
5 persons	1 735	1 725	58	1 337	293	37	10	-	-	10	-
6 persons or more	3 678	3 618	-	893	1 831	894	60	-	16	33	11
Median	3.7	3.8	2.0	4.1	6.5	7.5+	2.3	1.5	3.3	...	...
Units with roomers, boarders, or lodgers	769	726	219	380	76	51	43	21	17	5	-
YEAR STRUCTURE BUILT											
1969 to March 1970	146	134	34	66	34	-	12	12	-	-	-
1965 to 1968	741	741	197	393	130	21	-	-	-	-	-
1960 to 1964	1 099	1 099	240	577	185	97	-	-	-	-	-
1950 to 1959	4 560	4 494	1 206	2 105	800	383	66	31	14	21	-
1940 to 1949	3 241	3 149	1 163	1 344	402	240	92	41	37	6	8
1939 or earlier	4 545	4 411	2 043	1 635	538	195	134	88	27	13	6
INCOME IN 1969											
Less than \$2,000	1 543	1 440	953	348	76	63	103	90	8	5	-
\$2,000 to \$2,999	565	534	318	163	34	19	31	31	-	-	-
\$3,000 to \$3,999	615	592	393	135	54	10	23	4	19	-	-
\$4,000 to \$4,999	503	495	242	171	60	22	8	4	4	-	-
\$5,000 to \$5,999	567	533	229	195	82	27	34	10	18	-	6
\$6,000 to \$6,999	739	719	249	328	100	42	20	16	4	-	-
\$7,000 to \$9,999	3 192	3 153	993	1 358	543	259	39	10	24	5	-
\$10,000 to \$14,999	4 150	4 089	942	1 997	814	336	61	15	19	22	5
\$15,000 to \$24,999	2 197	2 181	435	1 258	355	133	16	5	-	11	-
\$25,000 or more	308	304	94	154	31	25	4	-	4	-	-
Median	\$9 500	\$9 600	\$7 100	\$10 900	\$10 800	\$10 400	\$5 100	\$2 100	\$6 300	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	11 148	10 958	3 418	5 026	1 750	764	190	91	60	28	11
Less than 1.5	5 183	5 094	1 109	2 564	974	447	89	5	45	28	11
1.5 to 1.9	2 271	2 262	607	1 130	402	123	9	5	4	-	-
2.0 to 2.4	1 075	1 065	364	505	121	75	10	10	-	-	-
2.5 to 2.9	588	577	221	249	88	19	11	8	3	-	-
3.0 to 3.9	510	493	252	162	47	32	17	13	4	-	-
4.0 or more	1 299	1 258	731	346	113	68	41	37	4	-	-
Not computed	222	209	134	70	5	-	13	13	-	-	-
HEATING EQUIPMENT											
Steam or hot water	1 755	1 703	741	681	235	46	52	24	28	-	-
Warm-air furnace	9 894	9 739	3 191	4 426	1 497	625	155	98	26	20	11
Built-in electric units	173	168	49	81	17	21	5	-	5	-	-
Floor, wall, or pipeless furnace	359	344	117	165	32	30	15	10	5	-	-
Other means	2 193	2 081	745	754	368	214	112	53	36	23	-
None	5	5	5	-	-	-	-	-	-	-	-
Renter occupied housing units	15 896	14 333	5 163	6 179	2 094	897	1 563	577	710	133	143
PERSONS											
1 person	3 757	2 934	2 767	167	-	-	823	450	373	-	-
2 persons	3 611	3 281	2 234	1 042	-	5	330	123	169	-	38
3 persons	2 744	2 636	162	2 411	46	17	108	4	73	19	12
4 persons	2 047	1 956	-	1 758	169	29	91	-	60	17	14
5 persons	1 288	1 228	-	583	571	74	60	-	16	29	15
6 persons or more	2 449	2 298	-	218	1 308	772	151	-	19	68	64
Median	2.7	2.9	1.4	3.3	5.9	7.4	1.4	1.1	1.5	5.5	5.0
Units with roomers, boarders, or lodgers	475	389	160	192	22	15	86	21	44	10	11
YEAR STRUCTURE BUILT											
1969 to March 1970	488	482	172	246	41	23	6	-	-	6	-
1965 to 1968	605	593	194	264	112	23	12	-	-	6	6
1960 to 1964	275	255	78	136	35	6	20	13	7	-	-
1950 to 1959	2 374	2 249	641	1 078	376	154	125	30	48	30	17
1940 to 1949	4 022	3 774	1 334	1 624	595	221	248	107	121	13	7
1939 or earlier	8 153	7 055	2 735	2 916	882	522	1 098	412	537	60	89
INCOME IN 1969											
Less than \$2,000	3 479	2 922	1 525	1 014	250	133	557	317	194	23	23
\$2,000 to \$2,999	1 332	1 182	497	457	174	54	150	32	69	19	30
\$3,000 to \$3,999	1 173	1 068	368	455	124	121	105	31	46	11	17
\$4,000 to \$4,999	980	901	255	459	146	41	79	17	62	-	-
\$5,000 to \$5,999	1 191	1 073	368	469	169	67	118	55	51	7	5
\$6,000 to \$6,999	1 146	971	305	408	183	75	175	28	115	22	10
\$7,000 to \$9,999	3 576	3 351	1 110	1 476	552	213	225	58	116	34	17
\$10,000 to \$14,999	2 246	2 134	577	1 083	353	121	112	32	32	12	36
\$15,000 to \$24,999	679	644	141	321	120	62	35	-	25	5	5
\$25,000 or more	94	87	17	37	23	10	7	7	-	-	-
Median	\$5 800	\$6 000	\$4 800	\$6 600	\$7 000	\$6 400	\$3 700	\$2 000-	\$4 700	\$6 300	\$5 300
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	15 681	14 128	5 126	6 042	2 075	885	1 553	572	710	133	138
Less than 10 percent	1 455	1 250	316	631	203	100	205	36	136	7	26
10 to 14 percent	3 235	2 926	962	1 411	384	169	309	88	153	26	42
15 to 19 percent	2 645	2 499	785	1 085	473	156	146	51	76	14	5
20 to 24 percent	1 549	1 437	464	597	278	98	112	28	35	38	11
25 to 34 percent	1 871	1 735	548	774	295	118	136	59	60	-	17
35 percent or more	4 118	3 605	1 673	1 307	407	218	513	248	198	35	32
Not computed	808	676	378	237	35	26	132	62	52	13	5
HEATING EQUIPMENT											
Steam or hot water	3 834	3 342	1 521	1 352	320	149	492	144	274	12	62
Warm-air furnace	6 024	5 662	1 841	2 618	914	289	362	119	194	29	20
Built-in electric units	532	513	152	253	77	31	19	5	4	10	-
Floor, wall, or pipeless furnace	479	448	155	189	75	29	31	4	22	-	5
Other means	4 975	4 328	1 487	1 744	703	394	647	298	211	82	56
None	52	40	7	23	5	5	12	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 A-15. Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

The SMSA

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	14 379	18	84	263	3 121	5 853	3 252	1 033	755	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 854	14	73	222	2 887	5 638	3 203	1 066	751	5.2
PERSONS										
1 person	1 217	13	14	72	498	414	150	36	20	4.5
2 persons	3 038	—	33	104	894	1 299	579	60	69	4.9
3 persons	2 399	—	10	19	567	1 045	503	142	113	5.1
4 persons	2 312	—	5	15	481	988	527	184	112	5.2
5 persons	1 735	—	12	25	303	671	466	155	103	5.3
6 persons or more	3 678	5	10	28	378	1 436	1 027	456	338	5.3
Median	3.7	—	—	2.1	2.8	3.7	4.2	5.1	—	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	14 040	14	69	240	3 002	5 761	3 181	1 027	746	—
0.50 or less	4 848	—	9	58	1 329	1 657	1 196	232	367	5.1
0.51 to 1.00	6 107	9	23	114	1 017	2 679	1 329	629	307	5.2
1.01 to 1.50	2 149	—	10	15	422	981	550	116	55	5.1
1.51 or more	936	5	27	53	234	444	106	50	17	4.8
Lacking some or all plumbing facilities	339	4	15	23	119	92	71	6	9	4.6
0.50 or less	185	—	5	14	63	56	36	6	5	4.7
0.51 to 1.00	100	4	10	9	31	25	17	—	4	4.4
1.01 to 1.50	43	—	—	—	20	11	12	—	—	—
1.51 or more	11	—	—	—	5	—	6	—	—	—
BEDROOMS										
None and 1	533	19	90	229	162	33	—	—	—	3.2
2	5 716	—	—	99	2 878	33	—	—	—	4.5
3	6 601	—	—	—	193	2 370	324	26	19	5.4
4 or more	1 527	—	—	—	—	3 571	2 230	402	205	6.9
YEAR STRUCTURE BUILT										
1969 to March 1970	149	—	—	4	12	49	64	15	5	5.6
1960 to 1968	1 858	—	6	12	150	947	413	181	149	5.3
1950 to 1959	4 528	10	10	53	946	2 201	909	216	183	5.1
1949 or earlier	7 844	8	68	194	2 013	2 656	1 866	621	418	5.1
COMPLETE BATHROOMS										
1 and 1 1/2	11 967	6	69	214	2 644	5 179	2 744	799	312	5.1
2 or more	1 956	8	4	13	273	471	474	267	446	5.9
None or also used by another household	409	5	8	26	180	104	69	—	17	4.4
VALUE-INCOME RATIO										
Specified owner occupied¹	11 148									
Less than 1.5	5 183	10	56	137	2 171	4 722	2 537	906	609	5.1
1.5 to 1.9	2 271	5	30	39	949	1 269	1 269	428	285	5.2
2.0 to 2.9	1 663	—	—	20	398	1 004	480	228	136	5.2
3.0 or more	1 809	5	12	13	369	664	389	149	67	5.2
Not computed	222	—	8	61	389	781	355	89	121	5.1
			6	4	66	90	44	12	—	4.9
Renter occupied housing units	15 896	612	876	3 141	7 001	2 766	1 199	195	106	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 775	91	535	2 686	6 438	2 590	1 150	184	101	4.1
PERSONS										
1 person	3 757	540	568	1 275	1 025	272	53	12	12	3.1
2 persons	3 611	43	200	1 011	1 817	433	91	6	10	3.8
3 persons	2 744	29	65	488	1 500	496	118	32	16	4.0
4 persons	2 047	—	43	186	1 244	371	181	22	—	4.1
5 persons	1 288	—	—	89	600	384	190	16	9	4.4
6 persons or more	2 449	—	—	92	815	810	566	107	59	4.9
Median	2.7	1.1	1.3	1.8	2.9	4.0	5.3	5.7	5.8	—
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	14 333	189	569	2 822	6 636	2 673	1 155	183	106	4.0
0.50 or less	5 163	—	359	1 114	2 665	683	254	50	38	3.9
0.51 to 1.00	6 179	167	135	1 379	2 651	1 218	479	102	48	4.0
1.01 to 1.50	2 094	—	46	169	916	611	312	25	15	4.4
1.51 or more	897	22	29	160	404	161	110	6	5	4.1
Lacking some or all plumbing facilities	1 563	423	307	319	365	93	44	12	—	2.7
0.50 or less	577	—	209	161	177	22	8	—	—	3.0
0.51 to 1.00	710	373	65	120	93	33	26	—	—	1.5
1.01 to 1.50	133	—	19	17	52	23	10	—	—	4.1
1.51 or more	143	50	14	21	43	15	—	—	—	2.9
BEDROOMS										
None	639	491	148	—	—	—	—	—	—	1.2
1	4 233	—	759	—	—	—	—	—	—	3.0
2	8 252	—	—	2 785	582	63	44	—	—	4.1
3 or more	2 794	—	—	409	6 355	1 376	68	44	—	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	527	—	16	96	251	108	27	—	9	4.1
1960 to 1968	949	6	33	170	504	180	45	—	10	4.0
1950 to 1959	2 411	46	33	268	1 272	527	231	18	16	4.2
1949 or earlier	12 009	560	794	2 607	4 974	1 951	896	156	71	3.9
COMPLETE BATHROOMS										
1 and 1 1/2	13 767	150	550	2 723	6 437	2 574	1 100	176	57	4.0
2 or more	217	—	5	26	53	31	—	8	44	5.3
None or also used by another household	1 933	468	302	410	527	144	88	14	—	3.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	15 681									
Less than 10 percent	1 455	602	876	3 106	6 899	2 736	1 172	190	100	4.0
10 to 14 percent	3 235	118	86	298	647	202	80	15	9	3.8
15 to 19 percent	2 645	140	179	635	1 508	528	190	30	25	3.9
20 to 24 percent	1 549	47	85	483	1 213	569	209	39	—	4.1
25 to 34 percent	1 871	70	54	286	705	295	166	20	—	4.1
35 percent or more	4 118	143	130	314	827	330	136	40	24	4.0
Not computed	808	61	69	149	1 720	656	324	41	20	3.9
										2.2

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

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

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

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	14 379	11 637	2 698	44	15 896	3 450	3 076	4 360	3 065	809	1 111	25
ROOMS												
1 room	18	10	8	-	612	43	22	66	116	99	266	-
2 rooms	84	56	28	-	876	45	50	247	260	102	172	-
3 rooms	263	156	107	-	3 141	385	515	941	884	211	205	-
4 rooms	3 121	2 300	797	24	7 001	1 579	1 530	1 974	1 301	288	315	14
5 rooms	5 853	4 880	958	15	2 766	836	604	729	367	88	131	11
6 rooms	3 252	2 676	571	5	1 199	417	295	352	108	16	11	-
7 rooms	1 033	932	101	-	195	80	44	32	29	5	5	-
8 rooms or more	755	627	128	-	106	65	16	19	-	-	6	-
Median	5.1	5.2	4.9	...	4.0	4.3	4.1	4.0	3.7	3.5	3.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	14 040	11 432	2 564	44	14 333	3 278	2 905	3 981	2 651	664	829	25
0.50 or less	4 848	3 573	1 271	4	5 163	914	1 043	1 442	1 066	328	321	9
0.51 to 1.00	6 107	5 259	832	16	6 179	1 390	1 292	1 716	1 065	276	435	5
1.01 to 1.50	2 149	1 813	322	14	2 094	689	421	616	267	36	54	11
1.51 or more	936	787	139	10	897	285	149	207	213	24	19	-
Lacking some or all plumbing facilities	339	205	134	-	1 563	172	171	379	414	145	282	-
0.50 or less	185	101	84	-	577	64	75	167	190	28	53	-
0.51 to 1.00	100	60	40	-	710	64	49	138	174	88	197	-
1.01 to 1.50	43	33	10	-	133	22	27	51	27	6	-	-
1.51 or more	11	11	-	-	143	22	20	23	23	23	32	-
BEDROOMS												
None	19	19	-	-	639	-	53	89	97	150	250	-
1	514	313	201	-	4 233	391	544	1 353	1 094	456	395	-
2	5 716	4 290	1 381	45	8 252	1 896	2 028	2 404	1 444	215	265	-
3	6 601	5 424	1 155	22	2 263	983	514	426	216	-	124	-
4 or more	1 527	1 438	89	-	531	246	56	170	34	25	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	149	138	11	-	527	134	66	6	80	75	157	9
1965 to 1968	787	750	32	5	643	134	84	27	65	123	204	6
1960 to 1964	1 071	1 013	54	4	306	101	39	68	46	16	36	-
1950 to 1959	4 528	4 278	224	26	2 411	1 048	294	483	434	32	120	-
1940 to 1949	3 310	2 740	561	9	3 936	1 007	842	1 221	675	120	66	5
1939 or earlier	4 534	2 718	1 816	-	8 073	1 026	1 751	2 555	1 765	443	528	5
INCOME IN 1969												
Less than \$2,000	1 543	1 060	483	-	3 479	770	603	954	668	176	303	5
\$2,000 to \$2,999	565	413	148	4	1 332	226	304	390	239	95	78	-
\$3,000 to \$3,999	615	450	165	-	1 173	247	238	340	212	56	80	-
\$4,000 to \$4,999	503	355	148	-	980	187	180	285	214	55	59	-
\$5,000 to \$5,999	567	436	131	-	1 191	185	242	354	244	83	83	-
\$6,000 to \$6,999	739	564	175	-	1 146	277	229	292	206	51	91	-
\$7,000 to \$9,999	3 192	2 623	543	26	3 576	815	663	1 014	707	183	185	9
\$10,000 to \$14,999	4 150	3 478	663	9	2 246	523	458	557	460	81	156	11
\$15,000 to \$24,999	2 197	1 969	228	-	679	196	132	160	96	29	66	-
\$25,000 or more	308	289	14	5	94	24	27	14	19	-	10	-
Median	\$9 500	\$9 900	\$7 500	...	\$5 800	\$6 400	\$5 900	\$5 600	\$5 800	\$5 300	\$5 400	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 617	1 351	253	13	5 784	1 139	1 032	1 509	1 050	357	680	17
1968	1 309	1 176	133	-	2 186	491	364	551	494	104	167	15
1967	979	838	141	-	1 593	387	309	442	337	62	56	-
1965 and 1966	1 394	1 229	158	7	1 953	473	331	552	414	90	93	-
1960 to 1964	2 666	2 253	409	4	2 057	426	450	623	423	82	53	-
1950 to 1959	3 945	3 233	705	7	1 709	351	371	533	350	50	74	-
1949 or earlier	2 422	1 543	873	6	635	119	167	176	115	42	16	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	15 881	3 235	3 076	4 360	3 065	809	1 111	25
Less than \$50	...	...	...	...	1 085	198	139	242	218	99	189	-
\$50 to \$59	...	...	...	...	641	80	96	205	104	61	95	-
\$60 to \$69	...	...	...	...	1 220	161	255	374	250	41	139	-
\$70 to \$79	...	...	...	...	1 676	226	286	610	422	70	62	-
\$80 to \$99	...	...	...	...	3 641	442	765	1 241	882	208	98	5
\$100 to \$119	...	...	...	...	3 581	823	788	966	685	174	141	4
\$120 to \$149	...	...	...	...	2 526	800	460	513	371	100	276	6
\$150 to \$199	...	...	...	...	914	353	188	137	101	36	89	10
\$200 to \$299	...	...	...	...	126	49	23	28	6	15	5	-
\$300 or more	...	...	...	...	11	-	-	-	7	-	4	-
No cash rent	...	...	...	...	260	103	76	44	19	5	13	-
Median	...	...	...	...	\$97	\$111	\$99	\$92	\$91	\$92	\$88	...
HEATING EQUIPMENT												
Steam or hot water	1 755	1 042	708	5	3 834	326	449	1 177	987	409	486	-
Warm-air furnace	9 894	8 514	1 366	14	6 024	1 729	1 494	1 375	782	197	427	20
Built-in electric units	173	157	10	6	532	197	91	52	60	57	75	-
Floor, wall, or pipeless furnace	359	274	85	-	479	135	70	107	70	17	80	-
Other means	2 193	1 650	524	19	4 975	1 046	967	1 645	1 144	129	39	5
None	5	-	5	-	52	17	5	4	22	-	4	-
AIR CONDITIONING												
Room unit(s)	2 351	1 948	389	14	1 206	247	254	227	199	70	209	-
Central system	1 199	1 105	94	-	133	17	13	-	30	7	66	-
None	10 782	8 570	2 189	23	14 578	3 122	2 757	4 159	2 954	690	864	32
AUTOMOBILES AVAILABLE												
1	7 973	6 507	1 442	24	7 014	1 496	1 370	1 923	1 392	340	476	17
2	3 469	3 078	391	-	920	270	207	193	133	24	86	7
3 or more	350	324	26	-	62	37	8	17	-	-	-	-
None	2 540	1 714	813	13	7 921	1 583	1 439	2 253	1 658	403	577	8

