

1970 CENSUS OF HOUSING

Metropolitan Housing Characteristics

ERIE, PA.

STANDARD METROPOLITAN
STATISTICAL AREA

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

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

¹Vacant units tabulated by plumbing facilities only.

INTRODUCTION

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GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

Derived figures (medians, etc.).—

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

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

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

PROCESSING PROCEDURES

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

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

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

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

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Erie, Pa.

STANDARD METROPOLITAN STATISTICAL AREA

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26	Persons in Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970

Counties, Standard Metropolitan Statistical Areas, and Selected Places

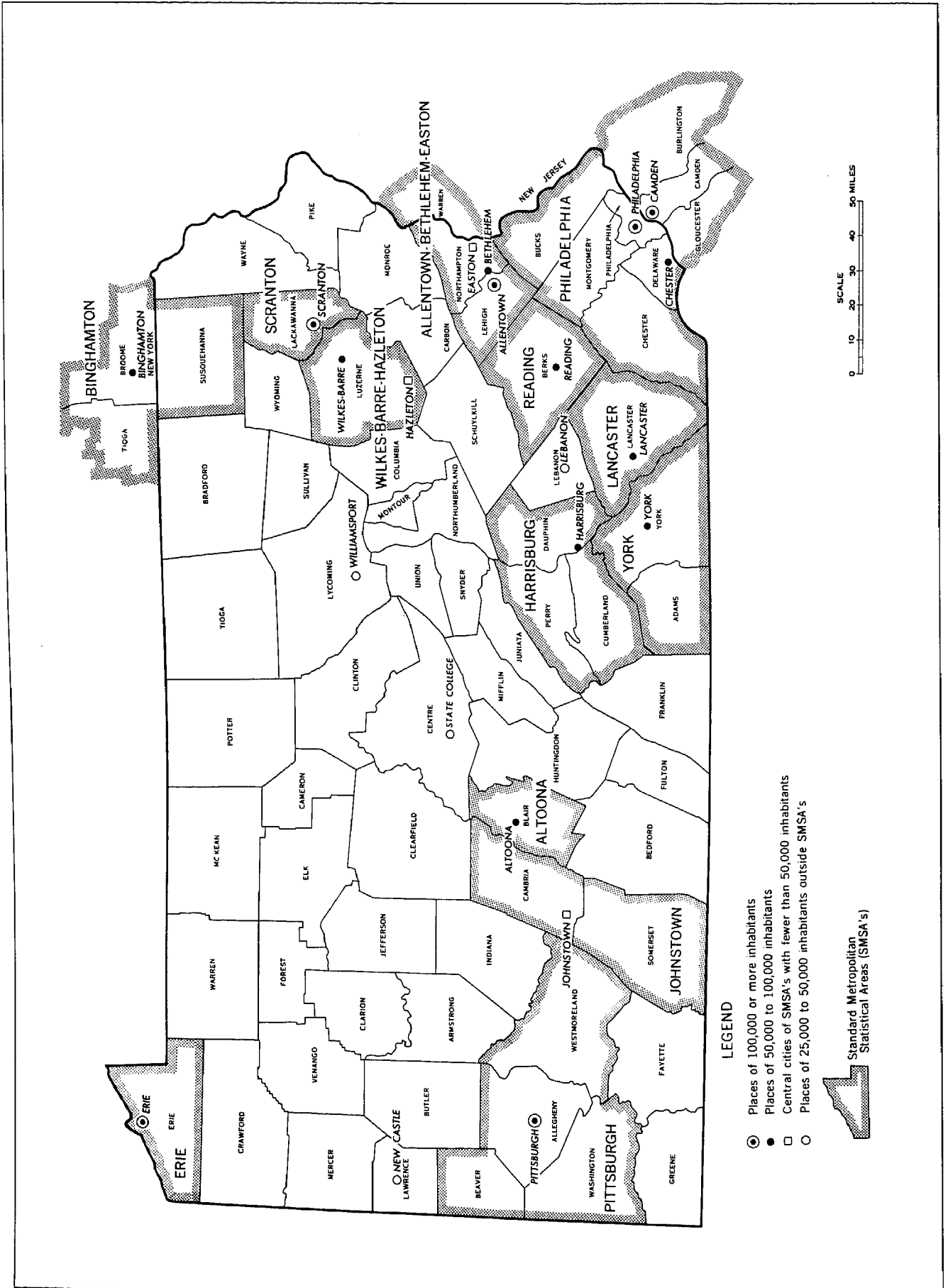


Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied ¹	21 871	1 663	1 216	2 100	2 572	5 055	3 474	2 430	1 475	510	72	1 304	90
ROOMS													
1 room	677	375	89	71	68	30	17	—	6	—	—	21	50—
2 rooms	826	142	151	198	57	145	59	15	5	5	7	42	65
3 rooms	3 242	388	272	547	521	732	343	218	81	37	4	99	77
4 rooms	5 523	531	332	558	800	1 040	746	680	482	129	5	220	88
5 rooms	6 110	166	274	464	697	1 731	1 244	658	412	100	26	338	95
6 rooms	3 692	28	78	188	307	1 022	763	546	337	147	6	270	102
7 rooms	1 153	20	20	39	113	247	217	231	88	67	5	106	108
8 rooms or more	648	13	—	35	9	108	85	82	64	25	19	208	113
Median	4.6	3.3	3.8	3.9	4.3	4.8	5.0	5.0	4.9	5.3	...	5.3	...
PERSONS													
1 person	6 289	1 043	664	932	843	1 169	603	326	210	93	14	392	74
2 persons	5 772	235	236	434	681	1 496	956	697	458	131	37	411	94
3 persons	3 734	136	107	390	421	866	757	533	287	76	11	150	97
4 persons	2 896	110	66	171	275	740	609	440	245	96	—	144	100
5 persons	1 547	77	19	106	165	389	269	207	140	89	6	80	99
6 persons or more	1 633	62	124	67	187	395	280	227	135	25	4	127	96
Median	2.3	1.3	1.4	1.8	2.2	2.4	2.7	2.9	2.7	2.9	...	2.1	...
Units with roomers, boarders, or lodgers	624	26	5	55	79	119	94	106	80	18	10	32	103
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	20 784	1 161	1 069	1 978	2 489	4 966	3 430	2 413	1 464	506	72	1 236	92
0.50 or less	10 947	675	684	1 142	1 304	2 551	1 650	1 132	707	270	44	788	89
0.51 to 1.00	8 522	399	260	731	1 019	2 073	1 562	1 129	703	212	28	406	96
1.01 to 1.50	1 092	81	102	67	131	273	192	132	54	24	—	36	90
1.51 or more	223	6	23	38	35	69	26	20	4	—	—	6	81
Lacking some or all plumbing facilities	1 087	502	147	122	83	89	44	17	11	4	—	43	56
0.50 or less	423	148	70	60	55	32	11	—	—	—	—	21	50—
0.51 to 1.00	610	331	77	57	21	48	33	11	11	—	—	—	...
1.01 to 1.50	28	11	—	5	—	6	—	6	—	—	—	—	...
1.51 or more	26	12	—	—	7	3	—	—	—	—	—	4	...
BEDROOMS													
None	657	359	—	120	62	67	21	—	—	—	—	28	50—