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

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

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	14 379	1 217	3 038	2 399	2 312	1 735	1 337	1 090	1 251	3.7
BEDROOMS										
None and 1	533	165	229	39	56	-	-	-	44	1.9
2	5 716	725	1 890	1 043	929	571	333	103	122	2.7
3	6 601	225	995	1 282	1 359	818	727	496	699	4.1
4 or more	1 527	-	54	141	127	286	236	308	375	6.2
YEAR STRUCTURE BUILT										
1969 to March 1970	149	-	18	47	29	22	21	12	-	3.8
1965 to 1968	787	26	109	154	182	114	72	65	65	4.1
1960 to 1964	1 071	27	156	160	220	145	107	117	139	4.4
1950 to 1959	4 528	287	748	739	772	598	544	395	445	4.1
1940 to 1949	3 310	332	785	518	504	408	299	194	270	3.5
1939 or earlier	4 534	545	1 222	781	605	448	294	307	332	3.1
UNITS IN STRUCTURE										
1	11 637	713	2 295	1 931	1 993	1 539	1 159	921	1 086	3.9
2 or more	2 698	500	743	457	314	196	174	164	150	2.7
Mobile home or trailer	44	4	-	11	5	-	4	5	15	...
COMPLETE BATHROOMS										
1 and 1 1/2	11 967	969	2 551	1 993	2 023	1 516	1 055	916	944	3.7
2 and 2 1/2	1 727	117	280	317	234	172	198	177	232	4.1
3 or more	1 229	32	59	47	21	22	34	7	7	3.0
None or also used by another household	409	150	77	52	22	14	30	37	27	2.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	13 162	...	3 038	2 399	2 312	1 735	1 337	1 090	1 251	4.0
Male head, wife present, no nonrelatives	10 534	...	2 164	1 911	1 883	1 455	1 154	919	1 048	4.1
Under 25 years	202	...	84	54	27	21	11	-	5	2.8
25 to 34 years	1 630	...	97	313	440	330	243	119	88	4.4
35 to 44 years	2 923	...	219	374	560	404	395	402	569	5.3
45 to 64 years	4 630	...	1 210	883	754	608	459	357	359	3.8
65 years and over	1 149	...	554	287	102	92	46	41	27	2.6
Other male head	695	...	258	158	83	81	34	18	63	3.1
Under 65 years	543	...	194	121	70	59	34	18	47	3.1
65 years and over	152	...	64	37	13	22	-	-	16	2.8
Female head	1 933	...	616	330	346	199	149	153	140	3.6
Under 65 years	1 670	...	476	281	313	177	144	145	134	3.7
65 years and over	263	...	140	49	33	22	5	8	6	2.4
One-person households	1 217	1 217	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied ¹	11 148	671	2 209	1 826	1 914	1 477	1 090	905	1 056	4.0
Less than 1.5	5 183	63	739	835	1 017	820	658	475	576	4.4
1.5 to 1.9	2 271	59	370	446	434	307	201	247	207	4.1
2.0 to 2.4	1 075	77	233	200	202	147	66	45	105	3.6
2.5 to 2.9	588	89	105	81	98	75	64	47	29	3.7
3.0 to 3.9	510	48	215	58	37	48	36	25	43	2.5
4.0 or more	1 299	254	479	170	111	63	65	66	91	2.3
Not computed	222	81	68	36	15	17	-	-	5	1.9
Renter occupied housing units	15 896	3 757	3 611	2 744	2 047	1 288	966	797	686	2.7
BEDROOMS										
None	639	457	109	53	20	-	-	-	-	1.2
1	4 233	2 189	1 144	494	243	76	44	43	-	1.5
2	8 252	1 102	1 948	1 926	1 635	778	459	250	154	3.1
3 or more	2 794	142	130	334	364	457	482	499	386	5.4
YEAR STRUCTURE BUILT										
1969 to March 1970	527	144	75	120	77	23	29	29	30	2.9
1965 to 1968	643	127	163	121	65	51	57	32	27	2.8
1960 to 1964	306	36	73	67	56	34	28	12	-	3.2
1950 to 1959	2 411	280	524	440	392	252	209	162	152	3.4
1940 to 1949	3 936	913	900	710	515	421	200	127	150	2.7
1939 or earlier	8 073	2 257	1 876	1 286	942	507	443	435	327	2.4
UNITS IN STRUCTURE										
1	3 450	510	541	597	476	438	360	275	253	3.7
2	3 076	575	734	600	435	272	187	167	106	2.9
3 and 4	4 360	934	1 078	709	618	360	270	222	169	2.7
5 to 9	3 065	893	816	500	381	131	106	111	127	2.3
10 to 19	809	333	215	135	46	32	13	12	23	1.8
20 or more	1 111	503	227	198	91	55	24	5	8	1.7
Mobile home or trailer	25	9	-	5	-	-	6	5	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	13 767	2 768	3 222	2 552	1 861	1 166	852	724	622	2.9
2 or more	217	24	48	40	37	34	7	7	20	3.4
None or also used by another household	1 933	949	386	172	126	82	69	64	85	1.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	12 139	...	3 611	2 744	2 047	1 288	966	797	686	3.4
Male head, wife present, no nonrelatives	7 168	...	2 033	1 634	1 222	823	612	463	381	3.4
Under 25 years	1 120	...	327	392	238	116	18	19	10	3.1
25 to 34 years	2 317	...	411	593	476	347	276	115	99	3.8
35 to 44 years	1 341	...	250	179	197	202	186	194	133	4.7
45 to 64 years	1 826	...	657	401	253	137	126	118	134	3.1
65 years and over	564	...	388	69	58	21	6	17	5	2.2
Other male head	802	...	470	145	80	37	23	17	30	2.4
Under 65 years	701	...	383	140	76	37	18	17	30	2.1
65 years and over	101	...	87	5	4	-	5	-	-	2.5
Female head	4 169	...	1 108	965	745	428	331	317	275	3.6
Under 65 years	3 904	...	934	939	714	419	323	306	269	3.6
65 years and over	265	...	169	31	31	9	8	11	6	2.3
One-person households	3 757	3 757	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	15 681	3 728	3 572	2 685	2 022	1 263	956	791	664	2.7
Less than 10 percent	1 455	265	339	317	172	131	110	64	57	2.9
10 to 14 percent	3 235	645	764	662	475	226	183	161	119	2.8
15 to 19 percent	2 645	452	576	476	395	238	199	201	108	3.1
20 to 24 percent	1 549	284	326	243	241	126	107	103	119	3.2
25 to 34 percent	1 871	423	371	375	213	137	166	107	79	2.9
35 percent or more	4 118	1 287	1 022	534	457	337	160	155	166	2.3
Not computed	808	372	174	78	69	68	31	-	16	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-19. Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970
 [Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	3 402	41	51	261	668	783	959	350	195	64	30	14 700
ROOMS												
1 and 2 rooms	12	—	—	—	—	—	—	—	—	—	—	—
3 rooms	62	—	—	—	—	—	—	—	—	—	—	—
4 rooms	654	33	14	29	7	12	—	—	—	—	—	—
5 rooms	1 232	8	16	58	232	185	6	—	6	—	—	—
6 rooms	813	—	—	116	259	305	123	—	7	—	—	12 400
7 rooms	318	—	15	39	88	187	364	120	54	6	—	14 400
8 rooms or more	311	—	—	19	19	57	251	139	62	32	—	16 400
Median	5.3	—	6	29	41	42	83	49	66	13	12	19 000
PERSONS												
1 person	66	6	6	—	—	—	—	—	—	—	—	—
2 persons	396	7	5	55	44	5	5	—	—	—	—	—
3 persons	460	22	—	21	86	101	97	32	—	—	—	—
4 persons	623	6	—	40	61	140	104	68	13	—	—	13 600
5 persons	623	—	—	37	121	139	209	62	39	24	19	15 800
6 persons or more	1 234	—	8	108	248	282	358	63	58	—	11	15 200
Median	4.8	—	32	37	121	139	186	63	58	—	19	15 800
Units with roomers, boarders, or lodgers	44	—	—	4.9	4.8	4.7	4.8	125	53	28	—	14 500
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities												
0.50 or less	3 381	35	42	261	662	783	959	350	195	64	30	14 700
0.51 to 1.00	628	13	6	55	142	142	176	57	18	—	7	14 200
1.01 to 1.50	1 855	22	13	135	257	450	525	234	144	52	23	15 500
1.51 or more	637	—	14	41	185	135	189	40	33	—	—	14 000
Lacking some or all plumbing facilities												
0.50 or less	261	6	9	30	78	56	69	19	—	—	—	13 100
0.51 to 1.00	21	—	—	—	—	—	—	—	—	—	—	—
1.01 to 1.50	6	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	9	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	79	—	—	—	—	—	—	—	—	—	—	—
1965 to 1968	235	—	—	—	—	7	12	—	—	—	—	—
1960 to 1964	326	—	—	—	—	21	59	77	31	11	11	—
1950 to 1959	968	5	—	40	26	34	97	81	53	19	6	22 400
1940 to 1949	747	—	25	93	155	201	233	372	74	14	—	20 400
1939 or earlier	1 047	36	26	128	286	257	224	70	—	—	—	15 100
COMPLETE BATHROOMS												
1 and 1 1/2	2 762	35	36	233	600	683	784	214	131	34	12	14 200
2 and 2 1/2	526	—	6	28	42	81	162	115	58	23	11	18 500
3 or more	65	—	—	—	5	12	7	21	6	—	—	—
None or also used by another household	49	6	9	—	21	7	6	—	—	—	—	—
HOUSEHOLD COMPOSITION												
Two-or-more-person households												
Male head, wife present, no nonrelatives	3 336	35	45	261	624	778	954	350	195	64	30	14 800
Under 25 years	3 102	35	45	245	562	715	893	325	195	57	30	14 800
25 to 34 years	71	—	—	—	30	19	13	9	—	—	—	—
35 to 44 years	608	9	—	—	82	139	255	78	30	27	—	15 300
45 to 64 years	1 129	—	5	13	110	153	183	132	117	18	18	15 900
65 years and over	1 120	14	31	123	264	233	289	99	43	12	12	13 900
Other male head	174	12	—	27	19	55	49	7	5	—	—	13 800
Under 65 years	107	—	—	11	20	22	42	5	—	—	—	15 100
65 years and over	85	—	—	—	13	14	35	7	—	—	—	—
Female head	22	—	—	—	7	8	7	—	—	—	—	—
Under 65 years	127	—	—	—	42	41	19	20	—	—	—	—
65 years and over	114	—	—	5	—	—	—	20	—	—	—	—
One-person households												
Under 65 years	13	—	—	—	42	41	13	6	—	—	—	13 500
65 years and over	66	6	—	—	19	5	5	—	—	—	—	13 100
INCOME IN 1969												
Less than \$2,000	140	6	—	18	80	12	20	4	—	—	—	—
\$2,000 to \$2,999	49	—	—	7	6	15	21	—	—	—	—	—
\$3,000 to \$3,999	91	12	8	7	29	21	14	—	—	—	—	11 400
\$4,000 to \$4,999	70	—	—	—	20	17	5	—	—	—	—	—
\$5,000 to \$5,999	29	—	—	—	17	5	13	—	—	—	—	—
\$6,000 to \$6,999	170	—	—	—	28	6	18	5	—	—	—	—
\$7,000 to \$9,999	829	—	6	17	28	61	40	—	—	—	—	—
\$10,000 to \$14,999	1 342	23	28	87	233	219	289	144	39	18	—	13 900
\$15,000 to \$24,999	595	—	9	81	215	233	219	200	95	39	—	13 200
\$25,000 or more	87	—	—	29	57	130	216	89	41	18	13	16 100
Median	11 200	—	—	—	13	42	42	14	7	11	—	16 400
YEAR MOVED INTO UNIT												
1969 to March 1970	558	6	6	19	106	147	125	54	52	25	18	14 900
1968	353	—	—	27	25	65	137	64	27	8	—	16 600
1967	285	9	—	21	92	53	56	16	25	7	6	13 500
1965 and 1966	481	—	—	22	90	136	126	59	24	12	—	14 600
1960 to 1964	823	15	7	80	141	204	232	77	61	6	—	14 600
1950 to 1959	764	11	26	64	186	128	257	74	6	6	—	14 400
1949 or earlier	138	—	—	28	28	50	26	—	—	—	—	13 200
HEATING EQUIPMENT												
Steam or hot water	342	8	—	5	41	64	86	79	19	28	12	18 100
Warm-air furnace	2 648	33	37	204	496	601	783	264	176	36	18	14 800
Built-in electric units	13	—	—	—	7	6	—	—	—	—	—	—
Floor, wall, or pipeless furnace	83	—	—	6	51	14	12	—	—	—	—	—
Other means	316	—	14	46	73	98	78	7	—	—	—	—
None	—	—	—	—	—	—	—	—	—	—	—	13 100
AIR CONDITIONING												
Room unit(s)	959	—	—	—	—	—	—	—	—	—	—	—
Central system	324	—	6	41	181	224	340	102	45	8	12	15 300
None	2 119	41	45	213	461	520	506	205	61	24	11	19 000

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

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

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

The SMSA

	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	4 041	260	175	306	421	1 191	803	530	216	57	—	82	94
ROOMS													
1 room	170	105	17	27	—	7	7	7	—	—	—	—	50—
2 rooms	386	72	22	63	90	57	69	6	—	—	—	7	74
3 rooms	814	35	64	114	124	266	83	72	—	17	—	—	84
4 rooms	1 337	12	51	83	136	536	260	159	85	—	—	15	93
5 rooms	809	18	—	5	63	258	255	143	46	13	—	8	104
6 rooms	425	13	13	9	8	40	116	112	70	27	—	17	121
7 rooms	55	5	8	5	—	7	8	14	8	—	—	—	—
8 rooms or more	45	—	—	—	—	—	5	17	7	—	—	—	—
Median	4.0	1.8	3.3	3.1	3.5	4.0	4.4	4.6	5.0	...	—	16	...
PERSONS													
1 person	640	182	63	112	48	108	84	20	15	—	—	8	66
2 persons	711	17	43	39	106	246	127	105	21	—	—	7	90
3 persons	798	12	15	74	85	300	156	64	51	14	—	27	91
4 persons	675	5	7	55	88	198	129	121	55	17	—	—	98
5 persons	437	5	10	17	39	158	97	72	19	6	—	14	98
6 persons or more	780	39	37	9	55	181	210	148	55	20	—	26	105
Median	3.3	1.2	2.1	2.5	3.2	3.3	3.8	4.1	3.9	...	—	...	...
Units with roomers, boarders, or lodgers	78	—	—	20	—	32	7	6	6	7	—	—	...
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	3 743	141	152	241	407	1 147	777	523	216	57	—	82	95
0.50 or less	796	45	53	79	79	240	156	82	47	7	—	8	92
0.51 to 1.00	1 830	70	35	110	183	572	366	278	139	18	—	59	96
1.01 to 1.50	783	26	28	40	97	229	157	129	30	32	—	15	97
1.51 or more	334	—	36	12	48	106	98	34	—	—	—	—	95
Lacking some or all plumbing facilities	298	119	23	65	14	44	26	7	—	—	—	—	61
0.50 or less	121	32	16	29	8	23	13	—	—	—	—	—	64
0.51 to 1.00	130	74	7	29	6	7	—	7	—	—	—	—	50—
1.01 to 1.50	12	7	—	—	—	—	5	—	—	—	—	—	...
1.51 or more	35	6	—	7	—	14	8	—	—	—	—	—	...
YEAR STRUCTURE BUILT													
1969 to March 1970	52	6	—	—	—	7	8	15	8	8	—	—	...
1965 to 1968	131	13	7	—	—	16	41	6	48	—	—	—	114
1960 to 1964	124	5	4	6	—	—	14	52	19	16	—	8	137
1950 to 1959	318	23	—	26	52	56	47	61	34	11	—	8	99
1940 to 1949	741	35	23	25	52	249	198	98	40	13	—	8	98
1939 or earlier	2 675	178	141	249	317	863	495	298	67	9	—	58	90
COMPLETE BATHROOMS													
1 and 1 1/2	3 537	120	144	230	400	1 081	771	489	196	46	—	60	96
2 or more	136	21	8	5	—	16	6	34	20	11	—	15	...
None or also used by another household	368	119	23	71	21	94	26	7	—	—	—	7	65
INCOME IN 1969													
Less than \$2,000	401	62	40	43	50	111	62	33	—	—	—	—	81
\$2,000 to \$2,999	198	39	13	7	20	63	9	24	8	—	—	15	86
\$3,000 to \$3,999	204	20	—	31	25	58	53	17	—	—	—	—	91
\$4,000 to \$4,999	228	8	19	36	47	59	36	16	—	—	—	—	90
\$5,000 to \$5,999	377	21	31	55	41	85	68	57	14	5	—	—	89
\$6,000 to \$6,999	470	43	13	27	49	180	46	75	29	—	—	8	89
\$7,000 to \$9,999	1 202	45	45	62	150	420	263	88	90	16	—	23	90
\$10,000 to \$14,999	753	22	14	26	39	192	208	154	61	12	—	25	107
\$15,000 to \$24,999	164	—	—	12	—	23	58	51	—	9	—	11	114
\$25,000 or more	44	—	—	7	—	—	—	15	7	15	—	—	...
Median	\$7 300	\$5 000	\$5 500	\$5 700	\$6 600	\$7 300	\$8 500	\$8 500	\$8 700	...	—	...	...
YEAR MOVED INTO UNIT													
1969 to March 1970	1 749	119	88	149	228	461	330	192	123	41	—	18	93
1968	718	28	44	56	78	161	194	107	22	16	—	7	97
1967	409	13	25	22	6	198	59	66	13	—	—	7	92
1965 and 1966	469	27	—	32	43	140	119	58	34	—	—	16	98
1960 to 1964	477	43	6	30	53	172	60	78	13	—	—	22	89
1950 to 1959	200	30	7	12	13	59	35	29	11	—	—	4	94
1949 or earlier	19	—	—	5	—	—	6	—	—	—	—	8	...
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	563	108	66	81	47	131	78	38	7	7	—	...	76
10 to 14 percent	1 228	50	44	83	161	451	270	152	—	17	—	...	89
15 to 19 percent	778	26	12	51	71	265	201	92	54	6	—	...	97
20 to 24 percent	394	14	7	34	47	83	84	63	62	—	—	...	103
25 to 34 percent	408	37	6	14	33	74	62	105	64	13	—	...	113
35 percent or more	485	14	24	43	55	180	71	55	29	14	—	...	93
Not computed	185	11	16	—	7	7	37	25	—	—	—	82	106
AIR CONDITIONING													
Room unit(s)	627	13	18	25	28	146	172	111	67	21	—	26	108
Central system	48	—	—	—	—	—	—	13	14	21	—	—	...
None	3 366	247	157	281	393	1 045	631	406	135	15	—	56	91

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

Table A-21. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

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

The SMSA

	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	4 237	188	78	114	104	67	208	1 068	1 620	697	93	10 900
ROOMS												
1 and 2 rooms	12	—	—	—	—	—	—	—	—	12	—	...
3 rooms	107	16	—	—	8	—	—	46	19	5	—	8 500
4 rooms	917	59	6	45	40	40	43	289	322	66	6	9 300
5 rooms	1 531	81	48	24	24	27	66	376	648	231	6	10 900
6 rooms	945	14	6	32	21	—	57	228	362	184	41	11 600
7 rooms or more	725	18	18	13	11	—	35	129	269	199	33	12 600
PERSONS												
1 person	114	70	7	6	6	5	—	—	14	—	—	2000—
2 persons	520	48	29	52	31	20	6	130	131	56	—	8 300
3 and 4 persons	1 288	31	—	23	31	13	49	336	548	232	25	11 500
5 persons	749	—	23	8	13	6	23	196	319	139	22	11 700
6 persons or more	1 566	39	19	25	23	20	110	406	608	270	46	11 200
Units with roomers, boarders, or lodgers	79	—	6	4	—	—	—	41	16	12	—	...
YEAR STRUCTURE BUILT												
1969 to March 1970	79	—	—	—	—	—	5	19	44	—	11	...
1960 to 1968	619	17	—	—	13	—	18	103	327	120	21	12 400
1950 to 1959	1 035	32	16	35	20	18	24	250	396	204	40	11 500
1949 or earlier	2 504	139	62	79	71	49	161	696	853	373	21	10 000
YEAR MOVED INTO UNIT												
1969 to March 1970	736	41	6	—	28	26	62	242	234	86	11	9 500
1968	434	—	—	13	8	6	4	85	255	55	8	12 000
1960 to 1967	1 904	43	44	51	31	7	101	538	762	281	46	10 900
1959 or earlier	1 163	104	28	50	37	28	41	203	369	275	28	11 200
SELECTED CHARACTERISTICS												
With air conditioning	1 519	23	8	12	31	5	58	305	660	351	66	12 400
Room unit(s)	1 195	18	8	12	31	5	58	243	509	293	18	12 200
Central system	324	5	—	—	—	—	—	62	151	58	48	13 100
Automobiles available:												
1	2 310	95	40	65	67	42	167	695	870	256	13	9 900
2	1 337	18	7	24	12	—	28	237	637	330	44	12 700
3 or more	185	6	—	—	—	5	—	14	54	70	36	16 900
Renter occupied housing units	4 056	401	207	204	228	377	470	1 202	759	164	44	7 400
ROOMS												
1 room	170	15	34	20	8	37	20	22	14	—	—	5 200
2 rooms	386	80	32	14	29	49	15	117	35	—	—	5 800
3 rooms	814	108	25	59	60	79	134	202	107	25	15	6 600
4 rooms	1 337	97	60	26	61	122	133	539	232	58	9	7 900
5 rooms	824	58	42	56	56	68	86	157	255	32	14	7 900
6 rooms or more	525	43	14	29	14	22	82	165	116	34	6	8 100
PERSONS												
1 person	640	155	82	27	59	96	34	139	34	7	7	4 900
2 persons	711	67	30	45	29	108	93	162	149	12	16	6 800
3 and 4 persons	1 473	95	32	84	76	76	161	571	312	51	15	8 100
5 persons	437	40	15	13	31	34	64	106	94	40	—	7 600
6 persons or more	795	44	48	35	33	63	118	224	170	54	6	7 800
Units with roomers, boarders, or lodgers	78	8	5	7	—	19	11	13	9	—	6	...
YEAR STRUCTURE BUILT												
1969 to March 1970	52	6	—	—	—	6	9	16	7	—	8	...
1960 to 1968	255	13	7	14	13	—	35	72	72	22	7	8 900
1950 to 1959	318	7	32	19	13	12	38	118	51	12	16	8 000
1949 or earlier	3 431	375	168	171	202	359	388	996	629	130	13	7 200
YEAR MOVED INTO UNIT												
1969 to March 1970	1 758	222	93	102	141	204	205	439	299	29	24	6 600
1968	718	51	31	30	47	50	65	254	153	23	14	8 000
1960 to 1967	1 361	107	75	72	40	110	180	432	243	96	6	7 700
1959 or earlier	219	21	8	—	—	13	20	77	64	16	—	8 900
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied:												
Less than 15 percent	4 041	401	198	204	228	377	470	1 202	753	164	44	7 400
15 to 19 percent	1 791	—	6	13	15	82	115	738	625	153	44	9 700
20 to 24 percent	778	—	19	7	38	98	217	315	84	—	—	7 100
25 to 34 percent	394	—	21	24	87	111	63	75	13	—	—	5 600
35 percent or more	408	37	21	100	68	67	42	42	6	—	—	4 700
Not computed	485	261	116	60	20	19	—	9	—	—	—	2000—
185	103	15	—	—	—	—	8	23	25	11	—	2000—
SELECTED CHARACTERISTICS												
With air conditioning	675	20	38	13	14	38	29	266	168	60	29	9 100
Room unit(s)	627	20	38	13	14	33	29	251	149	51	29	9 000
Central system	48	—	—	—	—	5	—	15	19	9	—	...
Automobiles available:												
1	2 274	94	69	103	89	158	297	793	580	75	16	8 200
2	292	7	—	7	10	10	23	90	81	42	22	10 000
3 or more	48	10	—	—	—	—	—	—	18	14	6	...

Excludes one-family homes on 10 acres or more.

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

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

The SMSA	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	4 237	4 183	831	2 132	851	369	54	17	20	9	8
PERSONS											
1 person	114	109	109	-	-	-	5	5	-	-	-
2 persons	520	514	503	11	-	-	6	6	-	-	-
3 persons	580	572	169	403	-	-	8	-	8	-	-
4 persons	708	696	42	625	17	12	12	6	6	-	-
5 persons	749	749	8	636	105	-	-	-	-	-	-
6 persons or more	1 566	1 543	-	457	729	357	23	-	6	9	8
Median	4.8	4.8	2.1	4.5	6.5	7.5+	...	...	...	...	...
Units with roomers, boarders, or lodgers	79	73	15	41	17	-	6	-	6	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	79	79	-	72	-	7	-	-	-	-	-
1965 to 1968	271	271	36	171	64	-	-	-	-	-	-
1960 to 1964	348	348	49	205	64	30	-	-	-	-	-
1950 to 1959	1 035	1 021	190	525	216	90	14	6	8	-	-
1940 to 1949	869	854	143	392	170	149	15	-	6	9	-
1939 or earlier	1 635	1 610	413	767	337	93	25	11	6	-	8
INCOME IN 1969											
Less than \$2,000	188	183	107	42	20	14	5	5	-	-	-
\$2,000 to \$2,999	78	78	36	35	-	7	-	-	-	-	-
\$3,000 to \$3,999	114	114	69	20	25	-	-	-	-	-	-
\$4,000 to \$4,999	104	96	43	30	15	8	8	-	8	-	-
\$5,000 to \$5,999	67	67	28	13	13	13	-	-	-	-	-
\$6,000 to \$6,999	208	208	26	109	45	28	-	-	-	-	-
\$7,000 to \$9,999	1 068	1 048	180	532	191	145	20	6	6	-	8
\$10,000 to \$14,999	1 620	1 614	236	886	380	112	6	-	6	-	-
\$15,000 to \$24,999	697	682	100	398	148	36	15	6	-	9	-
\$25,000 or more	93	93	6	67	14	6	-	-	-	-	-
Median	\$10 900	\$10 900	\$8 800	\$11 600	\$11 500	\$9 400	...	...	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	3 402	3 381	628	1 855	637	261	21	6	6	9	-
Less than 1.5	1 686	1 665	254	871	383	157	21	6	6	9	-
1.5 to 1.9	830	830	125	460	176	69	-	-	-	-	-
2.0 to 2.4	319	319	42	229	34	14	-	-	-	-	-
2.5 to 2.9	136	136	31	105	-	-	-	-	-	-	-
3.0 to 3.9	164	164	53	88	23	-	-	-	-	-	-
4.0 or more	243	243	110	91	21	21	-	-	-	-	-
Not computed	24	24	13	11	-	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water	581	568	110	278	128	52	13	5	-	-	8
Warm-air furnace	3 108	3 082	612	1 633	601	236	26	6	20	-	-
Built-in electric units	18	18	-	6	12	-	-	-	-	-	-
Floor, wall, or pipeless furnace	90	90	35	33	8	14	-	-	-	-	-
Other means	440	425	74	182	102	67	15	6	-	9	-
None	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	4 056	3 758	796	1 830	798	334	298	121	130	12	35
PERSONS											
1 person	640	433	395	38	-	-	207	99	108	-	-
2 persons	711	680	329	334	-	17	31	22	9	-	-
3 persons	798	791	72	655	64	-	7	-	7	-	-
4 persons	675	669	-	561	83	25	6	-	6	-	-
5 persons	437	418	-	172	163	83	19	-	-	5	14
6 persons or more	795	767	-	70	488	209	28	-	-	7	21
Median	3.3	3.5	1.5	3.3	5.9	6.9	1.2	1.1	1.1	...	...
Units with roomers, boarders, or lodgers	78	71	15	43	6	7	7	7	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	52	52	12	15	25	-	-	-	-	-	-
1965 to 1968	131	131	46	44	25	16	-	-	-	-	-
1960 to 1964	124	124	21	68	17	18	-	-	-	-	-
1950 to 1959	318	299	82	107	88	22	19	6	6	-	-
1940 to 1949	750	723	156	397	131	39	27	15	6	-	-
1939 or earlier	2 681	2 429	479	1 199	512	239	252	100	118	12	2
INCOME IN 1969											
Less than \$2,000	401	355	148	118	89	-	46	31	15	-	-
\$2,000 to \$2,999	207	195	77	56	40	22	12	-	12	-	-
\$3,000 to \$3,999	204	177	38	84	42	13	27	-	13	7	7
\$4,000 to \$4,999	228	204	48	80	48	28	24	16	8	-	-
\$5,000 to \$5,999	377	321	98	129	56	38	56	22	34	-	-
\$6,000 to \$6,999	470	443	58	218	142	25	27	-	20	-	7
\$7,000 to \$9,999	1 202	1 130	179	644	182	125	72	52	14	-	6
\$10,000 to \$14,999	759	740	127	405	134	74	19	-	14	5	-
\$15,000 to \$24,999	164	149	7	82	51	9	15	-	-	-	15
\$25,000 or more	44	44	16	14	14	-	-	-	-	-	-
Median	\$7 400	\$7 500	\$5 900	\$8 100	\$6 900	\$8 000	\$5 700	\$5 600	\$5 500	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	4 041	3 743	796	1 830	783	334	298	121	130	12	35
Less than 10 percent	563	464	69	283	80	32	99	30	48	-	21
10 to 14 percent	1 228	1 154	235	554	222	143	74	22	47	5	-
15 to 19 percent	778	726	151	330	160	85	52	38	-	7	-
20 to 24 percent	394	374	55	210	87	22	20	-	13	-	7
25 to 34 percent	408	402	56	203	112	31	6	-	6	-	-
35 percent or more	485	445	167	161	96	21	40	24	16	-	-
Not computed	185	178	63	89	26	-	7	7	-	-	-
HEATING EQUIPMENT											
Steam or hot water	1 707	1 544	411	776	268	89	163	38	117	-	8
Warm-air furnace	1 237	1 203	200	580	313	110	34	29	-	5	-
Built-in electric units	45	45	14	14	8	9	-	-	-	-	-
Floor, wall, or pipeless furnace	157	157	13	72	58	14	-	-	-	-	-
Other means	893	792	158	381	147	106	101	54	13	7	27
None	17	17	-	7	4	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-23. Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	4 237	-	12	107	917	1 531	945	364	361	3.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 143	-	12	80	894	1 510	934	364	349	5.2
PERSONS										
1 person	114	-	-	10	60	32	-	6	6	4.3
2 persons	520	-	-	11	181	215	82	19	12	4.8
3 persons	580	-	-	14	145	252	136	18	15	5.0
4 persons	708	-	12	17	168	276	131	56	48	5.1
5 persons	749	-	-	-	105	315	165	95	69	5.4
6 persons or more	1 566	-	-	55	258	441	431	170	211	5.6
Median	4.8	-	-	5.7	3.9	4.5	5.2	5.4	6.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	4 183	-	12	94	894	1 531	939	364	349	5.2
0.50 or less	831	-	-	5	241	247	212	43	83	5.2
0.51 to 1.00	2 132	-	-	25	299	843	475	252	238	5.4
1.01 to 1.50	851	-	-	17	240	275	227	64	28	5.1
1.51 or more	369	-	12	47	114	166	25	5	-	4.6
Lacking some or all plumbing facilities	54	-	-	13	23	-	6	-	12	...
0.50 or less	17	-	-	5	-	-	6	-	6	...
0.51 to 1.00	20	-	-	-	-	-	-	-	6	...
1.01 to 1.50	9	-	-	-	14	-	-	-	6	...
1.51 or more	8	-	-	8	9	-	-	-	-	...
YEAR STRUCTURE BUILT										
1969 to March 1970	79	-	-	-	-	38	10	-	-	...
1960 to 1968	619	-	-	6	72	276	179	15	16	...
1950 to 1959	1 035	-	-	19	267	430	217	61	25	5.3
1949 or earlier	2 504	-	12	82	578	787	539	49	53	5.0
COMPLETE BATHROOMS										
1 and 1 1/2	3 422	-	12	80	838	1 337	801	178	176	5.1
2 or more	728	-	-	-	56	180	133	186	173	6.5
None or also used by another household	87	-	-	27	23	14	11	-	12	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	3 402	-	12	62	654	1 232	813	318	311	5.3
Less than 1.5	1 686	-	12	40	343	615	359	125	192	5.2
1.5 to 1.9	830	-	-	15	156	292	250	49	68	5.3
2.0 to 2.9	455	-	-	7	70	155	127	78	18	5.5
3.0 or more	407	-	-	-	79	157	77	61	33	5.3
Not computed	24	-	-	-	6	13	-	5	-	...
Renter occupied housing units	4 056	170	386	814	1 337	824	425	55	45	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	3 651	54	286	718	1 250	818	425	55	45	4.1
PERSONS										
1 person	640	146	179	208	57	35	7	-	-	2.5
2 persons	711	17	96	247	245	90	16	-	-	3.5
3 persons	798	-	64	160	355	147	62	-	10	4.0
4 persons	675	7	18	83	321	161	75	10	-	4.2
5 persons	437	-	15	82	168	107	65	-	-	4.2
6 persons or more	795	-	14	34	191	284	200	37	35	5.1
Median	3.3	1.1	1.6	2.3	3.5	4.4	5.3	...	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	3 758	62	286	771	1 290	824	425	55	45	4.1
0.50 or less	796	-	102	186	280	125	85	8	10	3.9
0.51 to 1.00	1 830	38	87	400	670	415	187	18	15	4.1
1.01 to 1.50	798	-	64	83	238	235	137	21	20	4.6
1.51 or more	334	24	33	102	102	49	16	8	-	3.6
Lacking some or all plumbing facilities	298	108	100	43	47	-	-	-	-	1.9
0.50 or less	121	-	77	22	22	-	-	-	-	2.3
0.51 to 1.00	130	108	9	7	6	-	-	-	-	1.1
1.01 to 1.50	12	-	-	-	12	-	-	-	-	...
1.51 or more	35	-	14	14	7	-	-	-	-	...
YEAR STRUCTURE BUILT										
1969 to March 1970	52	-	-	20	8	16	-	8	-	...
1960 to 1968	255	7	30	38	97	40	25	5	13	4.0
1950 to 1959	318	6	10	92	112	69	29	-	-	4.0
1949 or earlier	3 431	157	346	664	1 120	699	371	42	32	4.0
COMPLETE BATHROOMS										
1 and 1 1/2	3 552	54	286	741	1 228	802	394	34	13	4.1
2 or more	136	8	-	-	22	22	31	21	32	6.0
None or also used by another household	368	108	100	73	87	-	-	-	-	2.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	4 041	170	386	814	1 337	809	425	55	45	4.0
Less than 10 percent	563	62	78	91	139	136	32	25	-	3.9
10 to 14 percent	1 228	51	93	284	513	212	75	-	-	3.9
15 to 19 percent	778	-	65	119	309	152	112	16	5	4.2
20 to 24 percent	394	14	28	98	140	65	42	-	7	3.9
25 to 34 percent	408	22	30	66	69	134	74	6	7	4.6
35 percent or more	485	21	78	116	121	83	48	8	10	3.7
Not computed	185	-	14	40	46	27	42	-	16	4.3

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

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

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

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
	All occupied housing units	4 237	3 508	670	59	4 056	733	858	1 219	687	271	288
ROOMS												
1 room	-	-	-	-	170	-	9	20	15	65	61	-
2 rooms	12	12	-	-	386	16	53	124	79	56	58	-
3 rooms	107	62	45	-	814	106	186	255	145	48	74	-
4 rooms	917	671	217	29	1 337	199	333	428	250	60	67	-
5 rooms	1 531	1 263	259	9	824	163	131	328	146	42	14	-
6 rooms	945	841	83	21	425	182	124	53	52	-	14	-
7 rooms	364	325	39	-	55	29	15	11	-	-	-	-
8 rooms or more	361	334	27	-	45	38	7	-	-	-	-	-
Median	5.2	5.3	4.8	...	4.0	4.8	4.0	4.0	3.9	2.8	2.8	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	4 183	3 487	643	53	3 758	721	843	1 159	623	193	219	-
0.50 or less	831	654	152	25	796	114	196	225	116	60	85	-
0.51 to 1.00	2 132	1 893	225	14	1 830	312	449	534	366	80	89	-
1.01 to 1.50	851	663	181	7	798	217	174	255	95	38	19	-
1.51 or more	369	277	85	7	334	78	24	145	46	15	26	-
Lacking some or all plumbing facilities	54	21	27	6	298	12	15	60	64	78	69	-
0.50 or less	17	6	5	6	121	-	8	47	38	14	14	-
0.51 to 1.00	20	6	14	-	130	6	-	13	-	64	47	-
1.01 to 1.50	9	9	-	-	12	-	-	-	12	-	-	-
1.51 or more	8	-	8	-	35	6	7	-	14	-	8	-
YEAR STRUCTURE BUILT												
1969 to March 1970	79	79	-	-	52	8	7	-	9	14	14	-
1965 to 1968	271	252	-	19	131	25	20	15	6	15	50	-
1960 to 1964	348	326	-	22	124	27	25	-	11	22	39	-
1950 to 1959	1 035	992	25	18	318	151	56	67	18	-	26	-
1940 to 1949	869	747	122	-	750	195	167	215	141	14	18	-
1939 or earlier	1 635	1 112	523	-	2 681	327	583	922	502	206	141	-
INCOME IN 1969												
Less than \$2,000	188	140	48	-	401	62	87	104	82	34	32	-
\$2,000 to \$2,999	78	55	23	-	207	59	13	31	56	13	35	-
\$3,000 to \$3,999	114	91	23	-	204	45	54	58	14	13	20	-
\$4,000 to \$4,999	104	70	28	6	228	45	30	106	33	8	6	-
\$5,000 to \$5,999	67	29	38	-	377	43	57	131	73	46	27	-
\$6,000 to \$6,999	208	170	38	-	470	75	103	163	72	9	48	-
\$7,000 to \$9,999	1 068	860	186	22	1 202	158	306	368	232	77	61	-
\$10,000 to \$14,999	1 620	1 397	197	26	759	183	175	228	99	37	37	-
\$15,000 to \$24,999	697	609	83	5	164	56	27	21	26	26	8	-
\$25,000 or more	93	87	6	-	44	7	6	9	-	8	14	-
Median	\$10 900	\$11 200	\$9 200	...	\$7 400	\$7 700	\$7 800	\$7 100	\$7 200	\$7 500	\$6 500	-
YEAR MOVED INTO UNIT												
1969 to March 1970	736	582	145	9	1 758	223	310	609	339	134	143	-
1968	434	366	68	-	718	166	214	179	75	16	68	-
1967	328	292	27	9	409	81	98	131	52	35	12	-
1965 and 1966	633	508	110	15	469	107	101	111	88	28	34	-
1960 to 1964	943	834	90	19	483	96	106	140	81	47	13	-
1950 to 1959	938	769	162	7	165	32	23	37	44	11	18	-
1949 or earlier	225	157	68	-	54	28	6	12	8	-	-	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	4 041	718	858	1 219	687	271	288	-
Less than \$50	...	...	...	...	260	36	52	36	49	54	33	-
\$50 to \$59	...	...	...	...	175	36	29	31	55	10	14	-
\$60 to \$69	...	...	...	...	306	27	80	91	49	21	38	-
\$70 to \$79	...	...	...	...	421	48	88	198	67	7	13	-
\$80 to \$99	...	...	...	...	1 191	93	234	442	281	55	86	-
\$100 to \$119	...	...	...	...	803	137	170	313	97	65	21	-
\$120 to \$149	...	...	...	...	530	196	127	79	66	25	37	-
\$150 to \$199	...	...	...	...	216	84	61	19	-	6	46	-
\$200 to \$299	...	...	...	...	57	31	9	-	-	17	-	-
\$300 or more	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent	...	...	...	...	82	30	8	10	23	11	-	-
Median	...	...	...	...	\$94	\$115	\$94	\$91	\$88	\$92	\$90	-
HEATING EQUIPMENT												
Steam or hot water	581	362	219	-	1 707	146	279	543	398	173	168	-
Warm-air furnace	3 108	2 694	361	53	1 237	339	331	303	152	43	69	-
Built-in electric units	18	13	5	-	45	9	8	-	-	15	13	-
Floor, wall, or pipeless furnace	90	83	7	-	157	31	34	51	22	12	7	-
Other means	440	356	78	6	893	202	206	322	104	28	31	-
None	-	-	-	-	17	6	-	-	11	-	-	-
AIR CONDITIONING												
Room unit(s)	1 195	983	190	22	627	151	114	100	121	55	86	-
Central system	324	324	-	-	48	12	7	-	-	15	14	-
None	2 718	2 201	480	37	3 381	570	737	1 119	566	201	188	-
AUTOMOBILES AVAILABLE												
1	2 310	1 876	398	36	2 274	482	498	704	349	108	133	-
2	1 337	1 212	107	18	292	43	84	65	42	31	27	-
3 or more	185	163	17	5	48	22	6	10	10	-	-	-
None	405	257	148	-	1 442	186	270	440	286	132	128	-

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

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

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	4 237	114	520	580	708	749	567	513	486	4.8
YEAR STRUCTURE BUILT										
1969 to March 1970	79	-	-	13	18	24	5	12	7	...
1965 to 1968	271	-	12	53	86	36	20	39	25	4.3
1960 to 1964	348	6	38	45	65	62	68	41	23	4.8
1950 to 1959	1 035	32	103	168	151	207	167	114	93	4.8
1940 to 1949	869	18	89	122	155	125	95	134	131	4.9
1939 or earlier	1 635	58	278	179	233	295	212	173	207	4.7
UNITS IN STRUCTURE										
1	3 508	66	402	487	623	640	478	434	378	4.8
2 or more	670	42	103	83	76	104	82	72	108	4.8
Mobile home or trailer	59	6	15	10	9	5	7	7	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	3 422	97	447	490	611	591	413	386	387	4.6
2 and 2 1/2	635	12	60	54	72	142	124	85	86	5.3
3 or more	93	-	7	16	7	16	21	19	7	...
None or also used by another household	87	5	6	20	18	-	9	23	6	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	4 123	...	520	580	708	749	567	513	486	4.8
Male head, wife present, no nonrelatives	3 776	...	439	495	656	700	529	471	486	4.9
Under 25 years	103	...	22	32	26	6	-	17	-	3.4
25 to 34 years	704	...	38	109	206	131	110	71	39	4.5
35 to 44 years	1 367	...	52	100	192	305	273	183	262	5.6
45 to 64 years	1 367	...	204	191	207	252	140	188	185	4.8
65 years and over	235	...	123	63	25	6	6	12	-	2.5
Other male head	149	...	35	20	39	17	16	22	-	4.0
Under 65 years	110	...	29	12	25	6	16	22	-	4.1
65 years and over	39	...	6	8	14	11	-	-	-	...
Female head	198	...	46	65	13	32	22	20	-	3.3
Under 65 years	185	...	46	52	13	32	22	20	-	3.4
65 years and over	13	...	-	13	-	-	-	-	-	...
One-person households	114	114	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	3 402	66	396	460	623	623	454	418	362	4.8
Less than 1.5	1 686	14	181	189	288	327	232	241	214	5.0
1.5 to 1.9	830	-	72	123	168	149	130	94	94	4.8
2.0 to 2.4	319	-	19	69	72	63	42	21	33	4.5
2.5 to 2.9	136	-	31	21	36	19	7	22	-	3.9
3.0 to 3.9	164	11	31	41	19	17	30	15	-	3.5
4.0 or more	243	41	49	17	34	48	8	25	21	3.9
Not computed	24	-	13	-	6	-	5	-	-	...
Renter occupied housing units	4 056	640	711	798	675	437	319	244	232	3.3
YEAR STRUCTURE BUILT										
1969 to March 1970	52	12	-	8	8	7	-	9	8	...
1965 to 1968	131	17	29	20	13	11	-	20	21	3.5
1960 to 1964	124	7	39	25	34	4	-	-	15	3.1
1950 to 1959	318	49	45	49	48	57	34	30	6	3.8
1940 to 1949	750	67	127	238	140	24	40	53	61	3.3
1939 or earlier	2 681	488	471	458	432	334	245	132	121	3.3
UNITS IN STRUCTURE										
1	733	52	60	110	130	89	114	64	114	4.7
2	658	89	195	207	145	78	65	45	34	3.2
3 and 4	1 219	168	217	277	167	142	89	97	62	3.3
5 to 9	687	93	119	138	158	107	42	15	15	3.5
10 to 19	271	106	61	41	43	5	9	6	7	2 ¹
20 or more	288	132	59	25	32	16	-	17	7	1
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-
COMPLETE BATHROOMS										
1 and 1 1/2	3 552	410	657	749	638	396	301	199	202	3.4
2 or more	136	16	7	26	15	14	11	24	23	4.8
None or also used by another household	368	214	47	23	22	27	7	21	7	1.4
HOUSEHOLD COMPOSITION										
Two-or-more person households	3 416	...	711	798	675	437	319	244	232	3.8
Male head, wife present, no nonrelatives	2 883	...	590	636	596	404	257	209	191	3.9
Under 25 years	514	...	162	184	117	30	21	-	-	3.0
25 to 34 years	918	...	209	149	243	141	91	63	22	3.9
35 to 44 years	810	...	70	135	159	156	101	98	91	4.8
45 to 64 years	560	...	142	136	55	63	44	42	78	3.5
65 years and over	81	...	7	32	22	14	-	6	-	...
Other male head	159	...	58	60	35	-	6	-	-	2.9
Under 65 years	153	...	58	54	35	-	6	-	-	2.8
65 years and over	6	...	-	6	-	-	-	-	-	...
Female head	374	...	63	102	44	33	56	35	41	4.0
Under 65 years	350	...	39	102	44	33	56	35	41	4.3
65 years and over	24	...	24	-	-	-	-	-	-	...
One-person households	640	640	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	4 041	640	711	798	675	437	310	238	232	3.3
Less than 10 percent	563	134	61	140	76	47	31	36	38	3.1
10 to 14 percent	1 228	136	267	271	233	168	57	54	42	3.3
15 to 19 percent	778	93	124	144	128	66	93	47	83	3.7
20 to 24 percent	394	36	96	65	81	36	32	16	32	3.5
25 to 34 percent	408	50	56	53	86	45	21	76	21	4.0
35 percent or more	485	126	95	98	51	51	47	9	8	2.7
Not computed	185	65	12	27	20	24	29	-	8	3.1

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-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]

East Chicago	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	8 728	823	498	677	1 068	2 407	1 723	897	292	43	9	291	89
ROOMS													
1 room	558	382	44	51	44	32	-	-	-	-	-	-	50-
2 rooms	588	128	95	95	94	102	59	-	-	-	-	15	67
3 rooms	1 919	203	160	300	380	526	236	76	5	-	-	33	77
4 rooms	3 216	54	169	172	422	1 131	756	311	93	4	9	95	93
5 rooms	1 486	26	-	43	113	522	413	244	78	5	-	42	101
6 rooms	804	30	23	7	15	86	239	245	92	26	-	41	118
7 rooms	99	-	7	9	-	8	14	21	18	-	-	22	...
8 rooms or more	58	-	-	-	-	-	6	-	6	8	-	38	...
Median	3.9	1.7	3.2	3.1	3.5	4.0	4.2	4.8	5.1	...	...	4.5	...
PERSONS													
1 person	2 331	628	270	266	308	482	209	69	27	-	-	72	69
2 persons	2 129	95	90	227	290	641	503	145	49	4	-	85	90
3 persons	1 478	35	51	96	178	463	346	207	62	-	-	40	95
4 persons	1 030	12	40	55	115	344	230	169	31	13	-	21	96
5 persons	697	8	14	20	80	199	171	115	34	6	9	41	101
6 persons or more	1 063	45	33	13	97	278	264	192	89	20	-	32	104
Median	2.5	1.2	1.4	1.8	2.3	2.7	2.9	3.7	3.8	...	...	2.4	...
Units with roomers, boarders, or lodgers	166	6	5	27	20	64	16	23	-	-	-	5	86
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	7 875	410	423	597	978	2 293	1 694	873	287	43	9	268	92
0.50 or less	3 092	193	223	282	401	899	618	227	97	4	-	148	87
0.51 to 1.00	3 392	172	147	258	394	985	742	452	121	27	-	94	94
1.01 to 1.50	928	33	24	34	96	285	203	153	53	12	-	26	99
1.51 or more	463	12	29	23	87	124	131	41	16	-	-	23	50
Lacking some or all plumbing facilities	853	413	75	80	90	114	29	24	5	-	-	18	55
0.50 or less	226	86	38	25	27	26	6	-	-	-	-	5	50-
0.51 to 1.00	521	308	37	45	38	59	12	17	-	-	-	-	...
1.01 to 1.50	42	6	-	-	15	12	4	-	5	-	-	-	...
1.51 or more	64	13	-	10	10	17	7	-	-	-	-	-	...
BEDROOMS													
None	614	403	59	20	62	70	-	-	-	-	-	-	50-
1	2 564	305	321	343	408	715	244	166	19	-	-	43	77
2	4 025	73	154	226	577	1 477	898	440	102	-	21	57	92
3 or more	1 323	19	-	40	41	286	386	301	149	21	-	80	112
YEAR STRUCTURE BUILT													
1969 to March 1970	210	74	6	4	-	27	70	25	4	-	-	-	95
1965 to 1968	365	57	64	21	23	72	64	30	23	-	-	11	82
1960 to 1964	226	6	29	10	15	13	49	66	20	12	-	6	115
1950 to 1959	498	23	21	23	59	105	125	82	49	-	-	11	102
1940 to 1949	1 228	87	64	110	138	363	285	107	32	4	9	29	89
1939 or earlier	6 201	576	314	509	833	1 827	1 130	587	164	27	-	234	88
ELEVATOR IN STRUCTURE													
4 floors or more	344	165	-	19	34	-	-	59	67	-	-	-	...
With elevator	234	146	-	-	-	-	-	21	67	-	-	-	...
Walk-up	110	19	-	19	34	-	-	38	-	-	-	-	...
1 to 3 floors	8 182	635	534	610	1 054	2 548	1 528	848	203	21	21	180	88
COMPLETE BATHROOMS													
1 and 1/2	7 500	363	383	561	952	2 124	1 692	838	280	38	-	269	93
2 or more	140	30	8	11	-	28	-	13	20	10	-	20	...
None or also used by another household	1 093	425	84	118	125	196	83	23	7	-	-	32	62
INCOME IN 1969													
Less than \$2,000	1 277	276	146	112	145	241	186	98	19	-	-	54	75
\$2,000 to \$2,999	494	70	58	49	78	118	77	20	8	-	-	16	78
\$3,000 to \$3,999	512	60	31	92	57	138	86	13	21	-	-	14	81
\$4,000 to \$4,999	495	39	55	36	87	135	75	34	4	-	-	21	86
\$5,000 to \$5,999	640	72	37	84	57	183	116	54	10	-	9	18	85
\$6,000 to \$6,999	727	105	55	52	67	246	75	89	19	-	-	19	85
\$7,000 to \$9,999	2 177	131	88	148	344	627	481	219	58	12	-	69	89
\$10,000 to \$14,999	1 674	65	28	60	177	539	440	254	71	10	-	30	99
\$15,000 to \$24,999	646	5	-	38	51	153	182	106	60	12	-	39	106
\$25,000 or more	86	-	-	6	5	27	5	10	22	-	-	11	...
Median	\$7 300	\$4 100	\$4 300	\$5 600	\$7 400	\$7 700	\$8 500	\$8 900	\$10 500	...	...	\$7 200	...
YEAR MOVED INTO UNIT													
1969 to March 1970	2 850	288	167	273	318	688	574	328	119	37	-	58	90
1968	1 115	49	85	83	137	258	299	126	42	-	-	36	93
1967	913	61	62	67	43	322	231	56	46	11	-	15	91
1965 and 1966	1 047	102	43	52	134	330	178	149	34	-	-	24	92
1960 to 1964	1 411	178	36	116	216	380	295	132	12	-	-	46	88
1950 to 1959	976	101	56	41	176	268	127	77	54	-	-	76	86
1949 or earlier	421	39	26	58	53	102	71	6	-	-	-	66	80
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 746	345	117	185	258	477	255	76	33	-	-	...	79
10 to 14 percent	2 292	117	118	162	348	776	497	221	53	-	-	...	90
15 to 19 percent	1 375	69	49	65	124	415	360	213	62	18	-	...	98
20 to 24 percent	718	43	26	99	67	187	131	138	27	-	-	...	94
25 to 34 percent	714	81	42	44	76	182	137	93	50	-	-	...	93
35 percent or more	1 469	150	130	111	192	354	313	131	63	16	9	...	87
Not computed	414	18	16	11	3	16	30	25	4	-	-	291	96
AIR CONDITIONING													
Room unit(s)	1 611	44	36	86	218	428	441	175	67	5	-	111	97
Central system	89	6	-	-	-	-	20	18	29	10	-	6	...
None	7 033	768	439	604	859	1 920	1 314	681	211	33	-	204	87

¹Excludes 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]