1	5 057	675	462	832	808	1 011	634	268	197	43	—	127	76
2	9 506	579	457	835	1 047	2 258	1 601	1 084	940	206	45	454	94
3 or more	6 647	124	180	355	707	1 484	1 283	933	717	347	—	517	103
YEAR STRUCTURE BUILT													
1969 to March 1970	264	9	6	5	—	20	5	33	67	107	—	12	186
1965 to 1968	829	10	21	8	25	33	46	62	399	122	31	72	172
1960 to 1964	516	11	—	11	20	68	67	138	103	38	5	55	132
1950 to 1959	1 830	54	50	99	248	228	284	436	166	76	6	183	110
1940 to 1949	2 308	641	179	162	194	294	256	248	198	10	8	118	76
1939 or earlier	16 124	938	960	1 815	2 085	4 412	2 816	1 513	542	157	22	864	88
ELEVATOR IN STRUCTURE													
4 floors or more	332	22	—	—	34	21	77	21	40	64	25	28	...
With elevator	179	22	—	—	—	21	—	—	19	64	25	28	...
Walk-up	153	—	—	—	34	—	77	21	21	—	—	—	...
1 to 3 floors	21 535	1 715	1 099	2 142	2 590	4 799	3 462	2 264	1 814	532	20	1 098	91
COMPLETE BATHROOMS													
1 and 1/2	19 924	1 065	997	1 886	2 378	4 975	3 306	2 421	1 295	419	37	1 145	92
2 or more	439	7	21	7	6	27	44	23	84	59	44	117	165
None or also used by another household	1 501	572	229	221	140	135	60	21	15	—	—	108	55
INCOME IN 1969													
Less than \$2,000	4 038	820	374	509	499	716	384	197	152	48	9	330	73
\$2,000 to \$2,999	1 607	230	134	193	238	369	183	98	44	16	5	97	78
\$3,000 to \$3,999	1 667	146	177	222	240	351	188	133	52	26	15	117	80
\$4,000 to \$4,999	1 566	102	91	191	160	467	247	140	42	—	—	121	87
\$5,000 to \$5,999	1 934	92	103	205	256	485	359	233	51	20	—	130	92
\$6,000 to \$6,999	2 014	72	96	205	265	515	361	224	155	45	—	76	92
\$7,000 to \$9,999	4 814	145	177	352	546	1 342	901	714	335	95	7	200	96
\$10,000 to \$14,999	3 291	47	54	196	311	705	698	559	404	124	10	183	107
\$15,000 to \$24,999	812	9	10	27	39	100	149	126	217	93	10	32	133
\$25,000 or more	128	—	—	—	18	5	4	6	23	38	16	18	198
Median	\$6 100	\$2 100	\$3 600	\$4 700	\$5 600	\$6 300	\$7 000	\$7 800	\$9 200	\$10 000	...	\$4 900	...
YEAR MOVED INTO UNIT													
1969 to March 1970	7 867	453	346	539	731	1 898	1 350	1 200	807	278	38	227	99
1968	3 175	165	161	311	340	697	589	458	245	65	14	130	94
1967	2 035	119	144	209	180	473	340	271	123	70	15	91	92
1965 and 1966	2 626	276	95	319	413	588	391	251	96	27	6	164	84
1960 to 1964	3 205	370	273	312	454	813	503	197	62	23	8	188	82
1950 to 1949	1 995	190	136	246	310	474	186	76	61	15	—	301	79
1949 or earlier	961	71	90	178	96	194	51	12	—	—	—	269	71
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	2 352	337	254	395	412	507	273	100	47	27	—	...	75
10 to 14 percent	4 559	228	220	521	721	1 374	829	417	209	30	10	...	88
15 to 19 percent	3 647	212	157	267	348	950	708	565	329	101	10	...	98
20 to 24 percent	2 437	156	117	146	157	626	522	397	241	69	6	...	101
25 to 34 percent	2 572	303	115	206	276	458	404	411	295	99	5	...	97
35 percent or more	4 499	396	356	487	595	1 035	641	490	304	174	41	...	88
Not computed	1 805	31	17	78	63	105	97	50	50	10	—	1 304	90
AIR CONDITIONING													
Room unit(s)	1 286	8	47	135	132	302	171	238	114	17	14	108	97
Central system	460	9	8	7	8	4	35	22	190	128	35	14	184
None	20 118	1 627	1 192	1 972	2 384	4 831	3 204	2 205	1 090	333	32	1 248	89

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

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

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

The SMSA	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	56 717	55 935	29 554	23 258	2 765	358	782	473	220	54	35
PERSONS											
1 person	6 572	6 268	6 253	15	—	—	304	290	14	—	—
2 persons	16 233	16 045	15 744	275	—	26	188	142	46	—	—
3 persons	9 675	9 592	5 904	3 673	4	11	83	27	56	—	—
4 persons	9 471	9 404	1 249	8 105	44	6	67	4	63	—	—
5 persons	6 868	6 815	404	6 186	198	27	53	10	20	14	9
6 persons or more	7 898	7 811	—	5 004	2 519	288	87	—	21	40	26
Median	3.1	3.1	2.0	4.4	6.9	7.5+	2.0	1.3	3.4	...	...
Units with roomers, boarders, or lodgers	1 042	1 017	517	394	73	33	25	5	20	—	—
YEAR STRUCTURE BUILT											
1969 to March 1970	1 165	1 146	458	667	13	8	19	5	14	—	—
1965 to 1968	4 109	4 054	1 582	2 229	215	28	55	11	32	—	12
1960 to 1964	4 486	4 459	1 733	2 247	434	45	27	10	12	—	5
1950 to 1959	13 435	13 346	6 012	6 407	820	107	89	59	17	—	13
1940 to 1949	5 784	5 679	3 132	2 300	221	26	105	60	38	7	—
1939 or earlier	27 738	27 214	16 548	9 485	1 049	132	524	363	115	38	8
INCOME IN 1969											
Less than \$2,000	4 654	4 402	3 999	334	59	10	252	217	35	—	—
\$2,000 to \$2,999	2 578	2 520	2 273	219	22	6	58	44	14	—	—
\$3,000 to \$3,999	2 265	2 198	1 878	271	44	5	67	42	20	—	5
\$4,000 to \$4,999	2 139	2 102	1 681	363	38	20	36	27	3	6	—
\$5,000 to \$5,999	2 808	2 705	1 835	770	84	16	98	59	26	13	—
\$6,000 to \$6,999	3 265	3 216	1 952	1 098	149	17	49	31	13	5	—
\$7,000 to \$9,999	13 718	13 614	5 753	6 935	822	104	104	24	58	13	9
\$10,000 to \$14,999	15 981	15 912	6 166	8 580	1 051	115	69	15	28	11	15
\$15,000 to \$24,999	7 329	7 280	2 997	3 792	438	53	49	14	23	6	6
\$25,000 or more	1 986	1 920	896	58	12	—	—	—	—	—	—
Median	\$9 300	\$9 400	\$7 600	\$11 000	\$10 800	\$10 000	\$4 400	\$2 400	\$6 900	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	44 908	44 503	22 528	19 334	2 355	286	405	223	130	33	19
Less than 1.5	19 484	19 284	7 783	9 850	1 476	175	200	73	89	33	5
1.5 to 1.9	8 983	8 922	3 856	4 556	434	76	61	32	20	—	9
2.0 to 2.4	5 352	5 322	2 669	2 436	203	14	30	9	21	—	—
2.5 to 2.9	2 706	2 686	1 637	1 122	116	11	20	15	—	—	5
3.0 to 3.9	2 750	2 717	1 904	775	28	10	33	33	—	—	—
4.0 or more	5 091	5 039	4 389	564	86	—	52	52	—	—	—
Not computed	342	333	290	31	12	—	9	9	—	—	—
HEATING EQUIPMENT											
Steam or hot water	4 293	4 266	2 405	1 655	178	28	27	17	10	—	—
Warm-air furnace	47 891	47 585	24 770	20 200	2 340	275	306	187	76	33	10
Built-in electric units	822	803	366	381	56	—	19	—	5	—	14
Floor, wall, or pipeless furnace	526	492	291	169	26	6	34	29	5	—	—