East Chicago				East Chicago					
	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	40	10	-	30	Vacant for rent	679	341	165	173
ROOMS					ROOMS				
1 to 3 rooms	-	-	-	-	1 room	159	91	32	36
4 rooms	12	4	-	8	2 rooms	61	27	6	28
5 rooms	15	-	-	15	3 rooms	136	77	33	26
6 rooms	4	-	-	4	4 rooms	213	119	58	36
7 rooms or more	9	6	-	3	5 rooms	90	22	31	37
					6 rooms	14	5	5	4
					7 rooms or more	6	-	-	6
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	40	10	-	30	With all plumbing facilities	488	259	107	122
Lacking some or all plumbing facilities	-	-	-	-	Lacking some or all plumbing facilities	191	82	58	51
BEDROOMS					BEDROOMS				
None and 1	-	-	-	-	None	136	72	20	44
2	23	23	-	-	1	195	95	50	50
3	-	-	-	-	2	300	132	70	98
4 or more	-	-	-	-	3 or more	24	24	-	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	-	-	-	-	1969 to March 1970	4	4	-	9
1960 to 1968	4	-	-	4	1960 to 1968	33	20	4	5
1950 to 1959	4	4	-	4	1950 to 1959	14	9	-	5
1949 or earlier	32	6	-	26	1949 or earlier	628	308	161	159
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	17	10	-	7	1	44	29	15	-
2 or more	23	-	-	23	2 to 4	328	141	72	115
					5 to 9	134	58	45	31
					10 to 19	70	48	22	-
					20 or more	103	65	11	27
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	3	-	-	3	Specified vacant for rent?	674	336	165	173
Warm-air furnace	27	10	-	17	Less than \$50	214	126	32	56
Built-in electric units	4	-	-	4	\$50 to \$59	86	38	30	18
Floor, wall, or pipeless furnace	4	-	-	4	\$60 to \$79	240	106	73	61
Other means	6	-	-	6	\$80 to \$99	75	37	20	18
None	-	-	-	-	\$100 to \$119	30	9	7	14
					\$120 to \$149	24	15	3	6
					\$150 to \$199	5	5	-	-
					\$200 or more	-	-	-	-
					Median rent asked	\$63	\$61	\$66	\$64
SALES PRICE ASKED									
Specified vacant for sale¹	14	10	-	4					
Less than \$5,000	-	-	-	-					
\$5,000 to \$9,999	-	-	-	-					
\$10,000 to \$14,999	4	-	-	4					
\$15,000 to \$19,999	10	10	-	4					
\$20,000 to \$24,999	-	-	-	-					
\$25,000 to \$34,999	-	-	-	-					
\$35,000 to \$49,999	-	-	-	-					
\$50,000 or more	-	-	-	-					
Median price asked	-	-	-	-					

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

Table 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]

East Chicago	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	\$200 or more
Total	14	-	4	10	-	-	674	300	240	75	54	5	-
PLUMBING FACILITIES													
With all plumbing facilities	23	-	-	23	-	-	469	90	257	72	50	-	-
Lacking some or all plumbing facilities	-	-	-	-	-	-	186	136	25	-	25	-	-
BEDROOMS													
None and 1	-	-	-	-	-	-	331	186	120	-	25	-	-
2	23	-	-	23	-	-	300	40	162	48	50	-	-
3	-	-	-	-	-	-	24	-	24	-	-	-	-
4 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
YEAR STRUCTURE BUILT													
1969 to March 1970	-	-	-	-	-	-	4	-	-	-	4	-	-
1960 to 1968	4	-	-	4	-	-	33	4	5	-	19	5	-
1950 to 1959	4	-	-	4	-	-	14	4	-	-	10	-	-
1949 or earlier	10	-	4	6	-	-	623	292	235	75	21	-	-
UNITS IN STRUCTURE													
1	...	...	...	...	...	...	39	24	5	5	5	-	-
2 to 4	...	...	...	...	...	...	328	118	154	33	23	-	-
5 to 19	...	...	...	...	...	...	204	92	70	33	9	-	-
20 or more	...	...	...	...	...	...	103	66	11	4	17	5	-
INCLUSION OF UTILITIES IN RENT													
All utilities included	...	...	...	...	...	...	313	188	70	27	23	5	-
Some or no utilities included	...	...	...	...	...	...	361	112	170	48	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 C-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)

Gary	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	30 231	29 846	11 944	13 185	3 587	1 130	385	238	105	31	11
PERSONS											
1 person	2 916	2 827	2 814	13	-	-	89	89	-	-	-
2 persons	7 696	7 538	7 240	298	-	-	158	129	29	-	-
3 persons	5 482	5 426	1 566	3 835	15	10	56	16	40	-	-
4 persons	5 016	4 997	225	4 733	23	16	19	4	15	-	-
5 persons	3 457	3 441	99	2 775	529	38	16	-	6	10	-
6 persons or more	5 664	5 617	-	1 531	3 020	1 066	47	-	15	21	11
Median	3.3	3.3	1.9	4.0	6.4	7.5+	2.2	1.7	3.1	...	...
Units with roomers, boarders, or lodgers	917	869	278	418	117	56	48	26	17	5	-
YEAR STRUCTURE BUILT											
1969 to March 1970	207	195	66	89	40	-	12	12	-	-	-
1965 to 1968	1 054	1 054	311	570	152	21	-	-	-	-	-
1960 to 1964	2 403	2 397	670	1 310	300	117	6	6	-	-	-
1950 to 1959	9 810	9 753	2 948	4 876	1 461	468	57	37	7	13	-
1940 to 1949	6 414	6 325	2 696	2 741	598	290	89	30	44	15	-
1939 or earlier	10 335	10 134	5 341	3 660	886	247	201	123	58	6	14
INCOME IN 1969											
Less than \$2,000	2 460	2 354	1 781	425	89	59	106	97	4	5	-
\$2,000 to \$2,999	1 026	985	644	264	43	34	41	36	5	-	-
\$3,000 to \$3,999	1 166	1 150	884	195	66	5	16	10	6	-	-
\$4,000 to \$4,999	884	873	561	249	58	5	11	6	5	-	-
\$5,000 to \$5,999	1 020	995	573	302	89	31	25	15	10	-	-
\$6,000 to \$6,999	1 316	1 296	582	500	153	61	20	11	9	-	-
\$7,000 to \$9,999	6 214	6 168	2 315	2 677	864	312	46	11	29	-	-
\$10,000 to \$14,999	9 440	9 370	2 702	4 807	1 435	426	70	29	21	15	6
\$15,000 to \$24,999	5 653	5 607	1 516	3 231	700	160	46	23	12	11	-
\$25,000 or more	1 052	1 048	386	535	90	37	4	-	4	-	-
Median	\$10 335	\$10 600	\$8 200	\$12 100	\$11 500	\$10 700	\$5 700	\$2 600	\$8 400	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹											
Less than 1.5	25 704	25 507	9 785	11 630	3 106	986	197	116	55	21	5
1.5 to 1.9	12 815	12 733	3 478	6 728	1 907	620	82	23	33	21	5
2.0 to 2.4	5 209	5 185	1 886	2 441	696	162	24	15	9	-	-
2.5 to 2.9	2 342	2 332	980	1 069	198	85	10	10	-	-	-
3.0 to 3.9	1 119	1 119	565	444	96	14	-	-	-	-	-
4.0 or more	1 119	1 097	707	294	69	27	22	13	9	-	-
Not computed	2 774	2 725	1 951	561	135	78	49	45	4	-	-
None	326	316	218	93	5	-	10	10	-	-	-
HEATING EQUIPMENT											
Steam or hot water	4 026	3 966	2 002	1 535	363	66	60	43	11	-	6
Warm-air furnace	22 637	22 412	8 695	10 242	2 661	814	225	141	64	15	5
Built-in electric units	211	211	70	94	30	17	-	-	-	-	-
Floor, wall, or pipeless furnace	607	597	181	309	69	38	10	-	10	-	-
Other means	2 750	2 660	996	1 005	464	195	90	54	20	16	-
None	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	21 362	19 528	8 452	8 055	2 168	853	1 834	742	882	101	109
PERSONS											
1 person	6 188	4 957	4 577	380	-	-	1 231	621	610	-	-
2 persons	5 415	5 116	3 551	1 543	-	22	299	117	144	-	-
3 persons	3 521	3 437	311	3 011	104	11	84	4	42	26	38
4 persons	2 556	2 479	13	2 166	239	61	77	-	51	21	5
5 persons	1 423	1 371	-	689	598	84	52	-	16	20	16
6 persons or more	2 259	2 168	-	266	1 227	675	91	-	19	34	38
Median	2.3	2.4	1.4	3.2	5.7	7.3	1.2	1.1	1.2	4.7	4.4
Units with roomers, boarders, or lodgers	558	489	206	241	27	15	69	21	33	10	5
YEAR STRUCTURE BUILT											
1969 to March 1970	441	428	153	219	33	23	13	-	7	6	-
1965 to 1968	669	657	319	234	96	8	12	-	-	6	-
1960 to 1964	649	643	315	278	44	6	6	-	-	6	-
1950 to 1959	3 118	2 993	944	1 449	461	139	125	50	50	25	-
1940 to 1949	4 846	4 641	1 817	1 989	617	218	205	115	70	13	7
1939 or earlier	11 647	10 228	4 907	3 950	920	451	1 419	538	768	53	60
INCOME IN 1969											
Less than \$2,000	4 177	3 509	2 077	1 090	223	119	668	339	294	18	17
\$2,000 to \$2,999	1 604	1 397	712	477	157	51	207	41	132	9	25
\$3,000 to \$3,999	1 402	1 241	507	490	148	96	161	67	61	11	22
\$4,000 to \$4,999	1 293	1 195	419	563	171	42	98	29	63	6	-
\$5,000 to \$5,999	1 505	1 396	546	585	190	75	109	64	42	3	-
\$6,000 to \$6,999	1 514	1 372	523	554	230	65	142	27	89	16	10
\$7,000 to \$9,999	4 798	4 518	1 868	1 875	581	194	280	131	119	24	6
\$10,000 to \$14,999	3 711	3 574	1 311	1 805	318	140	137	37	62	14	24
\$15,000 to \$24,999	1 211	1 186	421	558	146	61	25	-	20	-	5
\$25,000 or more	147	140	68	58	4	10	7	7	-	-	-
Median	\$6 500	\$6 700	\$5 900	\$7 400	\$6 800	\$6 700	\$3 300	\$2 800	\$3 200	\$6 200	\$3 600
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²											
Less than 10 percent	21 156	19 327	8 416	7 921	2 143	847	1 829	737	882	101	109
10 to 14 percent	2 184	1 886	742	847	193	104	298	86	181	9	22
15 to 19 percent	4 403	4 146	1 649	1 941	402	154	257	110	115	14	18
20 to 24 percent	3 737	3 544	1 363	1 539	475	167	193	69	101	13	10
25 to 34 percent	2 175	2 048	798	830	330	90	127	32	52	32	11
35 percent or more	2 415	2 214	838	921	338	117	201	85	99	-	17
Not computed	5 121	4 524	2 475	1 499	365	185	597	268	278	20	31
None	1 121	965	551	344	40	30	156	87	56	13	-
HEATING EQUIPMENT											
Steam or hot water	7 575	6 715	3 592	2 472	485	166	860	264	503	20	73
Warm-air furnace	8 536	8 118	3 138	3 611	1 012	357	418	180	210	17	11
Built-in electric units	514	495	142	260	68	25	19	5	4	10	-
Floor, wall, or pipeless furnace	512	484	164	242	54	24	28	8	16	4	-
Other means	4 177	3 680	1 409	1 451	544	276	497	278	144	50	25
None	48	36	7	19	5	5	12	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 C-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]

Gary	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	30 231	28	149	639	7 022	12 723	6 177	2 116	1 377	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	29 562	24	128	569	6 824	12 303	6 128	2 214	1 372	5.1
PERSONS										
1 person	2 916	13	29	210	1 101	994	443	72	54	4.6
2 persons	7 696	—	67	260	2 521	3 190	1 262	257	139	4.8
3 persons	5 482	10	15	75	1 330	2 470	1 060	309	213	5.0
4 persons	5 016	—	16	23	913	2 331	1 131	373	229	5.2
5 persons	3 457	—	12	26	539	1 480	814	351	235	5.3
6 persons or more	5 664	5	10	45	618	2 258	1 467	754	507	5.5
Median	3.3	...	2.2	1.9	2.5	3.4	3.8	4.6	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	29 846	28	124	596	6 889	12 626	6 128	2 105	1 350	5.1
0.50 or less	11 944	—	24	187	3 536	4 116	2 739	627	715	5.0
0.51 to 1.00	13 185	13	47	321	2 222	6 257	2 549	1 236	540	5.1
1.01 to 1.50	3 587	—	15	23	809	1 710	751	201	78	5.1
1.51 or more	1 130	15	38	65	322	543	89	41	17	4.7
Lacking some or all plumbing facilities	385	—	25	43	133	97	49	11	27	4.4
0.50 or less	238	—	5	23	86	68	26	11	19	4.6
0.51 to 1.00	105	—	20	14	21	24	18	—	8	4.6
1.01 to 1.50	31	—	—	—	21	5	—	—	—	4.4
1.51 or more	11	—	—	6	5	—	—	—	—	...
BEDROOMS										
None and 1	1 089	19	115	445	308	161	41	—	—	3.4
2	12 215	—	—	165	6 213	5 177	596	45	19	4.5
3	14 358	—	—	—	231	8 184	4 672	883	388	5.3
4 or more	2 524	—	—	—	—	59	682	864	919	7.1
YEAR STRUCTURE BUILT										
1969 to March 1970	196	—	5	9	47	46	63	15	11	5.3
1960 to 1968	3 501	—	11	44	383	1 833	619	343	268	5.2
1950 to 1959	9 738	15	19	116	2 154	4 947	1 708	493	286	5.0
1949 or earlier	16 796	13	114	470	4 438	5 897	3 787	1 265	812	5.1
COMPLETE BATHROOMS										
1 and 1 1/2	25 369	23	116	539	6 387	11 270	4 971	1 489	574	5.0
2 or more	4 277	8	12	35	470	1 052	1 163	725	812	6.0
None or also used by another household	577	—	29	74	218	144	71	7	34	4.4
VALUE-INCOME RATIO										
Specified owner occupied¹	25 704	20	87	310	5 626	11 147	5 360	1 964	1 190	5.1
Less than 1.5	12 815	5	46	138	2 781	5 524	2 718	980	623	5.1
1.5 to 1.9	5 209	5	5	43	1 011	2 383	1 116	456	190	5.1
2.0 to 2.9	3 461	—	17	29	745	1 471	734	297	168	5.1
3.0 or more	3 893	10	13	91	992	1 645	731	202	209	5.0
Not computed	326	—	6	9	97	124	61	29	—	4.9
Renter occupied housing units	21 362	1 097	1 739	4 414	8 277	3 937	1 454	253	191	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	18 839	263	1 181	4 057	7 766	3 744	1 404	241	183	4.0
PERSONS										
1 person	6 188	990	1 203	1 994	1 399	481	76	18	27	3.0
2 persons	5 415	60	334	1 353	2 585	853	195	6	29	3.9
3 persons	3 521	23	130	645	1 746	662	227	49	39	4.1
4 persons	2 556	13	53	260	1 334	653	217	13	13	4.2
5 persons	1 423	6	8	86	618	457	170	57	21	4.5
6 persons or more	2 259	5	11	76	595	831	569	110	62	5.0
Median	2.3	1.1	1.2	1.7	2.6	3.5	4.6	5.2	3.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	19 528	431	1 269	4 132	7 985	3 863	1 410	247	191	4.0
0.50 or less	8 452	—	834	1 834	3 797	1 316	490	73	108	3.9
0.51 to 1.00	8 055	380	264	1 913	3 017	1 744	535	138	64	4.0
1.01 to 1.50	2 168	—	104	239	844	633	304	30	14	4.4
1.51 or more	853	51	67	146	327	170	81	6	5	4.0
Lacking some or all plumbing facilities	1 834	666	470	282	292	74	44	6	—	2.0
0.50 or less	742	—	369	160	187	18	8	—	—	2.5
0.51 to 1.00	882	610	70	85	63	28	26	—	—	1.2
1.01 to 1.50	101	—	26	21	25	13	10	6	—	3.6
1.51 or more	109	56	5	16	17	15	—	—	—	1.5
BEDROOMS										
None	1 357	938	268	151	—	—	—	—	—	1.2
1	6 518	—	1 587	3 478	1 328	62	63	—	—	3.0
2	9 983	—	—	480	7 027	2 235	199	42	—	4.1
3 or more	3 568	—	—	—	245	1 698	1 195	228	202	5.4
YEAR STRUCTURE BUILT										
1969 to March 1970	482	10	—	38	277	96	47	—	14	4.2
1960 to 1968	1 447	—	76	260	752	262	57	21	19	4.0
1950 to 1959	3 143	65	106	448	1 474	680	308	35	27	4.1
1949 or earlier	16 290	1 022	1 557	3 668	5 774	2 899	1 042	197	131	3.8
COMPLETE BATHROOMS										
1 and 1 1/2	18 811	395	1 213	4 140	7 734	3 695	1 300	218	116	4.0
2 or more	396	—	5	30	76	84	104	30	67	5.5
None or also used by another household	2 163	708	443	367	455	122	60	8	—	2.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	21 156	1 087	1 739	4 379	8 181	3 901	1 440	248	181	3.9
Less than 10 percent	2 184	194	219	437	801	346	121	37	29	3.8
10 to 14 percent	4 403	190	266	982	1 788	619	280	56	22	3.9
15 to 19 percent	3 737	115	280	669	1 491	798	332	34	18	4.0
20 to 24 percent	2 175	88	152	398	876	433	188	30	10	4.0
25 to 34 percent	2 415	130	207	483	919	451	146	45	34	3.9
35 percent or more	5 121	308	519	1 200	1 932	829	276	32	25	3.8
Not computed	1 121	62	96	210	374	225	97	14	43	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 C-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]

Gary	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	30 231	26 366	3 575	290	21 362	4 918	3 792	4 765	3 760	1 397	2 662	68
ROOMS												
1 room	28	20	8	-	1 097	40	48	92	112	132	673	-
2 rooms	149	91	53	5	1 739	100	114	380	413	211	521	-
3 rooms	639	316	271	52	4 414	473	788	1 110	1 106	436	501	-
4 rooms	7 022	5 814	1 016	192	8 277	2 080	1 734	1 679	1 387	412	738	47
5 rooms	12 723	11 399	1 293	31	3 937	1 339	754	603	552	174	194	21
6 rooms	6 177	5 513	654	10	1 454	608	286	358	151	21	30	-
7 rooms	2 116	1 999	117	-	253	127	44	32	34	11	5	-
8 rooms or more	1 377	1 214	163	-	191	151	24	11	5	-	-	-
Median	5.1	5.1	4.8	4.0	3.9	4.4	4.0	3.9	3.7	3.3	2.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	29 846	26 154	3 422	270	19 528	4 788	3 641	4 391	3 304	1 204	2 132	68
0.50 or less	11 944	10 018	1 764	162	8 452	1 613	1 549	1 795	1 547	665	1 247	36
0.51 to 1.00	13 185	11 949	1 162	74	8 055	2 078	1 571	1 891	1 260	432	802	21
1.01 to 1.50	3 587	3 169	394	24	2 168	783	387	542	320	78	47	11
1.51 or more	1 130	1 018	102	10	853	314	134	163	177	29	36	-
Lacking some or all plumbing facilities	385	212	153	20	1 834	130	151	374	456	193	530	-
0.50 or less	238	126	92	20	742	54	107	214	250	42	75	-
0.51 to 1.00	105	55	50	-	882	41	34	102	160	122	423	-
1.01 to 1.50	31	26	5	-	101	26	10	36	23	6	-	-
1.51 or more	11	5	6	-	109	9	-	22	23	23	32	-
BEDROOMS												
None	19	19	-	-	1 357	20	63	128	98	208	840	-
1	1 070	582	469	19	6 518	608	958	1 522	1 558	705	1 167	-
2	12 215	10 325	1 687	203	9 983	2 774	2 155	2 455	1 511	408	599	81
3	14 358	13 053	1 241	64	2 954	1 528	507	532	253	41	93	-
4 or more	2 524	2 344	180	-	614	285	79	146	55	49	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	196	146	11	39	482	122	69	6	41	63	175	6
1965 to 1968	1 123	1 011	33	79	699	132	47	32	104	121	242	21
1960 to 1964	2 378	2 229	56	93	748	239	30	50	91	52	272	14
1950 to 1959	9 738	9 387	295	56	3 143	1 499	429	516	429	70	189	11
1940 to 1949	6 417	5 771	633	13	4 665	1 329	981	1 332	688	174	156	5
1939 or earlier	10 379	7 822	2 547	10	11 625	1 597	2 236	2 829	2 407	917	1 628	11
INCOME IN 1969												
Less than \$2,000	2 460	1 908	533	19	4 177	848	714	1 041	787	268	514	5
\$2,000 to \$2,999	1 026	828	184	14	1 604	281	320	387	272	112	232	-
\$3,000 to \$3,999	1 166	893	256	17	1 402	267	294	383	234	90	128	6
\$4,000 to \$4,999	884	676	195	13	1 293	261	209	336	227	96	164	-
\$5,000 to \$5,999	1 020	820	184	16	1 505	282	255	374	282	121	191	-
\$6,000 to \$6,999	1 316	1 087	214	15	1 514	389	268	357	226	79	195	-
\$7,000 to \$9,999	6 214	5 430	714	70	4 798	1 090	857	1 094	904	290	533	30
\$10,000 to \$14,999	9 440	8 510	853	77	3 711	1 053	652	596	619	242	527	22
\$15,000 to \$24,999	5 653	5 223	386	44	1 211	425	191	183	176	84	147	5
\$25,000 or more	1 052	991	56	5	147	22	32	14	33	15	31	-
Median	\$10 500	\$10 900	\$7 900	\$9 200	\$6 500	\$7 400	\$6 400	\$5 600	\$6 300	\$6 100	\$6 500	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 818	2 416	304	98	8 131	1 674	1 390	1 819	1 355	593	1 285	15
1968	2 089	1 871	197	21	2 976	698	464	580	592	250	365	27
1967	1 836	1 649	149	38	1 843	481	334	405	364	101	145	13
1965 and 1966	2 939	2 679	213	47	2 639	687	461	634	477	176	196	8
1960 to 1964	5 362	4 852	480	30	2 674	640	552	608	505	127	242	-
1950 to 1959	8 680	7 680	952	48	2 041	418	381	533	405	49	255	-
1949 or earlier	6 499	5 190	1 296	13	1 066	195	250	244	153	81	143	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	21 156	4 712	3 792	4 765	3 760	1 397	2 662	68
Less than \$50	...	...	...	...	1 168	235	156	235	219	85	233	5
\$50 to \$59	...	...	...	...	767	92	117	257	146	56	85	14
\$60 to \$69	...	...	...	...	1 545	179	296	421	309	82	252	6
\$70 to \$79	...	...	...	...	2 107	231	399	689	457	158	168	5
\$80 to \$99	...	...	...	...	4 833	570	942	1 373	1 096	388	458	6
\$100 to \$119	...	...	...	...	4 261	1 013	838	977	828	221	384	-
\$120 to \$149	...	...	...	...	3 798	1 194	619	578	479	188	658	22
\$150 to \$199	...	...	...	...	1 873	794	293	124	174	167	311	10
\$200 to \$299	...	...	...	...	296	129	28	35	11	43	50	-
\$300 or more	...	...	...	...	44	21	-	-	7	-	16	-
No cash rent	...	...	...	...	524	254	104	76	34	9	47	-
Median	...	...	...	...	\$100	\$118	\$99	\$91	\$93	\$95	\$106	...
HEATING EQUIPMENT												
Steam or hot water	4 026	2 821	1 200	5	7 575	554	867	1 794	1 781	935	1 638	6
Warm-air furnace	22 637	20 606	1 842	189	8 536	2 855	2 013	1 625	921	283	804	35
Built-in electric units	211	187	24	-	514	181	93	60	34	49	97	-
Floor, wall, or pipeless furnace	607	544	58	5	512	220	67	88	69	20	48	-
Other means	2 750	2 208	451	91	4 177	1 091	747	1 194	933	110	75	27
None	-	-	-	-	48	17	5	4	22	-	-	-
AIR CONDITIONING												
Room unit(s)	8 184	7 343	723	118	3 115	731	515	408	417	255	762	27
Central system	3 141	2 977	115	49	833	85	61	14	112	126	435	-
None	18 898	16 017	2 753	128	17 422	3 977	3 256	4 401	3 322	996	1 434	36
AUTOMOBILES AVAILABLE												
1	15 994	13 895	1 913	186	10 308	2 415	1 918	2 216	1 772	654	1 293	40
2	8 761	8 110	569	82	1 612	603	304	215	173	114	188	15
3 or more	1 144	1 073	71	-	155	67	30	22	29	-	7	-
None	4 324	3 259	1 038	27	9 295	1 708	1 580	2 370	1 877	609	1 143	8

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

Table C-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)