Other means	3 179	2 789	1 722	853	165	49	390	240	118	21	11
None	6	—	—	—	—	—	6	—	6	—	—
Renter occupied housing units	22 532	21 342	11 174	8 798	1 143	227	1 190	473	650	41	26
PERSONS											
1 person	6 388	5 574	5 338	236	—	—	814	383	431	—	—
2 persons	5 893	5 697	4 675	1 017	—	5	196	78	107	—	11
3 persons	3 827	3 736	983	2 739	11	3	91	12	63	16	—
4 persons	3 017	2 991	138	2 765	69	19	26	—	26	—	—
5 persons	1 629	1 595	40	1 287	237	31	34	—	23	11	—
6 persons or more	1 778	1 749	—	754	826	169	29	—	—	14	15
Median	2.3	2.4	1.6	3.6	6.2	7.5+	1.2	1.1	1.3	...	...
Units with roomers, boarders, or lodgers	624	595	302	235	44	14	29	12	11	6	—
YEAR STRUCTURE BUILT											
1969 to March 1970	257	257	114	120	23	—	—	—	—	—	—
1965 to 1968	824	818	444	354	13	7	6	—	6	—	—
1960 to 1964	497	476	258	182	26	10	21	6	9	6	—
1950 to 1959	1 997	1 922	960	784	126	52	75	26	49	—	—
1940 to 1949	2 308	2 271	971	995	286	19	37	25	12	—	—
1939 or earlier	16 649	15 528	8 321	6 440	639	128	1 121	436	634	26	25
INCOME IN 1969											
Less than \$2,000	4 111	3 557	2 731	708	96	22	554	268	286	—	—
\$2,000 to \$2,999	1 642	1 476	999	440	33	4	166	71	86	5	4
\$3,000 to \$3,999	1 723	1 633	1 027	466	123	17	90	36	42	5	7
\$4,000 to \$4,999	1 600	1 490	912	501	57	20	110	30	62	11	7
\$5,000 to \$5,999	1 977	1 919	897	865	132	25	58	12	43	—	3
\$6,000 to \$6,999	2 091	1 982	839	1 028	96	19	109	31	78	—	—
\$7,000 to \$9,999	4 981	4 900	1 885	2 586	340	89	81	20	48	8	5
\$10,000 to \$14,999	3 421	3 404	1 420	1 759	202	23	17	5	—	12	—
\$15,000 to \$24,999	848	843	365	391	59	8	5	—	5	—	—
\$25,000 or more	138	138	79	54	5	—	—	—	—	—	—
Median	\$6 100	\$6 300	\$4 900	\$7 500	\$7 300	\$7 200	\$2 200	\$2000-	\$2 500	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	21 871	20 784	10 947	8 522	1 092	223	1 087	423	610	28	28
Less than 10 percent	2 352	2 207	847	1 134	184	42	145	20	109	11	5
10 to 14 percent	4 559	4 477	1 938	2 216	271	52	82	26	50	6	—
15 to 19 percent	3 647	3 548	1 626	1 695	178	49	99	52	40	—	7
20 to 24 percent	2 437	2 331	1 117	1 047	148	19	106	20	70	6	10
25 to 34 percent	2 572	2 418	1 388	851	146	33	154	61	93	—	—
35 percent or more	4 499	4 093	2 956	1 024	100	13	406	184	217	5	—
Not computed	1 805	1 710	1 075	555	65	15	95	60	31	—	4
HEATING EQUIPMENT											
Steam or hot water	2 906	2 766	1 770	832	153	11	140	21	107	5	7
Warm-air furnace	14 362	13 785	6 831	6 102	727	125	577	188	352	25	12
Built-in electric units	342	342	195	129	14	4	—	—	—	—	—
Floor, wall, or pipeless furnace	243	238	120	106	6	6	5	—	5	—	—
Other means	4 667	4 205	2 252	1 629	243	81	462	264	180	11	7
None	12	6	6	—	—	—	6	—	6	—	—

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

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

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	56 717	82	141	858	6 227	14 202	17 980	9 432	7 795	5.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	55 387	51	76	723	5 925	13 960	17 578	9 366	7 708	5.9
PERSONS										
1 person	6 572	29	112	423	1 443	1 894	1 521	681	469	5.2
2 persons	16 233	26	21	300	2 917	4 586	4 859	2 007	1 517	5.6
3 persons	9 675	11	4	38	995	2 696	3 262	1 566	1 103	5.8
4 persons	9 471	6	—	44	521	2 532	3 365	1 750	1 253	6.0
5 persons	6 868	5	—	31	212	1 400	2 563	1 469	1 188	6.2
6 persons or more	7 898	5	4	22	139	1 094	2 410	1 959	2 265	6.6
Median	3.1	...	1.1	1.5	2.1	2.7	3.3	3.8	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	55 935	68	66	736	6 054	14 066	17 859	9 357	7 729	5.9
0.50 or less	29 554	—	52	357	4 274	6 385	9 579	4 207	4 700	5.9
0.51 to 1.00	23 258	15	6	307	1 452	6 604	7 371	4 755	2 748	5.9
1.01 to 1.50	2 765	—	4	44	267	970	867	364	249	5.6
1.51 or more	358	53	4	28	61	107	42	31	32	4.8
Lacking some or all plumbing facilities	782	14	75	122	173	136	121	75	66	4.6
0.50 or less	473	—	60	66	86	95	63	47	56	4.8
0.51 to 1.00	220	14	15	31	64	24	44	18	10	4.3
1.01 to 1.50	54	—	—	—	19	17	8	10	—	...
1.51 or more	35	—	—	25	4	—	6	—	—	...
BEDROOMS										
None and 1	1 833	107	111	656	652	224	61	22	—	3.6
2	14 292	—	—	164	5 481	6 007	2 088	384	1 68	4.7
3	27 427	—	—	—	250	7 515	13 916	4 293	1 453	5.9
4 or more	13 165	—	—	—	—	294	2 382	4 508	5 981	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	1 221	6	—	39	242	329	254	126	225	5.5
1960 to 1968	8 702	23	19	172	1 217	2 872	2 272	1 129	998	5.5
1950 to 1959	13 290	6	50	185	1 986	4 277	4 385	1 535	866	5.5
1949 or earlier	33 504	47	72	462	2 782	6 724	11 069	6 642	5 706	6.1
COMPLETE BATHROOMS										
1 and 1 1/2	49 456	65	68	709	5 778	13 473	16 368	7 847	5 148	5.8
2 or more	6 027	—	8	20	152	512	1 243	1 526	2 566	7.2
None or also used by another household	1 234	12	83	164	249	268	206	117	135	4.9
VALUE-INCOME RATIO										
Specified owner occupied¹	44 908	36	48	351	3 958	10 948	15 222	7 998	6 347	6.0
Less than 1.5	19 484	11	19	95	1 536	4 225	6 852	3 819	2 927	6.1
1.5 to 1.9	8 983	10	6	59	695	2 493	2 988	1 595	1 137	5.5
2.0 to 2.9	8 258	5	19	62	591	2 138	2 939	1 387	1 117	5.9
3.0 or more	7 841	10	4	123	1 087	2 026	2 328	1 146	1 117	5.8
Not computed	342	—	—	12	49	66	115	51	49	5.9
Renter occupied housing units	22 532	696	831	3 295	5 581	6 211	3 854	1 264	800	4.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	20 781	135	549	2 983	5 305	6 190	3 659	1 151	809	4.7
PERSONS										
1 person	6 388	667	629	1 918	1 475	1 134	408	78	79	3.5
2 persons	5 893	16	150	974	1 754	1 772	930	181	116	4.5
3 persons	3 827	3	27	273	1 195	1 334	661	237	97	4.8
4 persons	3 017	—	19	69	743	1 022	783	243	138	5.2
5 persons	1 629	—	—	31	248	520	480	252	98	5.5
6 persons or more	1 778	10	6	30	164	429	592	273	272	5.9
Median	2.3	1.0	1.2	1.4	2.3	2.6	3.4	4.1	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	21 342	254	603	3 089	5 422	6 135	3 809	1 239	791	4.7
0.50 or less	11 174	—	450	1 816	3 132	2 864	1 969	482	461	4.6
0.51 to 1.00	8 798	236	117	1 153	1 898	2 842	1 567	700	285	4.9
1.01 to 1.50	1 143	—	11	69	343	366	258	55	41	4.9
1.51 or more	227	18	25	51	49	63	15	2	4	3.9