Gary	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	30 231	2 916	7 696	5 482	5 016	3 457	2 429	1 661	1 574	3.3
BEDROOMS										
None and 1	1 089	406	460	95	84	—	—	—	44	1.6
2	12 215	1 743	4 307	2 562	1 502	947	681	243	230	2.5
3	14 358	751	2 701	2 606	2 949	2 081	1 503	1 022	745	3.9
4 or more	2 524	131	233	282	290	406	366	356	460	5.3
YEAR STRUCTURE BUILT										
1969 to March 1970	196	10	37	55	40	22	26	6	—	3.4
1965 to 1968	1 123	38	170	246	283	173	74	64	75	3.9
1960 to 1964	2 378	106	389	433	530	388	207	177	148	4.0
1950 to 1959	9 738	563	2 059	1 682	1 848	1 349	1 053	630	554	3.8
1940 to 1939	6 417	647	1 763	1 188	941	733	484	299	362	3.2
1939 or earlier	10 379	1 552	3 278	1 878	1 374	792	585	485	435	2.7
UNITS IN STRUCTURE										
1	26 366	2 146	6 475	4 820	4 580	3 212	2 232	1 468	1 433	3.4
2 or more	3 575	708	1 077	632	416	240	188	188	126	2.5
Mobile home or trailer	290	62	144	30	20	5	9	5	15	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	25 369	2 513	6 676	4 585	4 263	2 880	1 888	1 356	1 208	3.3
2 and 2 1/2	3 766	206	717	670	691	482	421	253	326	3.9
3 or more	511	43	101	140	66	57	56	28	20	3.3
None or also used by another household	577	134	190	72	34	27	32	57	31	2.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	27 315		7 696	5 482	5 016	3 457	2 429	1 661	1 574	3.6
Male head, wife present, no nonrelatives	23 061	...	6 046	4 531	4 335	3 074	2 226	1 468	1 381	3.7
Under 25 years	529	...	171	91	48	11	—	—	—	3.0
25 to 34 years	3 348	...	241	592	1 016	721	464	211	103	4.3
35 to 44 years	5 440	...	421	659	1 182	979	835	577	787	5.0
45 to 64 years	10 795	...	3 365	2 423	1 863	1 196	856	620	472	3.3
65 years and over	2 949	...	1 848	660	183	130	60	49	19	2.3
Other male head	1 285	...	563	303	178	106	44	40	51	2.8
Under 65 years	999	...	419	239	148	79	44	35	35	2.8
65 years and over	286	...	144	64	30	27	—	5	16	2.5
Female head	2 569	...	1 087	648	503	277	159	153	142	3.1
Under 65 years	2 419	...	774	524	440	255	154	141	131	3.3
65 years and over	550	...	313	124	63	22	5	12	11	2.4
One-person households	2 916	2 916								1.0
VALUE-INCOME RATIO										
Specified owner occupied¹										
Less than 1.5	25 704	2 095	6 322	4 673	4 478	3 133	2 165	1 447	1 391	3.4
1.5 to 1.9	12 815	210	2 511	2 609	2 563	1 900	1 382	827	813	3.9
2.0 to 2.4	5 209	253	1 309	942	1 018	610	429	369	279	3.6
2.5 to 2.9	2 342	198	651	482	382	304	125	64	136	3.2
3.0 to 3.9	1 119	119	352	168	211	101	68	56	24	3.0
4.0 or more	1 119	155	509	160	91	85	41	40	38	2.3
Not computed	2 774	1 018	902	279	198	105	85	91	96	1.9
	326	142	88	33	15	28	15	—	5	1.7
Renter occupied housing units	21 362	6 188	5 415	3 521	2 556	1 423	940	703	616	2.3
BEDROOMS										
None	1 357	1 169	147	21	20	—	—	—	—	1.1
1	6 518	3 323	1 942	764	258	133	98	—	—	1.5
2	9 983	1 432	2 952	2 227	1 760	843	323	227	219	2.8
3 or more	3 568	175	329	534	688	480	518	414	430	4.6
YEAR STRUCTURE BUILT										
1969 to March 1970	482	97	101	118	62	18	22	29	35	2.9
1965 to 1968	699	163	222	106	89	34	36	33	16	2.3
1960 to 1964	748	158	246	142	114	32	40	12	4	2.4
1950 to 1959	3 143	481	731	580	502	305	225	189	130	3.1
1940 to 1939	4 665	1 117	1 152	872	584	453	202	121	164	2.6
1939 or earlier	11 625	4 172	2 963	1 703	1 205	581	415	319	267	2.1
UNITS IN STRUCTURE										
1	4 918	724	933	972	706	614	428	283	258	3.3
2	3 792	891	1 036	749	510	219	152	150	85	2.5
3 and 4	4 765	1 220	1 258	769	651	370	218	135	144	2.4
5 to 9	3 760	1 224	1 050	567	453	148	116	104	98	2.1
10 to 19	1 397	581	417	209	103	36	7	21	23	1.8
20 or more	2 662	1 539	694	239	128	36	13	5	8	1.4
Mobile home or trailer	68	9	27	16	5	—	6	5	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	18 811	4 651	4 934	3 337	2 355	1 300	851	653	530	2.4
2 or more	396	55	110	53	56	47	37	12	26	3.1
None or also used by another household	2 163	1 323	339	165	133	66	43	40	54	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	15 174		5 415	3 521	2 556	1 423	940	703	616	3.1
Male head, wife present, no nonrelatives	9 941	...	3 473	2 356	1 764	987	608	384	369	3.1
Under 25 years	1 789	...	611	674	354	126	6	13	5	2.9
25 to 34 years	2 914	...	646	772	617	381	271	131	96	3.6
35 to 44 years	1 642	...	336	275	332	284	162	123	130	4.1
45 to 64 years	2 724	...	1 223	539	386	169	169	105	133	2.8
65 years and over	872	...	657	96	75	27	—	12	5	2.2
Other male head	988	...	618	156	87	48	23	26	30	2.3
Under 65 years	874	...	520	151	81	48	18	26	30	2.3
65 years and over	114	...	98	5	6	—	—	—	—	2.1
Female head	4 245	...	1 324	1 009	705	388	309	293	217	3.3
Under 65 years	3 925	...	1 120	969	674	379	295	277	211	3.4
65 years and over	320	...	204	40	31	9	14	16	6	2.3
One-person households	6 188	6 188								1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²										
Less than 10 percent	21 156	6 159	5 377	3 463	2 526	1 405	924	697	605	2.3
10 to 14 percent	2 184	581	633	359	234	172	81	62	62	2.3
15 to 19 percent	4 403	956	1 337	872	606	248	176	114	94	2.4
20 to 24 percent	3 737	832	912	674	524	301	202	180	112	2.7
25 to 34 percent	2 175	538	533	292	317	162	120	103	110	2.6
35 percent or more	2 415	680	506	442	265	168	144	132	78	2.5
Not computed	5 121	2 084	1 217	663	471	279	166	102	139	1.9
	1 121	488	239	161	109	75	35	4	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 C-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]

Gary	Total	Less than 2 months	2 up to 6 months	6 months or more	Gary	Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	279	74	109	96	Vacant for rent	1 782	992	508	282
ROOMS					ROOMS				
1 to 3 rooms	22	7	3	12	1 room	335	252	61	22
4 rooms	68	11	35	22	2 rooms	185	120	47	18
5 rooms	86	19	28	39	3 rooms	362	176	101	85
6 rooms	67	23	30	14	4 rooms	561	284	167	110
7 rooms or more	36	14	13	9	5 rooms	237	107	92	38
					6 rooms	82	44	29	9
					7 rooms or more	20	9	11	-
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	260	71	103	86	With all plumbing facilities	1 402	721	447	234
Lacking some or all plumbing facilities	19	3	6	10	Lacking some or all plumbing facilities	380	271	61	48
BEDROOMS					BEDROOMS				
None and 1	41	13	-	28	None	357	263	62	32
2	114	40	61	13	1	523	329	84	110
3	91	-	60	31	2	647	251	215	181
4 or more	-	-	-	-	3 or more	180	123	57	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	-	-	-	-	1969 to March 1970	35	35	-	-
1960 to 1968	44	5	20	19	1960 to 1968	29	3	26	-
1950 to 1959	80	20	36	24	1950 to 1959	89	45	17	27
1949 or earlier	155	49	53	53	1949 or earlier	1 629	909	465	255
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	232	48	100	84	1	194	94	74	26
2 or more	47	26	9	12	2 to 4	690	336	166	188
					5 to 9	374	209	132	33
					10 to 19	149	81	44	24
					20 or more	375	272	92	11
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	36	23	6	7	Specified vacant for rent ²	1 775	989	504	282
Warm-air furnace	207	48	83	76	Less than \$50	190	101	45	44
Built-in electric units	7	-	3	4	\$50 to \$59	194	107	45	42
Floor, wall, or pipeless furnace	-	-	-	-	\$60 to \$79	730	415	196	119
Other means	23	-	17	6	\$80 to \$99	396	215	128	53
None	6	3	-	3	\$100 to \$119	118	66	34	18
					\$120 to \$149	94	68	26	-
					\$150 to \$199	47	17	27	3
					\$200 or more	6	-	3	3
					Median rent asked	\$74	\$74	\$77	\$69
SALES PRICE ASKED									
Specified vacant for sale ¹	224	48	92	84					
Less than \$5,000	10	3	-	7					
\$5,000 to \$9,999	22	4	7	11					
\$10,000 to \$14,999	131	23	56	52					
\$15,000 to \$19,999	36	13	17	6					
\$20,000 to \$24,999	13	5	3	5					
\$25,000 to \$34,999	6	-	6	3					
\$35,000 to \$49,999	6	-	3	3					
\$50,000 or more	-	-	-	-					
Median price asked	\$13 100	...	...	...		

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 C-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]

Gary	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	224	32	131	36	13	6	6	1 775	384	730	396	212	47	6
PLUMBING FACILITIES														
With all plumbing facilities	179	-	167	-	-	-	12	1 367	95	598	387	227	47	13
Lacking some or all plumbing facilities	13	13	-	-	-	-	-	326	186	124	16	-	-	-
BEDROOMS														
None and 1	13	13	-	-	-	-	-	880	199	456	177	48	-	-
2	88	-	88	-	-	-	-	647	82	253	165	131	16	-
3	91	-	79	-	-	-	12	136	-	-	44	48	31	13
4 or more	-	-	-	-	-	-	-	30	-	13	17	-	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	-	-	-	-	-	-	-	35	-	-	-	30	5	-
1960 to 1968	36	-	21	10	5	-	-	29	-	-	4	3	22	-
1950 to 1959	80	11	48	7	8	-	6	89	23	29	19	8	4	6
1949 or earlier	108	21	62	19	-	6	-	1 622	361	701	373	171	16	-
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	187	20	57	58	27	19	6
2 to 4	...	...	...	...	...	...	...	690	122	283	186	86	13	-
5 to 19	...	...	...	...	...	...	...	523	140	209	110	60	4	-
20 or more	...	...	...	...	...	...	...	375	102	181	42	39	11	-
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	893	203	390	179	109	22	-
Some or no utilities included	...	...	...	...	...	...	...	882	181	350	217	103	25	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 C-12. Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970

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

Gary	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	12 130	754	456	1 001	1 229	2 815	2 813	2 049	711	104	11	187	98
ROOMS													
1 room	437	146	34	149	28	49	-	12	-	-	4	15	62
2 rooms	706	83	102	154	107	114	109	21	-	-	-	16	71
3 rooms	2 328	195	86	332	340	781	413	119	38	-	-	24	84
4 rooms	5 362	229	170	273	489	1 407	1 473	998	238	29	-	56	101
5 rooms	2 174	58	33	87	192	356	554	582	250	18	-	44	112
6 rooms	882	37	26	6	62	93	229	265	105	42	-	17	118
7 rooms	167	6	5	-	11	15	21	39	53	5	7	5	138
8 rooms or more	74	-	-	-	-	-	14	13	27	10	-	10	...
Median	4.0	3.3	3.5	3.1	3.8	3.8	4.1	4.4	4.8	5.6	...	4.2	...
PERSONS													
1 person	2 907	373	164	466	455	684	384	222	65	4	11	79	79
2 persons	2 795	162	97	243	266	769	700	427	101	5	-	25	96
3 persons	2 071	70	69	127	161	511	589	386	109	24	-	25	103
4 persons	1 601	67	51	68	75	393	437	330	122	26	-	32	106
5 persons	987	23	29	34	95	172	232	267	97	17	-	21	111
6 persons or more	1 769	59	46	63	177	286	471	417	217	28	-	5	111
Median	2.7	1.5	2.2	1.6	2.1	2.4	3.0	3.5	4.2	4.2	...	2.1	...
Units with roomers, boarders, or lodgers	400	5	27	18	32	88	114	61	18	12	-	25	103
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	4 103	234	131	338	499	1 052	946	621	170	23	7	82	95
0.51 to 1.00	4 658	254	123	293	380	1 156	1 119	890	324	58	-	61	102
1.01 to 1.50	1 598	46	43	64	154	302	481	340	151	17	-	-	108
1.51 or more	651	16	19	31	81	122	170	149	48	6	-	9	106
Lacking some or all plumbing facilities													
0.50 or less	1 120	204	140	275	115	183	97	49	18	-	4	35	67
0.51 to 1.00	472	84	64	100	68	68	58	9	7	-	-	14	68
1.01 to 1.50	472	104	54	138	36	75	18	23	5	-	4	15	65
1.51 or more	83	-	11	11	6	17	21	5	6	-	-	6	...
Median	93	16	11	26	5	23	-	12	-	-	-	-	...
BEDROOMS													
None	495	142	21	148	59	41	63	-	-	-	-	21	65
1	3 219	302	160	533	501	933	580	146	40	-	-	24	82
2	6 332	243	116	337	481	1 608	1 817	1 342	322	21	-	45	104
3 or more	2 147	121	48	59	163	222	544	560	294	47	-	89	115
YEAR STRUCTURE BUILT													
1969 to March 1970	351	-	-	32	5	78	61	133	42	-	-	-	120
1965 to 1968	346	-	-	-	11	25	91	168	41	10	-	-	128
1960 to 1964	181	-	5	4	-	59	34	33	37	4	-	5	112
1950 to 1959	1 964	217	82	109	218	318	456	410	120	5	-	29	101
1940 to 1949	3 382	228	139	291	338	778	835	529	185	26	-	33	97
1939 or earlier	5 906	309	230	565	657	1 557	1 336	776	266	59	11	120	94
ELEVATOR IN STRUCTURE													
4 floors or more	333	26	-	41	-	81	143	42	-	-	-	-	...
With elevator	89	26	-	-	-	63	-	-	-	-	-	-	...
Walk-up	244	-	-	41	-	81	80	42	-	-	-	-	...
1 to 3 floors	11 860	782	345	1 036	1 204	2 723	2 861	2 006	656	68	-	179	98
COMPLETE BATHROOMS													
1 and 1 1/2	10 600	516	351	678	1 043	2 637	2 540	1 902	678	96	9	150	100
2 or more	176	11	-	11	20	14	23	39	27	14	-	17	120
None or also used by another household	1 373	221	141	299	159	210	185	99	31	-	6	22	71
INCOME IN 1969													
Less than \$2,000	2 672	418	248	339	288	548	395	239	100	25	-	72	80
\$2,000 to \$2,999	1 022	114	63	109	127	259	170	121	33	11	-	15	87
\$3,000 to \$3,999	899	85	32	112	137	205	173	113	23	5	-	4	96
\$4,000 to \$4,999	791	20	32	72	112	195	209	104	38	5	-	9	97
\$5,000 to \$5,999	949	21	27	76	105	275	200	177	59	-	-	9	103
\$6,000 to \$6,999	842	19	12	85	117	138	222	145	75	6	-	23	107
\$7,000 to \$9,999	2 717	45	33	140	228	710	822	538	142	20	11	28	105
\$10,000 to \$14,999	1 683	10	9	55	94	341	470	474	185	23	-	22	114
\$15,000 to \$24,999	500	6	-	13	21	131	147	122	51	9	-	-	111
\$25,000 or more	55	16	-	-	-	13	5	16	5	-	-	-	...
Median	\$5 700	\$2000	\$2000	\$3 500	\$4 600	\$5 700	\$7 100	\$7 700	\$7 600	\$7 000	...	\$3 500	...
YEAR MOVED INTO UNIT													
1969 to March 1970	4 558	182	142	385	352	956	1 126	917	391	55	-	52	104
1968	1 625	101	81	116	115	417	380	307	75	13	-	20	99
1967	1 136	50	38	92	123	267	283	211	72	-	-	-	100
1965 and 1966	1 476	100	51	160	210	404	295	186	58	6	-	6	90
1960 to 1964	1 510	87	86	77	199	412	307	241	70	20	-	11	95
1950 to 1959	1 418	188	61	118	180	301	295	147	49	8	15	56	88
1949 or earlier	426	40	33	40	43	104	62	31	21	8	-	44	85
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	963	111	36	106	138	302	188	77	5	-	-	...	86
10 to 14 percent	2 446	47	62	237	285	743	634	378	51	9	-	...	96
15 to 19 percent	2 081	92	26	73	199	410	649	491	137	4	-	...	107
20 to 24 percent	1 273	43	49	87	101	255	291	273	158	16	-	...	101
25 to 34 percent	1 522	172	60	119	125	265	357	296	115	13	-	...	107
35 percent or more	3 205	258	151	319	348	740	610	499	219	50	11	...	94
Not computed	640	31	72	60	33	100	84	35	26	12	-	187	86
AIR CONDITIONING													
Room unit(s)	928	-	-	20	65	124	235	369	96	12	-	7	121
Central system	133	5	-	7	-	11	18	28	58	6	-	-	147
None	11 088	743	492	961	1 157	2 726	2 495	1 643	582	92	15	182	95

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

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

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

Gary	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	12 582	12 380	4 142	5 464	1 968	806	202	119	53	25	5
PERSONS											
1 person	1 000	960	951	9	—	—	40	40	—	—	—
2 persons	2 557	2 485	2 377	108	—	—	72	63	9	—	—
3 persons	2 147	2 113	661	1 442	10	—	34	16	18	—	—
4 persons	2 040	2 025	95	1 916	9	5	15	—	15	—	—
5 persons	1 560	1 550	58	1 188	271	33	10	—	—	10	—
6 persons or more	3 278	3 247	—	801	1 678	768	31	—	—	11	15
Median	3.8	3.8	2.0	4.1	6.5	7.5+	2.3	1.8	...	...	...
Units with roomers, boarders, or lodgers	651	617	182	317	71	47	34	21	8	5	—
YEAR STRUCTURE BUILT											
1969 to March 1970	141	129	34	61	34	—	12	12	—	—	—
1965 to 1968	661	661	165	350	125	21	—	—	—	—	—
1960 to 1964	1 010	1 010	223	540	159	88	—	—	—	—	—
1950 to 1959	4 336	4 285	1 132	2 003	790	360	51	31	7	13	—
1940 to 1949	2 895	2 840	1 038	1 226	375	201	55	19	30	6	—
1939 or earlier	3 529	3 480	1 571	1 322	440	147	49	33	4	6	6
INCOME IN 1969											
Less than \$2,000	1 294	1 233	796	302	76	59	61	52	4	5	—
\$2,000 to \$2,999	465	434	229	152	34	19	31	31	—	—	—
\$3,000 to \$3,999	503	497	332	110	50	5	6	—	6	—	—
\$4,000 to \$4,999	425	425	210	164	46	5	—	—	—	—	—
\$5,000 to \$5,999	465	455	195	165	68	27	10	5	5	—	—
\$6,000 to \$6,999	626	611	199	275	95	42	15	11	4	—	—
\$7,000 to \$9,999	2 831	2 816	864	1 218	501	233	15	—	15	—	—
\$10,000 to \$14,999	3 713	3 663	835	1 797	730	301	50	15	15	15	5
\$15,000 to \$24,999	1 986	1 976	399	1 146	337	94	10	5	—	5	—
\$25,000 or more	274	270	83	135	31	21	4	—	4	—	—
Median	\$9 700	\$9 700	\$7 400	\$11 000	\$10 800	\$10 200	\$5 300	\$2 200	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	10 169	10 053	3 105	4 612	1 630	706	116	62	34	15	5
Less than 1.5	4 721	4 674	1 016	2 343	916	399	47	5	22	15	5
1.5 to 1.9	2 117	2 108	560	1 049	376	123	9	5	4	—	—
2.0 to 2.4	998	988	337	469	107	75	10	10	—	—	—
2.5 to 2.9	519	519	197	236	72	14	—	—	—	—	—
3.0 to 3.9	450	438	231	133	47	27	12	8	4	—	—
4.0 or more	1 157	1 129	634	320	107	68	28	24	4	—	—
Not computed	207	197	130	62	5	—	10	10	—	—	—
HEATING EQUIPMENT											
Steam or hot water	1 521	1 490	637	600	216	37	31	20	11	—	—
Warm-air furnace	8 831	8 714	2 785	3 989	1 372	568	117	75	22	15	5
Built-in electric units	158	158	49	75	17	17	—	—	—	—	—
Floor, wall, or pipeless furnace	281	276	86	136	28	26	—	—	5	—	—
Other means	1 791	1 742	585	664	335	158	49	24	15	10	—
None	—	—	—	—	—	—	—	—	—	—	—
Renter occupied housing units	12 317	11 192	4 135	4 783	1 617	657	1 125	477	472	83	93
PERSONS											
1 person	2 936	2 318	2 169	149	—	—	618	371	247	—	—
2 persons	2 829	2 591	1 827	764	—	—	238	102	103	—	33
3 persons	2 125	2 048	139	1 857	46	6	77	4	42	19	12
4 persons	1 626	1 566	—	1 403	138	25	60	—	45	10	5
5 persons	1 005	964	—	438	467	59	41	—	16	20	5
6 persons or more	1 796	1 705	—	172	966	567	91	—	19	34	38
Median	2.7	2.8	1.5	3.3	5.8	7.5	1.4	1.1	1.5	...	...
Units with roomers, boarders, or lodgers	400	331	150	150	22	9	69	21	33	10	5
YEAR STRUCTURE BUILT											
1969 to March 1970	343	337	82	199	33	23	6	—	—	6	—
1965 to 1968	311	299	118	116	57	8	12	—	—	6	6
1960 to 1964	1 69	163	48	89	20	6	6	6	—	—	—
1950 to 1959	2 012	1 936	569	909	342	116	76	21	37	18	—
1940 to 1949	3 560	3 392	1 184	1 477	543	188	168	94	54	13	7
1939 or earlier	5 928	5 124	2 157	2 054	571	342	804	333	388	36	47
INCOME IN 1969											
Less than \$2,000	2 728	2 310	1 176	835	196	103	418	248	141	18	11
\$2,000 to \$2,999	1 035	915	406	347	126	36	120	32	54	9	25
\$3,000 to \$3,999	915	810	275	339	108	88	105	31	46	11	17
\$4,000 to \$4,999	796	751	204	384	127	36	45	11	34	—	—
\$5,000 to \$5,999	949	874	298	369	151	56	75	44	31	—	—
\$6,000 to \$6,999	847	751	221	326	157	47	96	23	52	16	5
\$7,000 to \$9,999	2 775	2 617	961	1 094	420	142	158	54	74	24	6
\$10,000 to \$14,999	1 711	1 635	470	835	247	83	76	27	20	5	24
\$15,000 to \$24,999	506	481	107	237	81	56	25	—	20	—	5
\$25,000 or more	55	48	17	17	4	10	7	7	—	—	—
Median	\$5 700	\$5 900	\$5 000	\$6 400	\$6 600	\$6 200	\$3 200	\$2000—	\$3 900	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	12 130	11 010	4 103	4 658	1 598	651	1 120	472	472	83	93
Less than 10 percent	963	841	234	395	133	79	122	27	73	—	22
10 to 14 percent	2 446	2 247	787	1 058	294	108	199	83	87	11	18
15 to 19 percent	2 081	1 989	651	852	375	111	92	34	51	7	—
20 to 24 percent	1 273	1 183	396	482	234	71	90	22	25	32	11
25 to 34 percent	1 522	1 400	425	636	237	102	122	50	55	—	17
35 percent or more	3 205	2 811	1 326	1 030	301	154	394	204	145	20	25
Not computed	640	539	284	205	24	26	101	52	36	13	—
HEATING EQUIPMENT											
Steam or hot water	3 135	2 771	1 286	1 112	282	91	364	129	166	12	57
Warm-air furnace	4 913	4 652	1 583	2 110	713	246	261	85	148	17	11
Built-in electric units	386	367	89	190	63	25	19	5	4	10	—
Floor, wall, or pipeless furnace	300	280	80	133	43	24	20	4	16	—	—
Other means	3 535	3 086	1 090	1 219	511	266	449	247	133	44	25
None	48	36	7	19	5	5	12	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 C-15. Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

Gary	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	12 582	14	71	218	2 697	5 260	2 730	928	664	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	12 265	14	61	193	2 549	5 127	2 684	985	652	5.1
PERSONS										
1 person	1 000	9	11	56	384	365	123	32	20	4.6
2 persons	2 557	—	28	89	759	1 107	472	50	52	4.9
3 persons	2 147	—	10	19	499	942	454	132	91	5.1
4 persons	2 040	—	5	9	431	887	447	166	95	5.1
5 persons	1 560	—	12	21	281	624	387	136	99	5.2
6 persons or more	3 278	5	5	24	343	1 335	847	412	307	5.4
Median	3.8	...	...	2.1	2.9	3.7	4.2	5.1	5.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	12 380	14	61	209	2 628	5 199	2 692	922	655	5.1
0.50 or less	4 142	—	6	51	1 104	1 434	1 028	208	311	5.1
0.51 to 1.00	5 464	9	23	104	920	2 435	1 122	574	277	5.2
1.01 to 1.50	1 968	—	10	9	395	931	462	111	50	5.1
1.51 or more	806	5	22	45	209	399	80	29	17	4.8
Lacking some or all plumbing facilities	202	—	10	9	69	61	38	6	9	4.7
0.50 or less	119	—	5	5	39	38	21	6	5	4.8
0.51 to 1.00	53	—	5	4	10	18	12	—	4	...
1.01 to 1.50	25	—	—	—	15	5	5	—	—	...
1.51 or more	5	—	—	—	5	—	—	—	—	...
BEDROOMS										
None and 1	408	19	73	174	109	33	—	—	—	3.1
2	4 914	—	—	79	2 439	2 027	324	26	19	4.5
3	5 861	—	—	—	176	3 353	1 856	340	136	5.3
4 or more	1 345	—	—	—	—	42	445	339	519	7.0
YEAR STRUCTURE BUILT										
1969 to March 1970	140	—	—	4	12	46	58	15	5	5.6
1960 to 1968	1 699	—	6	6	140	913	334	172	128	5.3
1950 to 1959	4 291	10	10	44	892	2 111	844	216	164	5.1
1949 or earlier	6 452	4	55	164	1 653	2 190	1 494	525	367	5.1
COMPLETE BATHROOMS										
1 and 1 1/2	10 600	6	61	185	2 359	4 729	2 254	735	271	5.1
2 or more	1 712	8	—	13	213	404	436	250	388	6.0
None or also used by another household	260	—	8	11	100	67	57	—	17	4.7
VALUE-INCOME RATIO										
Specified owner occupied ¹	10 169	10	51	115	2 012	4 392	2 194	850	545	5.2
Less than 1.5	4 721	—	25	25	882	2 026	1 108	399	256	5.2
1.5 to 1.9	2 117	5	—	20	374	964	420	225	109	5.2
2.0 to 2.9	1 517	—	12	9	354	623	322	130	67	5.1
3.0 or more	1 607	5	8	57	343	692	300	89	113	5.1
Not computed	207	—	6	4	59	87	44	7	—	4.9
Renter occupied housing units	12 317	447	706	2 363	5 454	2 199	896	172	80	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	10 761	77	419	2 030	5 086	2 035	861	170	83	4.1
PERSONS										
1 person	2 936	396	457	993	791	233	42	12	12	3.1
2 persons	2 829	33	154	713	1 497	347	69	6	10	3.8
3 persons	2 125	18	65	387	1 165	347	104	29	10	4.0
4 persons	1 626	—	30	148	983	324	128	13	—	4.1
5 persons	1 005	—	—	64	487	304	125	16	9	4.4
6 persons or more	1 796	—	—	58	531	644	428	96	39	5.0
Median	2.7	1.1	1.3	1.8	2.9	4.0	5.3	5.8	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	11 192	155	451	2 158	5 199	2 131	852	166	80	4.0
0.50 or less	4 135	—	275	874	2 138	562	207	47	32	3.9
0.51 to 1.00	4 783	149	105	1 035	2 085	953	334	88	34	4.0
1.01 to 1.50	1 617	—	46	138	687	482	230	25	9	4.4
1.51 or more	657	6	25	111	289	134	81	6	5	4.1
Lacking some or all plumbing facilities	1 125	292	255	205	255	68	44	6	—	2.6
0.50 or less	477	—	182	119	150	18	8	—	—	3.0
0.51 to 1.00	472	247	49	65	63	22	26	—	—	1.5
1.01 to 1.50	83	—	19	10	25	13	10	6	—	...
1.51 or more	93	45	5	11	17	15	—	—	—	...
BEDROOMS										
None	495	347	148	—	—	—	—	—	—	1.2
1	3 258	—	653	—	—	—	—	—	—	3.0
2	6 454	—	—	2 046	4 995	20	44	—	—	4.1
3 or more	2 195	—	—	334	178	1 034	759	22	58	5.4
YEAR STRUCTURE BUILT										
1969 to March 1970	351	—	—	24	180	91	47	—	9	4.3
1960 to 1968	549	—	10	52	310	121	25	21	10	4.2
1950 to 1959	2 051	34	23	230	1 083	427	226	12	16	4.2
1949 or earlier	9 366	413	673	2 057	3 881	1 560	598	139	45	3.9
COMPLETE BATHROOMS										
1 and 1 1/2	10 774	136	428	2 082	5 084	2 019	817	162	46	4.0
2 or more	176	—	5	11	40	31	44	8	37	5.5
None or also used by another household	1 373	313	225	267	391	109	60	8	—	3.1
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	12 130	437	706	2 328	5 362	2 174	882	167	74	4.0
Less than 10 percent	963	59	63	173	471	126	50	12	9	3.9
10 to 14 percent	2 446	92	130	511	1 127	396	147	30	13	3.9
15 to 19 percent	2 081	42	75	374	927	447	182	34	—	4.1
20 to 24 percent	1 273	—	47	221	556	264	148	14	—	4.1
25 to 34 percent	1 522	64	113	248	693	265	75	40	24	4.0
35 percent or more	3 205	117	228	675	1 367	540	234	32	12	3.9
Not computed	640	40	50	126	221	136	46	5	16	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 C—16. Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

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

Gary	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	12 582	10 596	1 948	38	12 317	2 933	2 316	3 289	2 501	518	744	16
ROOMS												
1 room	14	10	4	—	447	20	17	45	69	48	248	—
2 rooms	71	51	20	—	706	36	36	181	228	70	155	—
3 rooms	218	121	97	—	2 363	309	381	733	738	121	81	—
4 rooms	2 697	2 122	557	18	5 454	1 394	1 184	1 467	1 048	176	180	5
5 rooms	5 260	4 547	698	15	2 199	721	455	561	305	82	64	11
6 rooms	2 730	2 314	411	5	896	325	189	271	84	16	11	—
7 rooms	928	872	56	—	172	69	44	20	29	5	5	—
8 rooms or more	664	559	105	—	80	59	10	11	—	—	—	—
Median	5.1	5.2	4.9	...	4.0	4.3	4.1	4.0	3.7	3.6	2.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	12 380	10 470	1 872	38	11 192	2 827	2 225	3 045	2 166	429	484	16
0.50 or less	4 142	3 230	908	4	4 135	811	842	1 135	954	209	184	—
0.51 to 1.00	5 464	4 826	628	10	4 783	1 177	986	1 340	828	184	263	5
1.01 to 1.50	1 968	1 693	261	14	1 617	596	286	437	247	17	23	11
1.51 or more	806	721	75	10	657	243	111	133	137	19	14	—
Lacking some or all plumbing facilities	202	126	76	—	1 125	106	91	244	335	89	260	—
0.50 or less	119	67	52	—	477	46	53	125	181	23	49	—
0.51 to 1.00	53	34	19	—	472	35	28	70	118	37	184	—
1.01 to 1.50	25	20	5	—	83	16	10	33	18	6	—	—
1.51 or more	5	5	—	—	93	9	—	16	18	23	27	—
BEDROOMS												
None	19	19	—	—	495	—	21	89	79	81	225	—
1	389	240	149	—	3 258	369	456	1 033	898	277	225	—
2	4 914	3 877	992	45	6 454	1 695	1 498	1 845	1 161	84	171	—
3	5 861	5 028	811	22	1 751	822	382	361	172	—	14	—
4 or more	1 345	1 307	38	—	444	204	35	146	34	25	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	140	129	11	—	351	117	62	6	36	30	100	—
1965 to 1968	713	680	28	5	352	106	42	27	54	20	97	6
1960 to 1964	986	946	36	4	197	101	20	31	35	—	10	—
1950 to 1959	4 291	4 068	203	20	2 051	974	249	413	356	26	33	—
1940 to 1949	2 965	2 524	432	9	3 442	936	724	1 044	584	99	50	5
1939 or earlier	3 487	2 249	1 238	—	5 924	699	1 219	1 768	1 436	343	454	5
INCOME IN 1969												
Less than \$2,000	1 294	943	351	—	2 728	653	465	772	553	91	189	5
\$2,000 to \$2,999	465	353	108	4	1 035	191	254	291	183	62	54	—
\$3,000 to \$3,999	503	384	119	—	915	185	203	257	175	46	49	—
\$4,000 to \$4,999	425	315	110	—	794	159	137	224	176	48	52	—
\$5,000 to \$5,999	465	369	96	—	949	165	196	259	206	55	68	—
\$6,000 to \$6,999	626	510	116	—	847	224	176	227	135	15	70	—
\$7,000 to \$9,999	2 831	2 397	414	20	2 775	709	457	758	606	120	125	—
\$10,000 to \$14,999	3 713	3 240	464	9	1 711	457	308	383	368	62	122	11
\$15,000 to \$24,999	1 986	1 825	161	—	506	179	93	114	86	19	15	—
\$25,000 or more	274	260	9	5	55	11	27	4	13	—	—	—
Median	\$9 700	\$10 000	\$7 500	...	\$5 700	\$6 500	\$5 500	\$5 400	\$5 800	\$5 200	\$5 400	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 481	1 256	212	13	4 626	1 011	818	1 166	868	226	529	8
1968	1 194	1 088	106	—	1 662	411	237	366	434	85	114	15
1967	866	772	94	—	1 143	306	210	316	258	32	21	—
1965 and 1966	1 144	1 059	85	—	1 519	391	264	456	310	71	27	—
1960 to 1964	2 301	2 018	279	4	1 518	339	377	415	322	43	22	—
1950 to 1959	3 531	3 010	514	7	1 309	281	256	402	304	17	49	—
1949 or earlier	2 055	1 387	662	6	546	119	133	148	95	35	16	—
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	12 130	2 746	2 316	3 289	2 501	518	744	16
Less than \$50	...	...	...	...	754	167	92	205	163	41	86	—
\$50 to \$59	...	...	...	...	456	67	58	161	98	29	43	—
\$60 to \$69	...	...	...	...	1 001	134	213	290	206	35	123	—
\$70 to \$79	...	...	...	...	1 229	180	195	437	340	36	41	—
\$80 to \$99	...	...	...	...	2 815	361	585	922	726	146	75	—
\$100 to \$119	...	...	...	...	2 813	728	564	755	547	107	112	—
\$120 to \$149	...	...	...	...	2 049	672	393	387	318	83	190	6
\$150 to \$199	...	...	...	...	711	316	141	85	81	26	52	10
\$200 to \$299	...	...	...	...	104	36	23	19	6	15	5	—
\$300 or more	...	...	...	...	11	—	—	—	7	—	4	—
No cash rent	...	...	...	...	187	85	52	28	9	—	13	—
Median	...	...	...	...	\$98	\$112	\$100	\$92	\$91	\$95	\$98	...
HEATING EQUIPMENT												
Steam or hot water	1 521	938	578	5	3 135	235	393	988	855	296	368	—
Warm-air furnace	8 831	7 860	957	14	4 913	1 534	1 187	1 105	673	102	301	11
Built-in electric units	158	148	10	—	386	170	83	48	23	16	46	—
Floor, wall, or pipeless furnace	281	240	41	—	300	124	53	61	51	11	—	—
Other means	1 791	1 410	362	19	3 535	853	595	1 083	877	93	29	5
None	—	—	—	—	48	17	5	4	22	—	—	—
AIR CONDITIONING												
Room unit(s)	2 022	1 772	243	7	951	221	192	167	142	64	165	—
Central system	1 071	1 007	64	—	133	17	13	—	30	7	66	—
None	9 479	7 811	1 645	23	11 239	2 620	2 090	3 102	2 419	438	547	23
AUTOMOBILES AVAILABLE												
1	6 988	5 893	1 078	17	5 377	1 253	1 034	1 400	1 105	232	345	8
2	3 103	2 845	258	—	684	234	139	127	109	13	55	7
3 or more	316	295	21	—	52	31	8	13	—	—	—	—
None	2 165	1 557	595	13	6 210	1 340	1 114	1 729	1 377	264	378	8

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

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

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

Gary	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	12 582	1 000	2 557	2 147	2 040	1 560	1 227	955	1 096	3.8
BEDROOMS										
None and 1	408	149	154	39	22	-	-	-	44	1.9
2	4 914	566	1 615	941	776	492	316	103	105	2.8
3	5 861	182	820	1 196	1 178	780	661	456	588	4.1
4 or more	1 345	-	54	141	111	234	215	272	318	6.1
YEAR STRUCTURE BUILT										
1969 to March 1970	140	-	18	44	29	22	21	6	-	3.8
1965 to 1968	713	18	93	132	173	110	63	59	65	4.2
1960 to 1964	986	22	151	154	208	130	107	104	110	4.3
1950 to 1959	4 291	274	696	698	731	563	526	377	426	4.2
1940 to 1949	2 965	271	704	483	439	385	275	178	230	3.6
1939 or earlier	3 487	415	895	636	460	350	235	231	265	3.2
UNITS IN STRUCTURE										
1	10 596	613	2 078	1 755	1 828	1 412	1 088	830	992	4.0
2 or more	1 948	383	479	387	207	148	135	120	89	2.8
Mobile home or trailer	38	4	-	5	5	-	4	5	15	...
COMPLETE BATHROOMS										
1 and 1 1/2	10 600	829	2 164	1 806	1 825	1 383	963	801	829	3.8
2 and 2 1/2	1 540	109	234	269	215	150	191	146	226	4.2
3 or more	172	21	40	33	8	22	34	7	7	3.3
None or also used by another household	260	67	66	31	11	14	23	29	19	2.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	11 582	...	2 557	2 147	2 040	1 560	1 227	955	1 096	4.0
Male head, wife present, no nonrelatives	9 353	...	1 852	1 738	1 667	1 312	1 065	806	913	4.2
Under 25 years	179	...	74	50	23	11	-	-	-	2.8
25 to 34 years	1 549	...	97	303	407	312	238	114	78	4.4
35 to 44 years	2 614	...	204	346	514	362	332	494	52	5.2
45 to 64 years	4 061	...	1 044	786	631	541	418	319	322	3.8
65 years and over	950	...	433	253	92	76	36	41	19	2.7
Other male head	572	...	206	129	73	71	24	18	51	3.1
Under 65 years	437	...	155	96	60	49	24	18	35	3.2
65 years and over	135	...	51	33	13	22	-	-	16	3.0
Female head	1 657	...	499	280	300	177	138	131	132	3.7
Under 65 years	1 430	...	386	240	267	155	133	123	126	3.8
65 years and over	227	...	113	40	33	22	5	8	6	2.5
One-person households	1 000	1 000	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied¹	10 169	589	1 997	1 666	1 753	1 354	1 034	814	962	4.0
Less than 1.5	4 721	54	660	776	920	755	627	427	502	4.4
1.5 to 1.9	2 117	55	354	410	400	270	195	231	202	4.1
2.0 to 2.4	998	77	213	186	188	142	56	36	100	3.6
2.5 to 2.9	519	67	100	65	98	70	60	35	24	3.8
3.0 to 3.9	450	35	198	51	30	42	31	25	38	2.5
4.0 or more	1 157	223	408	145	107	58	65	60	91	2.4
Not computed	207	78	64	33	10	17	-	-	5	1.9
Renter occupied housing units										
12 317	2 936	2 829	2 125	1 626	1 005	714	569	513	2.7	
BEDROOMS										
None	495	370	84	21	20	-	-	-	-	1.2
1	3 258	1 695	860	398	185	76	44	-	-	1.5
2	6 454	829	1 625	1 422	1 295	681	262	207	133	3.0
3 or more	2 195	113	86	243	325	340	372	414	302	5.5
YEAR STRUCTURE BUILT										
1969 to March 1970	351	43	50	97	62	18	22	29	30	3.4
1965 to 1968	352	69	82	66	38	23	32	26	16	2.9
1960 to 1964	197	41	24	34	48	16	22	12	-	3.5
1950 to 1959	2 051	238	448	358	339	218	186	139	125	3.4
1940 to 1949	3 442	763	815	628	453	374	164	111	134	2.7
1939 or earlier	5 924	1 799	1 393	942	686	356	288	252	208	2.3
UNITS IN STRUCTURE										
1	2 933	419	473	517	402	398	292	222	210	3.6
2	3 316	448	576	486	309	184	121	126	66	2.8
3 and 4	3 289	727	830	513	501	283	195	115	125	2.7
5 to 9	2 501	751	681	386	326	95	87	89	86	2.2
10 to 19	518	187	135	110	30	19	7	12	18	2.0
20 or more	744	404	134	108	58	26	6	-	8	1.4
Mobile home or trailer	16	-	-	5	-	-	6	5	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	10 774	2 197	2 553	2 014	1 456	923	671	491	469	2.8
2 or more	176	24	42	27	37	12	7	7	20	3.3
None or also used by another household	1 373	700	256	126	103	58	36	40	54	1.5
HOUSEHOLD COMPOSITION										
Two-or-more-person households	9 381	...	2 829	2 125	1 626	1 005	714	569	513	3.4
Male head, wife present, no nonrelatives	5 460	...	1 630	1 251	954	647	415	287	276	3.4
Under 25 years	954	...	264	364	198	104	6	13	5	3.1
25 to 34 years	1 780	...	344	447	360	283	181	93	72	3.8
35 to 44 years	917	...	206	117	167	138	113	90	86	4.3
45 to 64 years	1 358	...	517	263	171	105	115	79	108	3.1
65 years and over	451	...	299	60	58	17	-	12	5	2.3
Other male head	606	...	335	105	66	30	23	17	30	2.4
Under 65 years	535	...	274	100	66	30	18	17	30	2.5
65 years and over	71	...	61	5	-	-	5	-	-	...
Female head	3 315	...	864	769	606	328	276	265	207	3.5
Under 65 years	3 100	...	733	744	581	319	268	254	201	3.6
65 years and over	215	...	131	25	25	9	8	11	6	2.3
One-person households	2 936	2 936	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	12 130	2 907	2 795	2 071	1 601	987	704	563	502	2.7
Less than 10 percent	963	163	238	209	91	102	60	48	52	2.9
10 to 14 percent	2 446	523	605	480	357	175	134	103	69	2.7
15 to 19 percent	2 081	374	448	374	315	196	148	144	82	3.1
20 to 24 percent	1 273	246	268	182	198	111	95	77	96	3.2
25 to 34 percent	1 522	325	309	310	195	113	113	93	64	2.9
35 percent or more	3 205	1 004	794	443	376	232	129	98	129	2.3
Not computed	640	272	133	73	69	58	25	-	10	1.9

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

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

Table D-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]

Hammond					Hammond				
	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					Vacant for rent				
ROOMS	86	10	29	47	ROOMS	831	439	153	239
1 to 3 rooms	—	—	—	—	1 room	91	84	7	—
4 rooms	21	6	7	8	2 rooms	132	101	16	15
5 rooms	39	4	19	16	3 rooms	284	155	65	64
6 rooms	23	—	—	23	4 rooms	233	68	52	113
7 rooms or more	3	—	3	—	5 rooms	79	25	10	44
					6 rooms	9	6	—	3
					7 rooms or more	3	—	3	—
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	82	10	29	43	With all plumbing facilities	731	356	144	231
Lacking some or all plumbing facilities	4	—	—	4	Lacking some or all plumbing facilities	100	83	9	8
BEDROOMS					BEDROOMS				
None and 1	—	—	—	—	None	121	87	17	17
2	—	—	—	—	1	391	261	43	87
3	98	42	12	44	2	362	103	89	170
4 or more	—	—	—	—	3 or more	—	—	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	3	—	—	—	1969 to March 1970	146	9	4	133
1960 to 1968	4	—	—	3	1960 to 1968	74	62	12	—
1950 to 1959	19	—	4	—	1950 to 1959	36	24	8	4
1949 or earlier	60	10	21	29	1949 or earlier	575	344	129	102
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	70	6	25	39	1	88	41	32	15
2 or more	16	4	4	8	2 to 4	291	148	63	80
					5 to 9	139	100	27	12
					10 to 19	76	58	9	9
					20 or more	237	92	22	123
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	11	—	7	4	Specified vacant for rent²				
Warm-air furnace	67	10	18	39	Less than \$50	831	439	153	239
Built-in electric units	—	—	—	—	\$50 to \$59	75	51	18	6
Floor, wall, or pipeless furnace	—	—	—	—	\$60 to \$79	40	24	9	7
Other means	8	—	—	—	\$80 to \$99	114	42	22	50
None	—	—	4	4	\$100 to \$119	207	146	40	21
					\$120 to \$149	127	82	33	12
					\$150 to \$199	123	86	27	10
					\$200 or more	81	8	4	69
					Median rent asked	64	—	—	64
						\$98	\$94	\$94	\$160
SALES PRICE ASKED									
Specified vacant for sale¹									
Less than \$5,000	66	6	25	35					
\$5,000 to \$9,999	4	—	—	4					
\$10,000 to \$14,999	3	—	3	—					
\$15,000 to \$19,999	25	—	11	14					
\$20,000 to \$24,999	23	6	11	6					
\$25,000 to \$34,999	6	—	—	6					
\$35,000 to \$49,999	—	—	—	—					
\$50,000 or more	—	—	—	—					
Median price asked	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 D-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]

Hammond	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	66	7	25	23	6	—	5	831	115	114	207	250	81	64
PLUMBING FACILITIES														
With all plumbing facilities	61	24	19	18	—	—	—	772	42	132	183	262	68	85
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	102	85	17	—	—	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	512	102	113	105	192	—	—
2	—	—	—	—	—	—	—	362	25	36	78	70	68	85
3	61	24	19	18	—	—	—	—	—	—	—	—	—	—
4 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	3	—	3	—	—	—	—	146	—	—	—	5	77	64
1960 to 1968	4	—	—	4	—	—	—	74	3	—	3	68	—	—
1950 to 1959	15	—	4	6	—	—	—	36	9	7	10	10	—	—
1949 or earlier	44	7	18	13	6	—	5	575	103	107	194	167	4	—
UNITS IN STRUCTURE														
1	—	—	—	—	—	—	—	88	16	15	32	25	—	—
2 to 4	—	—	—	—	—	—	—	291	42	60	103	86	—	—
5 to 19	—	—	—	—	—	—	—	215	39	27	54	74	21	—
20 or more	—	—	—	—	—	—	—	237	18	12	18	65	60	64
INCLUSION OF UTILITIES IN RENT														
All utilities included	—	—	—	—	—	—	—	422	75	70	150	123	4	—
Some or no utilities included	—	—	—	—	—	—	—	409	40	44	57	127	77	64

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

Appendix A.—AREA CLASSIFICATIONS

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

USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

GENERAL	App-2	Gross rent	App-8
Self-enumeration and census questionnaire	App-2	Rent asked	App-8
Comparability with 1960 data ..	App-2	Value-income ratio	App-8
LIVING QUARTERS	App-3	Gross rent as percentage of income	App-8
Housing units	App-3	HOUSEHOLD CHARACTERISTICS	App-8
Group quarters	App-3	Head of household	App-8
Rules for mobile homes, hotels, rooming houses, etc.	App-3	Household composition	App-8
Institutions	App-4	Nonrelative	App-9
OCCUPANCY AND VACANCY CHARACTERISTICS	App-4	Family or primary individual ...	App-9
Occupied housing units	App-4	Income in 1969	App-9
Race	App-4	FACSIMILES	App-10
Spanish heritage	App-4	Housing Pages in the 1970 Census Questionnaires	App-10
Tenure	App-4	Respondent Instructions for the Housing Questions in the 1970 Census	App-13
Year moved into unit	App-4	GENERAL	
Vacant housing units	App-4	Self-enumeration and census questionnaire.—As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.	
Vacancy status	App-5		
Duration of vacancy	App-5		
UTILIZATION CHARACTERISTICS	App-5		
Persons	App-5		
Rooms	App-5		
Persons per room	App-5		
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STRUCTURAL AND PLUMBING CHARACTERISTICS	App-5		
Direct access	App-5		
Complete kitchen facilities	App-5		
Year structure built	App-6		
Units in structure	App-6		
Elevator in structure	App-6		
Plumbing facilities	App-6		
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EQUIPMENT, FUELS, AND APPLIANCES	App-6		
Heating equipment	App-6		
Air conditioning	App-7		
Automobiles available	App-7		
Automatic clothes washing machine	App-7		
Clothes dryer	App-7		
Dishwasher	App-7		
Home food freezer	App-7		
Owned second home	App-7		
FINANCIAL CHARACTERISTICS	App-7		
Value	App-7		
Sales price asked	App-7		

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

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

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

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

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

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

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B—Continued

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

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p> <p>• <input type="checkbox"/> •</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 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 <u>complete</u> kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p> <p>H4. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p> <p>H5. Is there hot and cold piped water in this building?</p> <p><input type="radio"/> Yes, hot and cold piped water in this building</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p> <p>H6. Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p> <p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p> <p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (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 <u>one-family house</u>?</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 <u>one-family house</u> which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p style="font-size: small; border: 1px solid black; padding: 2px;"><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> <p>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 <u>monthly</u> rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p><i>and</i></p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p> <p>b. If rent is <u>not</u> paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center;"><i>(Nearest dollar) (Week, half-month, year, etc.)</i></p>	<p>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><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><input type="checkbox"/> <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>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="checkbox"/> <u>Seasonal</u></p> <p><input type="checkbox"/> <u>Migratory</u></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?</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>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 <u>with</u> flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters <u>without</u> 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>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>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</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>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>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</p> <p><input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p>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>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>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>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>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>
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15 percent

15 and 5 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 <small>Average monthly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used</p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <small>Average monthly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used</p> <p>c. Water? <input checked="" type="checkbox"/> <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <small>Yearly cost</small> <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 <small>Yearly cost</small> <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used</p>	<p>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 checked="" type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H25a. Which fuel is used most for cooking? <input checked="" type="checkbox"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for house heating? <input checked="" type="checkbox"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>c. Which fuel is used most for water heating? <input checked="" type="checkbox"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1965 to 1968 <input checked="" type="checkbox"/> <input type="radio"/> 1960 to 1964</p> <p><input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier</p>	<p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input checked="" type="checkbox"/> <input type="radio"/> 2 bedrooms</p> <p><input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</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>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>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>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"/> \$50 to \$249 <input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$10,000 or more</p>	<p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation. <input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year? <input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

APPENDIX C—Continued

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

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

. . .