Lacking some or all plumbing facilities	1 190	442	228	206	159	76	45	25	9	2.2
0.50 or less	473	—	179	102	97	42	30	14	9	3.1
0.51 to 1.00	650	431	33	94	40	34	15	3	—	1.3
1.01 to 1.50	41	—	16	—	17	—	—	8	—	...
1.51 or more	26	11	—	10	5	—	—	—	—	...
BEDROOMS										
None	685	555	97	33	—	—	—	—	—	1.1
1	5 163	—	675	3 222	859	326	81	—	—	3.1
2	9 619	—	—	135	4 647	3 986	694	137	20	4.5
3 or more	7 065	—	—	—	144	1 675	3 107	1 366	773	6.1
YEAR STRUCTURE BUILT										
1969 to March 1970	264	4	5	22	107	81	33	7	5	4.4
1960 to 1968	1 355	12	50	166	696	236	111	49	35	4.1
1950 to 1959	1 898	59	50	271	750	401	298	59	10	4.3
1949 or earlier	19 015	621	726	2 836	4 028	5 493	3 412	1 149	750	4.7
COMPLETE BATHROOMS										
1 and 1 1/2	20 424	200	548	3 002	5 284	6 070	3 575	1 048	697	4.7
2 or more	493	14	7	—	34	120	84	110	124	6.4
None or also used by another household	1 615	534	283	265	225	148	119	41	—	2.5
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	21 871	677	826	3 242	5 523	6 110	3 692	1 153	648	4.6
Less than 10 percent	2 352	136	61	317	575	688	391	145	39	4.6
10 to 14 percent	4 559	79	151	518	1 272	1 450	776	228	85	4.7
15 to 19 percent	3 647	39	105	440	839	1 104	749	269	102	4.9
20 to 24 percent	2 437	57	58	296	706	781	403	98	38	4.6
25 to 34 percent	2 572	83	57	548	647	561	451	118	67	4.4
35 percent or more	4 499	248	290	932	1 125	1 074	581	159	90	4.2
Not computed	1 805	35	64	191	359	452	341	136	227	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 A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	56 717	49 418	5 084	2 215	22 532	6 828	7 649	3 905	2 557	789	395	409
ROOMS												
1 room	82	50	15	17	696	102	20	69	217	239	45	4
2 rooms	141	67	27	47	831	104	45	238	260	91	63	30
3 rooms	858	434	187	237	3 295	338	632	1 247	621	196	148	113
4 rooms	6 227	4 263	789	1 175	5 581	1 402	1 636	1 224	896	150	81	192
5 rooms	14 202	11 655	2 020	527	6 211	1 583	3 301	714	431	96	53	33
6 rooms	17 980	16 407	1 373	200	3 854	1 730	1 653	308	108	13	5	37
7 rooms	9 432	8 983	441	8	1 264	879	294	67	24	-	-	-
8 rooms or more	7 795	7 559	232	4	800	690	68	38	-	4	-	-
Median	5.9	6.0	5.3	4.2	4.6	5.4	5.0	3.8	3.7	2.8	3.1	3.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	55 935	48 805	5 010	2 120	21 342	6 608	7 512	3 679	2 218	575	354	394
0.50 or less	29 554	24 941	3 431	1 182	11 174	3 055	3 981	2 090	1 206	384	263	195
0.51 to 1.00	23 258	21 025	1 426	807	8 798	3 010	3 198	1 374	780	181	89	166
1.01 to 1.50	2 765	2 526	124	115	1 143	466	290	155	196	4	4	28
1.51 or more	358	313	29	16	227	77	43	60	36	6	-	5
Lacking some or all plumbing facilities	782	613	74	95	1 190	220	137	226	339	214	39	15
0.50 or less	473	364	65	44	473	119	63	129	113	30	9	10
0.51 to 1.00	220	176	5	39	650	73	59	86	220	177	30	5
1.01 to 1.50	54	54	-	-	41	24	-	11	6	-	-	-
1.51 or more	35	19	4	12	26	4	15	-	-	7	-	-
BEDROOMS												
None	107	63	44	-	685	130	-	21	187	236	111	-
1	1 726	881	574	271	5 163	2 710	1 014	1 734	1 049	387	221	48
2	14 292	9 888	2 622	1 782	9 619	2 316	4 307	1 387	965	176	214	254
3	27 427	25 344	1 804	279	5 306	2 420	1 975	598	204	66	-	43
4 or more	13 165	12 679	385	101	1 759	1 342	242	55	100	20	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	1 221	778	7	436	264	71	37	30	46	37	-	43
1965 to 1968	4 169	3 288	51	830	832	153	58	146	190	18	132	135
1960 to 1964	4 533	4 049	43	441	523	266	102	41	11	34	4	65
1950 to 1959	13 290	12 833	159	298	1 898	1 059	197	88	326	136	-	92
1940 to 1949	5 811	5 615	155	41	2 371	1 047	254	349	610	47	39	25
1939 or earlier	27 693	22 855	4 669	169	16 644	4 232	7 001	3 251	1 374	517	220	49
INCOME IN 1969												
Less than \$2,000	4 654	3 584	779	291	4 111	835	1 243	919	644	335	58	77
\$2,000 to \$2,999	2 578	1 917	522	139	1 642	387	461	347	290	106	23	26
\$3,000 to \$3,999	2 265	1 730	376	159	1 723	468	565	353	231	44	39	23
\$4,000 to \$4,999	2 138	1 715	308	115	1 600	411	593	323	194	22	29	28
\$5,000 to \$5,999	2 803	2 343	228	232	1 977	560	699	399	170	48	41	60
\$6,000 to \$6,999	3 265	2 705	373	187	2 091	626	750	335	237	68	27	48
\$7,000 to \$9,999	13 718	11 990	1 137	591	4 981	1 741	1 882	687	437	106	54	74
\$10,000 to \$14,999	15 981	14 644	956	381	3 421	1 361	1 253	409	229	33	69	67
\$15,000 to \$24,999	7 329	6 893	339	97	848	382	191	110	112	22	27	4
\$25,000 or more	1 986	1 897	66	23	138	57	12	23	13	5	28	-
Median	\$9 300	\$9 700	\$6 900	\$6 900	\$6 100	\$7 200	\$6 400	\$5 000	\$4 600	\$2 600	\$6 300	\$5 600
YEAR MOVED INTO UNIT												
1969 to March 1970	4 789	3 695	376	718	8 054	2 183	2 619	1 456	1 057	342	113	284
1968	3 587	3 111	136	340	3 250	998	1 152	570	338	131	47	14
1967	3 392	2 846	237	309	2 131	658	779	268	248	37	100	41
1965 and 1966	5 450	4 806	361	283	2 706	876	834	469	314	100	60	53
1960 to 1964	9 495	8 569	650	276	3 270	1 010	1 087	660	356	112	31	14
1950 to 1959	15 473	14 458	880	135	1 969	667	681	338	207	54	-	22
1949 or earlier	14 531	12 092	2 381	58	1 152	444	477	138	61	8	16	8
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	21 871	6 167	7 649	3 905	2 557	789	395	409
Less than \$50	...	...	...	...	1 663	372	186	380	511	165	20	29
\$50 to \$59	...	...	...	...	1 216	159	402	352	204	68	15	16
\$60 to \$69	...	...	...	...	2 100	341	770	642	250	48	49	-
\$70 to \$79	...	...	...	...	2 572	526	984	590	331	86	24	31
\$80 to \$99	...	...	...	...	5 055	1 167	2 373	869	385	118	47	96
\$100 to \$119	...	...	...	...	3 474	1 011	1 463	484	311	97	34	74
\$120 to \$149	...	...	...	...	2 430	913	743	268	256	117	52	81
\$150 to \$199	...	...	...	...	1 475	644	320	185	238	52	31	5
\$200 to \$299	...	...	...	...	510	233	80	53	44	22	78	-
\$300 or more	...	...	...	...	72	37	-	-	-	-	35	-
No cash rent	...	...	...	...	1 304	764	328	82	27	16	10	77
Median	...	...	...	...	\$90	\$103	\$91	\$79	\$79	\$83	\$122	\$99
HEATING EQUIPMENT												
Steam or hot water	4 293	3 805	469	19	2 906	450	360	636	916	376	168	-
Warm-air furnace	47 891	42 196	3 988	1 707	14 362	4 842	5 285	2 236	1 250	313	150	286
Built-in electric units	822	757	23	42	342	92	46	61	65	32	42	4
Floor, wall, or pipeless furnace	526	418	52	56	243	86	92	42	23	-	-	-
Other means	3 179	2 242	552	385	4 667	1 358	1 854	930	303	68	35	119
None	6	-	-	6	12	-	12	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	4 358	3 707	495	156	1 313	402	602	160	49	71	14	15
Central system	1 005	899	54	52	460	90	17	55	161	9	119	9
None	51 354	44 971	4 472	1 911	20 759	6 344	7 010	3 684	2 371	704	234	412
AUTOMOBILES AVAILABLE												
1	29 706	25 431	2 818	1 457	12 661	4 028	4 533	2 036	1 263	322	188	291
2	18 343	16 924	978	441	3 304	1 408	1 062	447	231	44	63	49
3 or more	3 754	3 553	171	30	465	280	113	19	31	14	-	8
None	4 914	3 669	1 054	191	6 102	1 120	1 921	1 397	1 056	404	116	88