- 6 6-or-more-person household

Male Head Without Own Children Under 18

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

Female Head

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

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

APPENDIX C—Continued

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor if sample rate is—			Characteristic ¹	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit .....	...	1.1	...	Heating equipment	0.8	0.9	...
Duration of vacancy	0.8	...	1.7	Air conditioning .....	...	1.1	...
UTILIZATION CHARACTERISTICS				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.



OFFICIAL BUSINESS

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9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

GRAND RAPIDS, MICH.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-82

1970
CENSUS OF
HOUSING

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



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HOUSING DIVISION

Arthur F. Young, Chief

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**GRAND RAPIDS, MICH.
STANDARD METROPOLITAN
STATISTICAL AREA**

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LIST OF HC(2) REPORTS

Report number	Area	Report number	Area	Report number	Area
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242	Worcester, Mass. SMSA
243	York, Pa. SMSA
244	Youngstown-Warren, Ohio SMSA
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246	Mayagüez, Puerto Rico SMSA
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TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

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

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
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

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

Grand Rapids, Mich.

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 82.]

page

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places

X

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	—	—
Grand Rapids	B	10 to 18	—	—
Wyoming	C	19 to 27	—	—

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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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| 2 | Gross Rent of Renter Occupied Housing Units: 1970 |
| 3 | Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970 |
| 4 | Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970 |
| 5 | Rooms in Owner and Renter Occupied Housing Units: 1970 |
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| 15 | Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970 |
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Counties, Standard Metropolitan Statistical Areas, and Selected Places



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	1 124	289	383	452	Vacant for rent	4 065	1 891	1 274	900
ROOMS					ROOMS				
1 to 3 rooms	42	2	9	31	1 room	182	82	68	32
4 rooms	95	27	23	45	2 rooms	223	145	46	32
5 rooms	324	102	105	117	3 rooms	821	452	212	157
6 rooms	334	94	123	117	4 rooms	1 223	500	441	282
7 rooms or more	329	64	123	142	5 rooms	1 057	505	302	250
					6 rooms	412	156	142	114
					7 rooms or more	147	51	63	33
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	1 094	289	377	428	With all plumbing facilities	3 852	1 805	1 197	850
Lacking some or all plumbing facilities	30	-	6	24	Lacking some or all plumbing facilities	213	86	77	50
BEDROOMS					BEDROOMS				
None and 1	32	-	-	32	None	207	93	75	39
2	278	87	74	117	1	1 532	900	282	350
3	538	139	183	216	2	1 905	815	740	350
4 or more	233	76	61	96	3 or more	431	163	83	185
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	203	87	69	47	1969 to March 1970	731	473	113	145
1960 to 1968	174	41	71	62	1960 to 1968	462	138	150	174
1950 to 1959	169	52	47	70	1950 to 1959	107	38	52	17
1949 or earlier	578	109	196	273	1949 or earlier	2 765	1 242	959	564
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	972	258	322	392	1	732	261	250	221
2 or more	152	31	61	60	2 to 4	1 860	887	593	380
					5 to 9	555	373	153	29
					10 to 19	483	180	187	116
					20 or more	435	190	91	154
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	55	18	11	26	Specified vacant for rent ²	4 021	1 882	1 260	879
Warm-air furnace	947	261	332	354	Less than \$50	293	139	73	81
Built-in electric units	7	3	-	4	\$50 to \$59	267	100	97	70
Floor, wall, or pipeless furnace	15	7	-	8	\$60 to \$79	1 093	503	367	223
Other means	100	-	40	60	\$80 to \$99	758	369	279	110
None	-	-	-	-	\$100 to \$119	359	158	128	73
					\$120 to \$149	462	221	107	134
					\$150 to \$199	555	298	167	90
					\$200 or more	234	94	42	98
					Median rent asked	\$89	\$91	\$87	\$92
SALES PRICE ASKED									
Specified vacant for sale ¹	939	249	315	375					
Less than \$5,000	31	-	3	28					
\$5,000 to \$9,999	208	29	60	119					
\$10,000 to \$14,999	217	60	95	62					
\$15,000 to \$19,999	152	66	32	54					
\$20,000 to \$24,999	111	41	52	18					
\$25,000 to \$34,999	145	43	50	52					
\$35,000 to \$49,999	48	7	7	34					
\$50,000 or more	27	3	16	8					
Median price asked	\$15 400	\$17 700	\$15 000	\$13 300					

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 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	939	239	217	152	111	145	75	4 021	560	1 093	758	821	555	234
PLUMBING FACILITIES														
With all plumbing facilities	880	161	261	205	126	103	24	3 798	354	980	793	886	511	274
Lacking some or all plumbing facilities	49	33	16	-	-	-	-	262	143	84	16	19	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	1 739	387	511	323	497	21	-
2	230	73	86	-	71	-	-	1 905	72	518	417	242	475	181
3	466	71	144	172	55	-	24	358	38	35	69	108	15	93
4 or more	233	50	47	33	-	103	-	58	-	-	-	58	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	193	10	12	59	32	58	22	731	88	15	-	112	346	170
1960 to 1968	155	13	22	24	32	44	20	450	5	11	25	184	167	58
1950 to 1959	160	21	34	20	30	26	29	107	7	13	21	66	-	-
1949 or earlier	431	195	149	49	17	17	4	2 733	460	1 054	712	459	42	6
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	688	52	221	147	146	34	88
2 to 4	...	...	...	...	...	...	...	1 860	247	629	459	415	81	29
5 to 19	...	...	...	...	...	...	...	1 038	145	185	144	133	380	51
20 or more	...	...	...	...	...	...	...	435	116	58	8	127	60	66
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	1 782	388	567	390	359	52	26
Some or no utilities included	...	...	...	...	...	...	...	2 239	172	526	368	462	503	208

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]

Grand Rapids	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	41 408	34	86	423	3 369	10 285	13 160	8 014	6 037	6.0
PERSONS 1 person	6 499	4	31	196	1 044	2 141	1 774	892	417	5.4
2 persons	12 461	11	46	146	1 587	4 197	3 806	1 649	1 019	5.6
3 persons	6 388	5	5	46	404	1 588	2 329	1 270	741	6.0
4 persons	5 973	5	15	217	217	1 228	2 195	1 485	833	6.2
5 persons	4 369	5	15	85	668	1 542	1 081	973	6.4	
6 persons or more	5 718	9	4	5	32	463	1 514	1 637	2 054	7.0
Median	2.8	...	...	1.6	1.9	2.2	2.9	3.6	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	40 929	34	76	396	3 290	10 158	13 064	7 922	5 989	6.0
0.50 or less	23 872	-	27	178	2 564	6 220	7 829	3 762	3 292	5.9
0.51 to 1.00	15 229	4	40	183	609	3 475	4 610	3 813	2 495	6.2
1.01 to 1.50	1 676	5	5	15	110	426	598	324	198	6.0
1.51 or more	152	30	4	20	7	37	27	23	4	6.0
Lacking some or all plumbing facilities	479	-	10	27	79	127	96	92	48	5.5
0.50 or less	372	-	4	18	67	118	80	49	36	5.3
0.51 to 1.00	96	-	6	9	12	9	5	43	12	...
1.01 to 1.50	11	-	-	-	-	-	-	11	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS None and 1	1 539	57	83	498	573	226	60	42	-	3.7
2	10 338	-	-	101	2 572	5 520	1 727	355	63	5.0
3	21 199	-	-	243	4 097	11 002	4 732	1 125	6.1	
4 or more	8 300	-	-	-	69	720	3 137	4 374	7.5+	
YEAR STRUCTURE BUILT 1969 to March 1970	285	4	7	-	20	55	71	37	91	6.3
1960 to 1968	4 229	-	6	16	177	926	1 219	841	1 044	6.3
1950 to 1959	8 743	10	-	30	964	3 047	2 805	1 154	733	5.6
1949 or earlier	28 151	20	73	377	2 208	6 257	9 065	5 982	4 169	6.1
COMPLETE BATHROOMS 1 and 1 1/2	35 409	27	77	290	3 125	9 598	11 727	6 701	3 864	5.9
2 or more	5 314	-	-	30	153	569	1 181	1 079	2 302	7.2
None or also used by another household	690	-	12	31	90	208	147	139	63	5.5
VALUE-INCOME RATIO Specified owner occupied ¹	37 442	28	49	191	2 587	8 821	12 238	7 734	5 794	6.1
Less than 1.5	16 866	10	11	112	868	3 337	5 849	3 767	2 912	6.2
1.5 to 1.9	7 077	5	9	16	405	1 691	2 219	1 610	1 122	6.1
2.0 to 2.9	5 883	9	11	19	434	1 538	1 876	1 032	764	6.0
3.0 or more	7 357	4	18	44	853	2 208	2 219	1 260	751	5.7
Not computed	259	-	-	-	27	47	75	65	45	6.2
Renter occupied housing units Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	22 099	723	995	4 284	5 410	5 847	3 046	1 249	545	4.4
PERSONS 1 person	7 643	708	804	2 522	1 840	1 288	342	104	35	3.4
2 persons	6 564	15	146	1 311	2 136	1 994	639	210	210	4.3
3 persons	2 285	-	26	350	900	1 134	608	187	80	4.8
4 persons	2 056	-	12	76	334	746	563	229	96	5.3
5 persons	1 151	-	-	25	109	359	405	170	83	5.7
6 persons or more	1 400	-	-	7	91	326	489	349	138	6.1
Median	2.0	1.0	1.1	1.3	1.9	2.3	3.4	4.0	4.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	21 242	234	861	4 219	5 315	5 789	3 035	1 244	545	4.5
0.50 or less	12 720	-	689	2 478	3 890	3 246	1 578	496	343	4.3
0.51 to 1.00	7 450	234	131	1 645	1 225	2 217	1 170	650	178	4.7
1.01 to 1.50	886	-	22	71	159	217	282	87	24	5.3
1.51 or more	186	-	19	25	41	85	5	11	-	4.6
Lacking some or all plumbing facilities	857	489	134	65	95	58	11	-	-	4.4
0.50 or less	297	-	115	44	86	36	11	-	-	3.3
0.51 to 1.00	536	474	15	16	9	22	-	-	-	1.1
1.01 to 1.50	9	-	4	5	-	-	-	-	-	...
1.51 or more	15	15	-	-	-	-	-	-	-	...
BEDROOMS None	1 061	803	217	-	-	-	-	-	-	1.2
1	7 181	-	681	41	3 934	434	41	27	-	3.2
2	8 800	-	-	109	3 117	4 750	710	63	51	4.7
3 or more	5 089	-	-	-	45	1 179	2 227	1 003	635	6.1
YEAR STRUCTURE BUILT 1969 to March 1970	789	5	60	189	194	231	71	26	13	4.2
1960 to 1968	2 227	9	54	450	1 007	547	72	43	45	4.1
1950 to 1959	1 198	22	34	162	412	329	194	19	26	4.4
1949 or earlier	17 885	687	847	3 483	3 797	4 740	2 709	1 161	461	4.5
COMPLETE BATHROOMS 1 and 1 1/2	20 276	236	891	4 153	5 267	5 329	2 890	1 122	388	4.4
2 or more	669	8	-	56	77	163	133	108	124	5.7
None or also used by another household	1 152	453	163	143	181	118	75	19	-	2.3
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied ²	22 048	723	995	4 284	5 405	5 832	3 030	1 241	538	4.4
Less than 10 percent	1 644	143	41	300	332	469	278	75	26	4.5
10 to 14 percent	3 996	99	190	714	940	1 195	551	214	93	4.5
15 to 19 percent	3 538	86	114	614	933	950	561	194	86	4.5
20 to 24 percent	2 405	87	87	371	679	580	410	121	70	4.5
25 to 34 percent	2 968	93	110	593	708	854	412	159	39	4.5
35 percent or more	6 427	177	408	1 529	1 674	1 544	638	330	127	4.2
Not computed	1 050	38	45	163	139	240	180	148	97	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-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]

Grand Rapids				Grand Rapids					
	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	476	78	175	223	Vacant for rent	3 033	1 447	933	653
ROOMS					ROOMS				
1 to 3 rooms	4	-	-	4	1 room	156	69	55	32
4 rooms	18	3	4	11	2 rooms	186	127	32	27
5 rooms	129	35	51	43	3 rooms	543	330	136	77
6 rooms	160	24	58	78	4 rooms	872	374	312	186
7 rooms or more	165	16	62	87	5 rooms	794	358	234	202
					6 rooms	357	143	115	99
					7 rooms or more	125	46	49	30
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	466	78	172	216	With all plumbing facilities	2 882	1 382	879	621
Lacking some or all plumbing facilities	10	-	3	7	Lacking some or all plumbing facilities	151	65	54	32
BEDROOMS					BEDROOMS				
None and 1	-	-	-	-	None	187	93	55	39
2	127	58	53	16	1	1 117	675	219	223
3	186	19	40	127	2	2 298	570	498	230
4 or more	99	19	-	80	3 or more	347	163	54	130
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	30	14	8	8	1969 to March 1970	464	284	60	120
1960 to 1968	50	8	17	25	1960 to 1968	168	61	65	42
1950 to 1959	52	8	9	35	1950 to 1959	53	24	21	8
1949 or earlier	344	48	141	155	1949 or earlier	2 348	1 078	787	483
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	387	59	146	182	1	507	204	139	164
2 or more	89	19	29	41	2 to 4	1 562	759	486	317
					5 to 9	403	237	142	24
					10 to 19	299	100	108	91
					20 or more	262	147	58	57
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	27	11	8	8	Specified vacant for sale¹	382	59	146	177
Warm-air furnace	415	64	148	203	Less than \$5,000	9	-	-	9
Built-in electric units	-	-	-	-	\$5,000 to \$9,999	132	13	51	68
Floor, wall, or pipeless furnace	6	3	-	3	\$10,000 to \$14,999	107	14	66	27
Other means	28	-	19	3	\$15,000 to \$19,999	20	10	-	10
None	-	-	-	-	\$20,000 to \$24,999	42	19	13	10
					\$25,000 to \$34,999	33	-	4	29
					\$35,000 to \$49,999	23	3	-	20
					\$50,000 or more	16	-	12	4
					Median price asked	\$12 300	...	\$11 700	\$12 100
					Specified vacant for rent²	3 029	1 443	933	653
					Less than \$50	241	126	53	62
					\$50 to \$59	218	81	81	56
					\$60 to \$79	935	436	283	216
					\$80 to \$99	644	321	245	78
					\$100 to \$119	284	133	98	53
					\$120 to \$149	235	137	61	37
					\$150 to \$199	270	115	102	53
					\$200 or more	202	94	10	98
					Median rent asked	\$84	\$85	\$84	\$79

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]

Grand Rapids	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	382	141	107	20	42	33	39	3 029	459	935	644	519	270	202
PLUMBING FACILITIES														
With all plumbing facilities	340	75	116	19	88	42	-	2 768	318	864	656	528	185	217
Lacking some or all plumbing facilities	33	17	16	-	-	-	-	181	91	55	16	19	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	1 304	335	404	286	279	-	-
2	107	16	34	-	57	-	-	1 298	36	480	331	142	185	124
3	167	57	79	-	31	-	-	329	38	35	55	108	-	93
4 or more	99	19	19	19	-	42	-	18	-	-	-	18	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	27	4	-	5	6	4	8	464	74	15	-	63	168	144
1960 to 1968	50	-	-	-	13	21	16	168	-	4	-	32	74	58
1950 to 1959	52	5	9	-	19	4	15	53	4	-	10	39	-	-
1949 or earlier	253	132	98	15	4	4	-	2 344	381	916	634	385	28	-
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	503	39	174	103	89	16	82
2 to 4 .....	...	...	...	...	...	...	...	1 562	203	544	408	323	59	25
5 to 9 .....	...	...	...	...	...	...	...	702	107	166	125	95	172	37
10 to 19 .....	...	...	...	...	...	...	...	262	110	51	8	12	23	58
20 or more .....	...	...	...	...	...	...	...
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	1 527	339	505	354	301	24	4
Some or no utilities included .....	...	...	...	...	...	...	...	1 502	120	430	290	218	246	198

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 C—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]

Wyoming	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	13 751	11	35	278	2 586	5 207	3 399	1 652	583	5.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 552	8	32	232	2 507	5 232	3 352	1 622	567	5.3
PERSONS										
1 person	1 364	5	20	131	541	348	227	69	23	4.5
2 persons	3 574	6	15	102	1 120	1 401	457	198	75	4.9
3 persons	2 405	—	—	31	494	1 056	468	301	55	5.1
4 persons	2 503	—	—	8	280	1 048	734	334	99	5.4
5 persons	1 882	—	—	—	86	803	621	276	96	5.6
6 persons or more	2 023	—	—	6	65	551	692	474	235	6.1
Median	3.3	...	...	1.6	2.2	3.3	4.0	4.3	4.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	13 620	11	29	261	2 540	5 174	3 375	1 647	583	5.3
0.50 or less	5 657	—	14	114	1 615	1 737	1 343	568	266	5.1
0.51 to 1.00	6 837	5	15	133	774	2 892	1 735	976	307	5.4
1.01 to 1.50	1 021	—	—	8	130	509	277	92	5	5.2
1.51 or more	105	6	—	6	21	36	20	11	5	5.0
Lacking some or all plumbing facilities	131	—	6	17	46	33	24	5	—	4.4
0.50 or less	90	—	6	17	46	12	9	—	—	...
0.51 to 1.00	35	—	—	—	—	15	15	5	—	...
1.01 to 1.50	6	—	—	—	—	6	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	414	16	34	147	133	43	—	—	41	3.6
2	4 357	—	—	166	2 312	1 494	302	64	19	4.4
3	6 884	—	—	—	57	3 281	2 635	802	109	5.5
4 or more	1 965	—	—	—	—	19	594	848	504	6.9
YEAR STRUCTURE BUILT										
1969 to March 1970	153	—	—	6	64	37	22	10	14	4.7
1960 to 1968	2 493	6	—	58	355	1 003	546	395	130	5.3
1950 to 1959	5 204	—	24	64	1 026	2 369	1 185	395	141	5.1
1949 or earlier	5 901	5	11	150	1 141	1 798	1 646	852	298	5.4
COMPLETE BATHROOMS										
1 and 1 1/2	12 734	8	32	225	2 494	5 031	3 109	1 415	420	5.2
2 or more	829	—	—	7	24	201	243	207	147	6.3
None or also used by another household	202	—	—	24	72	57	31	18	—	4.6
VALUE-INCOME RATIO										
Specified owner occupied ¹	12 828	—	15	148	2 203	4 981	3 319	1 594	568	5.3
Less than 1.5	6 299	—	—	53	1 007	2 420	1 715	839	265	5.4
1.5 to 1.9	3 030	—	—	34	436	1 187	802	407	164	5.4
2.0 to 2.9	1 891	—	5	33	319	793	418	235	88	5.2
3.0 or more	1 506	—	10	22	431	529	363	103	48	5.0
Not computed	102	—	—	6	10	52	21	10	3	5.2
Renter occupied housing units	2 802	—	60	532	1 137	652	237	123	61	4.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	2 735	—	51	453	1 105	649	248	147	82	4.3
PERSONS										
1 person	596	—	38	237	182	112	15	9	3	3.6
2 persons	958	—	22	229	477	160	36	29	5	4.0
3 persons	552	—	—	47	275	184	30	11	5	4.3
4 persons	331	—	—	—	148	89	49	34	11	4.7
5 persons	209	—	—	19	43	80	39	7	21	5.0
6 persons or more	156	—	—	—	12	27	68	33	16	6.1
Median	2.3	...	...	1.6	2.3	2.8	4.3	3.9	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	2 763	—	60	512	1 124	646	237	123	61	4.2
0.50 or less	1 349	—	38	228	653	266	81	49	34	4.1
0.51 to 1.00	1 292	—	22	265	416	353	141	68	27	4.4
1.01 to 1.50	97	—	—	—	49	27	15	6	—	...
1.51 or more	25	—	—	19	6	—	—	—	—	...
Lacking some or all plumbing facilities	39	—	—	26	13	6	—	—	—	...
0.50 or less	21	—	—	9	6	6	—	—	—	...
0.51 to 1.00	18	—	—	11	7	—	—	—	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None	—	—	—	—	—	—	—	—	—	...
1	723	—	69	561	78	15	—	—	—	3.0
2	1 739	—	—	80	1 101	521	37	—	—	4.2
3 or more	392	—	—	—	—	141	148	87	16	...
YEAR STRUCTURE BUILT										
1969 to March 1970	257	—	5	86	96	60	10	—	—	3.9
1960 to 1968	967	—	24	212	564	104	35	11	17	3.9
1950 to 1959	417	—	5	35	136	170	32	34	5	4.7
1949 or earlier	1 161	—	26	199	341	318	160	78	39	4.5
COMPLETE BATHROOMS										
1 and 1 1/2	2 666	—	51	453	1 105	643	241	123	50	4.3
2 or more	69	—	—	—	—	6	7	24	32	...
None or also used by another household	51	—	8	20	—	15	8	—	—	...
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	2 774	—	60	532	1 131	652	225	118	56	4.2
Less than 10 percent	144	—	—	22	58	43	15	6	—	4.4
10 to 14 percent	530	—	21	116	238	109	19	16	11	4.0
15 to 19 percent	585	—	—	120	250	136	54	11	5	4.2
20 to 24 percent	483	—	5	113	228	74	31	22	10	4.0
25 to 34 percent	319	—	10	49	105	101	43	11	—	4.5
35 percent or more	503	—	15	103	207	110	43	12	13	4.1
Not computed	210	—	—	9	45	79	20	40	17	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 C-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!]

Wyoming	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	13 751	12 997	318	436	2 802	1 193	547	374	171	254	195	68
ROOMS												
1 room	11	-	5	6	-	-	-	-	-	-	-	-
2 rooms	35	15	-	20	60	-	10	10	10	4	10	16
3 rooms	278	153	49	76	532	60	99	134	48	36	130	25
4 rooms	2 586	2 230	129	227	1 137	349	268	199	94	161	49	17
5 rooms	5 207	5 028	88	91	652	406	142	31	14	43	6	10
6 rooms	3 399	3 358	25	16	237	205	22	-	5	-	-	-
7 rooms	1 652	1 636	16	-	123	112	6	-	-	5	-	-
8 rooms or more	583	577	6	-	61	61	-	-	-	-	-	-
Median	5.3	5.3	4.3	4.0	4.2	5.0	4.1	3.7	3.8	4.0	3.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 620	12 889	314	417	2 763	1 187	519	369	171	254	195	68
0.50 or less	5 657	5 172	221	264	1 349	485	242	217	106	159	99	41
0.51 to 1.00	6 637	6 616	77	144	1 292	626	251	147	65	85	96	22
1.01 to 1.50	1 021	1 008	10	3	97	68	20	5	-	4	-	-
1.51 or more	105	93	6	6	25	8	6	-	-	6	-	5
Lacking some or all plumbing facilities	131	108	4	19	39	6	28	5	-	-	-	-
0.50 or less	90	67	4	19	21	6	15	-	-	-	-	-
0.51 to 1.00	35	35	-	-	18	-	13	5	-	-	-	-
1.01 to 1.50	6	6	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
BEDROOMS												
None	16	-	16	-	-	-	-	-	-	-	-	-
1	398	336	46	16	723	69	134	147	45	54	215	59
2	4 357	3 843	155	359	1 739	687	380	247	160	209	-	56
3	6 884	6 842	20	22	332	305	27	-	-	-	-	-
4 or more	1 965	1 965	-	-	60	60	-	-	-	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	153	64	9	80	257	5	21	27	31	105	63	5
1965 to 1968	712	423	96	193	640	35	102	132	106	109	128	28
1960 to 1964	1 781	1 680	14	87	327	99	41	124	23	30	-	10
1950 to 1959	5 204	5 102	30	72	417	330	31	22	5	5	4	20
1940 to 1949	2 236	2 198	34	4	401	289	69	32	6	5	-	-
1939 or earlier	3 665	3 530	135	-	760	435	283	37	-	-	-	5
INCOME IN 1969												
Less than \$2,000	799	694	49	56	232	96	52	44	19	11	10	-
\$2,000 to \$2,999	452	410	22	20	163	94	19	12	-	17	5	16
\$3,000 to \$3,999	490	463	19	8	170	72	35	10	10	17	16	10
\$4,000 to \$4,999	473	425	24	24	219	113	54	14	6	17	5	10
\$5,000 to \$5,999	505	459	22	24	193	65	69	13	16	10	15	5
\$6,000 to \$6,999	642	572	23	47	281	120	59	55	16	15	16	-
\$7,000 to \$9,999	3 153	3 008	43	102	636	265	115	116	37	42	50	11
\$10,000 to \$14,999	4 820	4 619	88	113	704	275	128	87	61	76	61	16
\$15,000 to \$24,999	2 128	2 076	16	36	171	81	16	23	6	33	12	-
\$25,000 or more	289	271	12	6	33	12	-	-	-	16	5	-
Median	\$10 400	\$10 500	\$7 000	\$8 100	\$7 700	\$7 400	\$6 800	\$8 000	\$8 500	\$9 900	\$8 800	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 415	1 225	19	171	1 607	618	315	190	89	182	178	35
1968	1 273	1 103	69	101	515	217	114	91	45	42	-	6
1967	1 006	946	25	35	234	175	7	33	7	12	-	-
1965 and 1966	1 460	1 376	45	39	154	74	30	36	14	-	-	-
1960 to 1964	2 628	2 544	36	48	129	90	30	-	9	-	-	-
1950 to 1959	3 800	3 699	70	31	59	29	23	-	-	-	-	7
1949 or earlier	2 183	2 111	72	-	88	63	18	-	-	7	-	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	2 774	1 165	547	374	171	254	195	68
Less than \$50	...	...	...	...	16	5	6	-	-	-	-	5
\$50 to \$59	...	...	...	...	31	10	21	-	-	-	-	-
\$60 to \$69	...	...	...	...	60	16	32	7	-	-	-	5
\$70 to \$79	...	...	...	...	82	18	46	18	-	-	-	-
\$80 to \$99	...	...	...	...	318	134	127	46	6	-	-	5
\$100 to \$119	...	...	...	...	505	287	111	61	12	10	-	24
\$120 to \$149	...	...	...	...	871	283	111	213	70	60	122	12
\$150 to \$199	...	...	...	...	658	219	76	29	77	173	73	11
\$200 to \$299	...	...	...	...	44	21	11	-	6	6	-	-
\$300 or more	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent	...	...	...	...	189	172	6	-	-	5	-	6
Median	...	...	...	...	\$130	\$123	\$107	\$128	\$149	\$166	\$144	...
HEATING EQUIPMENT												
Steam or hot water	407	321	86	-	632	28	46	227	104	201	26	-
Warm-air furnace	12 316	11 728	219	369	1 611	960	409	98	45	48	4	47
Built-in electric units	40	40	-	-	205	18	-	5	12	5	165	-
Floor, wall, or pipeless furnace	344	333	6	5	119	70	10	22	6	-	-	11
Other means	644	575	7	62	235	117	82	22	4	-	-	10
None	-	-	-	-	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	2 271	2 145	79	47	797	127	54	108	103	227	178	-
Central system	230	200	-	30	15	-	-	-	7	8	-	-
None	11 264	10 659	257	348	1 974	1 139	483	242	54	8	-	48
AUTOMOBILES AVAILABLE												
1	6 997	6 496	202	299	1 616	717	293	218	102	142	111	33
2	5 018	4 854	77	87	767	348	145	98	50	65	46	15
3 or more	1 053	1 014	27	12	103	39	29	-	-	14	21	-
None	697	640	30	27	300	162	70	34	12	22	-	-

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

Table C-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]

Wyoming

	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	13 751	591	2 516	2 726	4 064	1 150	267	69	869	135	721	643
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 620	591	2 511	2 711	4 044	1 136	267	69	857	135	707	592
0.50 or less	5 657	216	424	201	1 881	948	119	69	384	121	702	592
0.51 to 1.00	6 837	366	1 831	1 900	2 000	188	117	—	416	14	5	—
1.01 to 1.50	1 021	9	245	559	137	—	26	—	45	—	—	—
1.51 or more	105	—	11	51	26	—	5	—	12	—	—	—
Lacking some or all plumbing facilities	131	—	5	15	20	14	—	—	12	—	14	51
0.50 or less	90	—	—	—	4	14	—	—	7	—	14	51
0.51 to 1.00	35	—	5	15	10	—	—	—	5	—	—	—
1.01 to 1.50	6	—	—	—	6	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	12 997	515	2 444	2 682	3 912	1 069	262	58	810	130	566	549
2 or more	318	8	43	14	53	61	5	5	29	—	47	53
Mobile home or trailer	436	68	29	30	99	20	—	6	30	5	108	41
INCOME IN 1969												
Less than \$2,000	799	5	24	16	35	66	20	10	132	25	120	346
\$2,000 to \$2,999	452	—	16	15	41	122	—	16	50	24	31	137
\$3,000 to \$3,999	490	—	—	10	52	229	3	—	54	16	70	56
\$4,000 to \$4,999	473	21	34	25	32	147	—	—	82	—	74	53
\$5,000 to \$5,999	505	29	35	26	98	108	14	11	91	5	63	25
\$6,000 to \$6,999	505	47	89	27	210	96	4	6	81	—	74	8
\$7,000 to \$7,999	642	288	833	600	813	166	63	9	161	28	178	14
\$8,000 to \$8,999	3 153	159	1 163	1 261	1 719	135	130	—	142	16	91	4
\$10,000 to \$14,999	4 820	42	284	700	910	61	29	12	53	21	16	—
\$15,000 to \$24,999	2 128	—	38	46	154	20	4	—	23	—	4	—
\$25,000 or more	289	—	0	—	—	—	—	—	—	—	—	—
Median	\$10 400	\$9 000	\$11 000	\$12 600	\$12 200	\$5 100	\$11 100	...	\$6 300	\$5 500	\$6 000	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	12 828	515	2 429	2 663	3 841	1 033	262	52	799	124	566	544
Less than 1.5	6 299	235	1 239	1 517	2 473	251	125	16	225	47	158	13
1.5 to 1.9	3 030	161	764	770	829	152	68	6	134	—	108	26
2.0 to 2.4	1 266	74	263	259	281	174	34	10	76	—	74	21
2.5 to 2.9	625	19	88	44	124	157	12	5	90	—	42	47
3.0 to 3.9	514	11	45	32	55	140	5	5	92	10	64	59
4.0 or more	992	10	26	41	67	159	12	10	169	35	102	361
Not computed	102	5	4	—	12	—	11	—	22	13	18	17
Renter occupied housing units	2 802	674	518	228	217	82	155	5	310	17	420	176
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	2 763	662	518	228	217	70	155	5	304	17	414	173
0.50 or less	1 349	235	137	28	101	54	81	5	108	13	414	173
0.51 to 1.00	1 292	421	344	155	116	16	69	—	167	4	—	—
1.01 to 1.50	97	6	24	45	—	—	5	—	17	—	—	—
1.51 or more	25	—	13	—	—	—	—	—	12	—	—	—
Lacking some or all plumbing facilities	39	12	—	—	—	12	—	—	6	—	6	3
0.50 or less	21	—	—	—	—	6	—	—	6	—	6	3
0.51 to 1.00	18	—	—	—	—	6	—	—	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	1 193	203	273	164	124	42	57	5	164	17	59	85
2 to 4	921	329	121	48	45	29	33	—	88	—	170	58
5 to 19	425	99	75	10	38	—	45	—	41	—	84	33
20 or more	195	37	33	6	5	—	20	—	11	—	83	—
Mobile home or trailer	68	6	16	—	5	11	—	—	6	—	24	—
GROSS RENT												
Specified renter occupied ²	2 774	666	518	212	217	82	155	5	310	17	416	176
Less than \$50	16	—	—	—	—	11	—	—	—	—	—	5
\$50 to \$59	31	—	—	—	—	—	5	—	—	—	17	3
\$60 to \$69	60	5	—	—	10	3	5	—	—	—	31	6
\$70 to \$79	82	21	—	—	5	10	—	—	11	—	28	7
\$80 to \$89	318	96	34	20	23	15	—	—	28	—	47	35
\$90 to \$99	505	158	93	32	45	17	27	—	45	—	58	30
\$100 to \$119	871	284	170	50	44	5	52	—	90	—	136	40
\$120 to \$149	658	92	187	78	57	—	55	—	110	—	73	6
\$150 to \$199	44	—	17	13	6	—	—	—	8	—	—	—
\$200 to \$299	—	—	—	—	—	—	—	—	—	—	—	—
\$300 or more	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	189	10	17	19	27	15	11	5	18	17	6	44
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	2 774	666	518	212	217	82	155	5	310	17	416	176
Less than \$5,000	777	92	32	9	59	57	32	—	164	13	162	157
Less than 20 percent	14	5	—	—	8	16	—	—	—	—	6	3
20 to 24 percent	54	6	—	—	19	5	—	—	23	—	24	—
25 to 34 percent	94	25	—	—	18	15	32	—	112	—	18	4
35 percent or more	483	51	32	—	14	21	—	—	29	13	6	44
Not computed	132	5	—	—	45	14	60	5	121	4	194	19
\$5,000 to \$9,999	1 105	305	241	97	38	9	—	—	20	—	92	5
Less than 20 percent	432	133	110	25	37	3	—	—	34	—	50	6
20 to 24 percent	382	138	82	37	4	—	—	—	53	—	52	8
25 to 34 percent	220	29	38	20	—	—	—	—	14	—	—	—
35 percent or more	20	—	—	—	—	—	—	—	—	—	—	—
Not computed	51	5	11	15	—	—	—	—	11	5	4	—
\$10,000 to \$14,999	704	253	179	58	75	11	—	—	25	—	54	—
Less than 20 percent	634	248	150	52	57	11	—	—	19	—	48	—
20 to 24 percent	47	5	18	6	—	—	—	—	6	—	6	—
25 percent or more	5	—	5	—	—	—	—	—	—	—	—	—
Not computed	18	—	6	—	12	—	—	—	—	—	—	—
\$15,000 or more	188	16	66	48	38	—	—	—	—	—	6	—
Less than 20 percent	179	16	66	44	33	—	—	—	—	—	—	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	9	—	—	4	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 C-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]

Wyoming

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	13 751	1 364	3 574	2 405	2 503	1 882	1 139	619	265	3.3
BEDROOMS										
None and 1	414	191	223	—	—	—	—	—	—	1.6
2	4 357	838	1 780	910	523	227	79	—	—	2.3
3	6 884	271	1 125	1 263	1 688	1 603	541	373	20	4.0
4 or more	1 965	63	268	190	274	199	367	304	300	5.4
YEAR STRUCTURE BUILT										
1969 to March 1970	153	33	41	39	32	8	—	—	—	2.6
1965 to 1968	712	116	168	138	140	84	33	33	—	3.0
1960 to 1964	1 781	115	315	267	453	330	182	78	41	3.9
1950 to 1959	5 204	321	1 181	957	1 048	810	516	255	116	3.6
1940 to 1949	2 236	202	687	437	375	289	132	89	25	3.0
1939 or earlier	3 665	577	1 182	567	455	361	276	164	83	2.6
UNITS IN STRUCTURE										
1	12 997	1 115	3 280	2 272	2 461	1 872	1 124	608	265	3.4
2 or more	318	100	135	30	21	6	15	11	—	1.9
Mobile home or trailer	436	149	159	103	21	4	—	—	—	1.9
COMPLETE BATHROOMS										
1 and 1 1/2	12 734	1 246	3 428	2 294	2 343	1 676	1 026	481	240	3.2
2 and 2 1/2	797	37	115	94	146	142	137	112	14	4.5
3 or more	32	—	7	—	12	6	—	7	—	—
None or also used by another household	202	78	47	17	13	39	—	8	—	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	12 387	...	3 574	2 405	2 503	1 882	1 139	619	265	3.6
Male head, wife present, no nonrelatives	11 047	...	2 976	2 103	2 322	1 770	1 075	551	250	3.7
Under 25 years	591	...	190	238	129	34	—	—	—	2.9
25 to 34 years	2 516	...	230	466	793	607	292	100	28	4.2
35 to 44 years	2 726	...	106	230	584	709	605	311	181	5.1
45 to 64 years	4 064	...	1 513	1 001	784	407	178	140	41	3.0
65 years and over	1 150	...	937	168	32	13	—	—	—	2.1
Other male head	336	...	170	53	29	27	11	42	4	2.5
Under 65 years	267	...	101	53	29	27	11	42	4	3.1
65 years and over	69	...	69	—	—	—	—	—	—	...
Female head	1 004	...	428	249	152	85	53	26	11	2.8
Under 65 years	869	...	306	241	152	80	53	26	11	3.0
65 years and over	135	...	122	8	—	5	—	—	—	2.1
One-person households	1 364	1 364	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	12 828	1 110	3 203	2 237	2 450	1 852	1 120	591	265	3.4
Less than 1.5	6 299	171	1 310	1 352	1 283	1 016	654	357	156	3.7
1.5 to 1.9	3 030	134	623	504	713	559	284	150	63	3.9
2.0 to 2.4	1 266	95	380	174	248	176	119	59	15	3.4
2.5 to 2.9	625	89	312	64	93	32	16	9	10	2.2
3.0 to 3.9	514	123	219	53	68	24	16	6	5	2.1
4.0 or more	992	463	322	64	41	45	31	10	16	1.6
Not computed	102	35	37	26	4	—	—	—	—	1.9
Renter occupied housing units	2 802	596	958	552	331	209	115	30	11	2.3
BEDROOMS										
None	—	—	—	—	—	—	—	—	—	—
1	723	382	324	—	17	—	—	—	—	1.4
2	1 739	175	658	481	278	103	44	—	—	2.6
3 or more	392	16	—	64	136	49	84	22	21	...
YEAR STRUCTURE BUILT										
1969 to March 1970	257	54	148	30	14	5	—	6	—	2.0
1965 to 1968	640	163	271	117	71	18	—	—	—	2.1
1960 to 1964	327	67	94	72	54	17	23	—	—	2.5
1950 to 1959	417	48	100	88	64	63	45	9	—	3.2
1940 to 1949	401	54	138	106	59	29	15	—	—	2.6
1939 or earlier	760	210	207	139	69	77	32	15	11	2.3
UNITS IN STRUCTURE										
1	1 193	144	305	250	205	145	109	24	11	3.1
2	547	114	176	125	76	50	6	—	—	2.4
3 and 4	374	114	159	81	15	5	—	—	—	2.0
5 to 9	171	45	90	23	13	—	—	—	—	2.0
10 to 19	254	72	111	44	17	4	—	6	—	1.7
20 or more	195	83	78	29	5	—	—	—	—	...
Mobile home or trailer	68	24	39	—	—	5	—	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	2 666	591	908	537	294	206	96	27	7	2.3
2 or more	69	—	6	—	22	26	7	8	—	...
None or also used by another household	51	7	23	14	—	—	7	—	—	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	2 206	...	958	552	331	209	115	30	11	2.8
Male head, wife present, no nonrelatives	1 719	...	722	451	273	156	92	14	11	2.8
Under 25 years	674	...	354	219	83	18	—	—	—	2.5
25 to 34 years	518	...	159	135	110	82	32	—	—	3.2
35 to 44 years	228	...	32	38	35	50	48	14	11	4.7
45 to 64 years	217	...	95	59	45	6	12	—	—	2.7
65 years and over	82	...	82	—	—	—	—	—	—	...
Other male head	160	...	96	38	10	11	—	5	—	2.3
Under 65 years	155	...	91	38	10	11	—	5	—	2.4
65 years and over	5	...	5	—	—	—	—	—	—	...
Female head	327	...	140	63	48	42	23	11	—	2.9
Under 65 years	310	...	127	59	48	42	23	11	—	3.0
65 years and over	17	...	13	4	—	—	—	—	—	...
One-person households	596	596	...	...	...	...	...	...	...	1.6
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	2 774	592	952	552	318	209	110	30	11	2.3
Less than 10 percent	144	11	71	35	16	5	6	—	—	2.4
10 to 14 percent	530	60	271	47	75	61	16	—	—	2.3
15 to 19 percent	585	89	194	170	70	39	23	—	—	2.4
20 to 24 percent	483	86	149	112	56	37	17	15	9	2.6
25 to 34 percent	319	82	69	80	47	15	17	6	—	2.4
35 percent or more	503	214	110	88	24	35	26	6	—	1.8
Not computed	210	50	88	20	30	17	5	—	—	2.1

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

Table C-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]

Wyoming					Wyoming				
	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	88	53	12	23	Vacant for rent	261	109	48	104
ROOMS					ROOMS				
1 to 3 rooms	22	18	—	4	1 room	8	8	—	—
4 rooms	22	11	—	11	2 rooms	91	12	18	61
5 rooms	33	20	9	4	3 rooms	85	37	12	36
6 rooms	11	4	3	4	4 rooms	66	48	14	4
7 rooms or more	—	—	—	—	5 rooms	11	4	4	3
					6 rooms	—	—	—	—
					7 rooms or more	—	—	—	—
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	88	53	12	23	With all plumbing facilities	261	109	48	104
Lacking some or all plumbing facilities	—	—	—	—	Lacking some or all plumbing facilities	—	—	—	—
BEDROOMS					BEDROOMS				
None and 1	31	15	—	16	None	—	—	—	—
2	46	31	—	15	1	142	32	15	95
3	—	—	—	—	2	125	109	16	—
4 or more	15	—	15	—	3 or more	15	—	15	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	7	7	—	—	1969 to March 1970	66	49	17	—
1960 to 1968	10	7	3	—	1960 to 1968	147	36	10	101
1950 to 1959	25	19	6	—	1950 to 1959	7	4	3	—
1949 or earlier	46	20	3	23	1949 or earlier	41	20	18	3
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	77	46	12	19	1	30	15	8	7
2 or more	11	7	—	4	2 to 4	47	28	19	—
					5 to 9	4	—	—	—
					10 to 19	80	59	21	—
					20 or more	100	3	—	97
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	11	7	—	4	Specified vacant for rent ²	261	109	48	104
Warm-air furnace	77	46	12	19	Less than \$50	8	5	3	—
Built-in electric units	—	—	—	—	\$50 to \$59	4	4	—	—
Floor, wall, or pipeless furnace	—	—	—	—	\$60 to \$79	9	4	5	—
Other means	—	—	—	—	\$80 to \$99	16	8	5	3
None	—	—	—	—	\$100 to \$119	19	13	6	—
					\$120 to \$149	112	19	8	85
					\$150 to \$199	93	56	21	16
					\$200 or more	—	—	—	—
					Median rent asked	\$140	\$151	...	\$137
SALES PRICE ASKED									
Specified vacant for sale ¹	77	46	12	19					
Less than \$5,000	—	—	—	—					
\$5,000 to \$9,999	17	8	9	—					
\$10,000 to \$14,999	34	23	3	8					
\$15,000 to \$19,999	22	11	—	11					
\$20,000 to \$24,999	—	—	—	—					
\$25,000 to \$34,999	4	4	—	—					
\$35,000 to \$49,999	—	—	—	—					
\$50,000 or more	—	—	—	—					
Median price asked	...	...	...	...	

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

Table C-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]

Wyoming	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	77	17	34	22	—	4	—	261	12	9	16	131	93	—
PLUMBING FACILITIES														
With all plumbing facilities	92	15	46	31	—	—	—	282	—	15	16	142	109	—
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	142	—	15	16	111	—	—
2	31	—	31	—	—	—	—	125	—	—	—	31	94	—
3	46	—	15	31	—	—	—	15	—	—	—	—	15	—
4 or more	15	15	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	—	—	—	—	—	—	—	66	—	—	—	12	54	—
1960 to 1968	10	3	—	3	—	4	—	147	—	—	8	109	30	—
1950 to 1959	25	6	11	8	—	—	—	7	3	4	—	—	—	—
1949 or earlier	42	8	23	11	—	—	—	41	9	5	8	10	9	—
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	30	—	—	7	14	9	—
2 to 4	...	...	...	...	...	...	...	47	12	9	5	21	—	—
5 to 19	...	...	...	...	...	...	...	84	—	—	4	15	65	—
20 or more	...	...	...	...	...	...	...	100	—	—	—	81	19	—
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	24	3	5	9	4	3	—
Some or no utilities included	...	...	...	...	...	...	...	237	9	4	7	127	90	—

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

Appendix A.—AREA CLASSIFICATIONS

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

USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

GENERAL	App-2	Gross rent	App-8
Self-enumeration and census questionnaire	App-2	Rent asked	App-8
Comparability with 1960 data ..	App-2	Value-income ratio	App-8
LIVING QUARTERS	App-3	Gross rent as percentage of income	App-8
Housing units	App-3	HOUSEHOLD CHARACTERISTICS	App-8
Group quarters	App-3	Head of household	App-8
Rules for mobile homes, hotels, rooming houses, etc.	App-3	Household composition	App-8
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Spanish heritage	App-4	Housing Pages in the 1970 Census Questionnaires	App-10
Tenure	App-4	Respondent Instructions for the Housing Questions in the 1970 Census	App-13
Year moved into unit	App-4	GENERAL	
Vacant housing units	App-4	Self-enumeration and census questionnaire.—As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.	
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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 1 reports.

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

Appendix C.—ACCURACY OF THE DATA

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SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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 style="text-align: center;"><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes —→ What is the number? _____</p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></p> <p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p> <p>H3. Do you have complete kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p> <p>H4. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p> <p>H5. Is there hot and cold piped water in this building?</p> <p><input type="radio"/> Yes, hot and cold piped water in this building</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p> <p>H6. Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p> <p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p> <p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (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—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p style="font-size: small; border: 1px solid black; padding: 2px; width: fit-content; margin-left: 20px;"><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> <p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p style="text-align: center;"><i>and</i></p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p> <p>b. If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center;"><i>(Nearest dollar) (Week, half-month, year, etc.)</i></p>	<p style="text-align: center; font-weight: bold; font-size: small;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; border-right: 1px solid black; padding: 2px;">a4. Block number</td> <td style="width:50%; padding: 2px;">a5. Serial number</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">0 0 0 0</td> <td style="text-align: center;">0 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">1 0 0 0</td> <td style="text-align: center;">1 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">2 0 0 0</td> <td style="text-align: center;">2 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">3 0 0 0</td> <td style="text-align: center;">3 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">4 0 0 0</td> <td style="text-align: center;">4 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">5 0 0 0</td> <td style="text-align: center;">5 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">6 0 0 0</td> <td style="text-align: center;">6 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">7 0 0 0</td> <td style="text-align: center;">7 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">8 0 0 0</td> <td style="text-align: center;">8 0 0 0</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">9 0 0 0</td> <td style="text-align: center;">9 0 0 0</td> </tr> </table> <p>B. Type of unit or quarters</p> <p style="padding-left: 20px;"><u>Occupied</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p style="padding-left: 20px;"><u>Vacant</u></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p style="padding-left: 20px;"><u>Group quarters</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p style="font-size: x-small; margin-top: 10px;"><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p> <p>C. Vacancy status</p> <p style="padding-left: 20px;"><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 style="padding-left: 20px;"><u>Seasonal</u></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 style="margin-top: 10px;">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?</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 checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>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 <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>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"/> 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"/> 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"/> Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/> Electricity <input type="radio"/> Other fuel .. <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959 <input checked="" type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>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 checked="" type="radio"/> 1 bedroom <input type="radio"/> 4 bedrooms <input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <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>H27a. Do you have a clothes washing machine? <input type="radio"/> Yes, automatic or semi-automatic <input type="radio"/> Yes, wringer or separate spinner <input type="radio"/> No</p> <p>b. Do you have a clothes dryer? <input type="radio"/> Yes, electrically heated <input type="radio"/> Yes, gas heated <input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)? <input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H17. Is this building—</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>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>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>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

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SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

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

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- 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, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII. SUBJECT REPORTS

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

Population Census Reports

Volume I. CHARACTERISTICS OF THE POPULATION

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

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

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

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

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

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

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume II.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

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

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

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

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

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

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

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

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Table

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