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

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

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

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	56 717	1 151	7 129	9 913	20 122	5 723	1 727	521	2 621	1 238	2 802	3 770
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	55 935	1 137	7 086	9 854	19 981	5 622	1 700	499	2 569	1 219	2 654	3 614
0.50 or less	29 554	545	1 440	1 490	11 001	4 894	966	412	1 513	1 040	2 644	3 609
0.51 to 1.00	23 258	565	5 014	7 017	8 136	704	625	78	939	165	10	5
1.01 to 1.50	2 765	23	584	1 200	742	9	82	9	92	14	-	-
1.51 or more	358	4	48	147	102	5	27	-	25	-	-	-
Lacking some or all plumbing facilities	782	14	43	59	141	101	27	22	52	19	148	156
0.50 or less	473	-	5	9	60	50	19	11	15	14	134	156
0.51 to 1.00	220	8	14	29	59	41	8	11	31	5	14	-
1.01 to 1.50	54	6	15	16	11	6	-	-	-	-	-	-
1.51 or more	35	-	9	5	11	4	-	-	6	-	-	-
UNITS IN STRUCTURE												
1	49 418	744	6 195	9 427	18 425	4 803	1 446	467	2 114	973	2 060	2 764
2 or more	5 084	97	413	313	1 399	727	215	49	355	241	423	852
Mobile home or trailer	2 215	310	521	173	298	193	66	5	152	24	319	154
INCOME IN 1969												
Less than \$2,000	4 654	24	59	62	227	556	55	111	314	249	614	2 383
\$2,000 to \$2,999	2 578	36	29	34	249	919	20	49	151	139	251	701
\$3,000 to \$3,999	2 265	28	37	36	278	891	24	51	217	121	320	262
\$4,000 to \$4,999	2 138	81	61	120	381	694	89	24	199	45	304	140
\$5,000 to \$5,999	2 803	79	216	231	842	464	124	53	272	114	358	50
\$6,000 to \$6,999	3 265	117	481	311	1 088	431	114	43	243	111	277	49
\$7,000 to \$9,999	13 718	421	2 964	2 611	4 989	764	519	77	638	227	395	113
\$10,000 to \$14,999	15 981	323	2 461	4 282	6 970	557	490	51	435	151	203	58
\$15,000 to \$24,999	7 329	42	740	1 724	3 968	296	256	44	130	74	55	-
\$25,000 or more	1 986	-	81	502	1 130	151	36	18	22	7	25	14
Median	\$9 300	\$8 500	\$9 700	\$11 800	\$11 400	\$4 700	\$9 500	\$5 500	\$6 600	\$5 600	\$4 700	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	44 908	684	5 826	8 720	16 479	4 251	1 285	393	1 949	936	1 888	2 497
Less than 1.5	19 484	307	2 441	4 441	9 065	925	704	144	680	281	409	87
1.5 to 1.9	8 983	179	1 666	2 049	3 483	572	188	57	369	102	244	74
2.0 to 2.4	5 352	110	872	1 131	1 819	634	191	20	234	78	160	103
2.5 to 2.9	2 906	28	414	572	822	395	82	36	143	106	172	136
3.0 to 3.9	2 750	36	283	320	700	588	50	27	117	63	269	297
4.0 or more	5 091	24	138	199	545	1 111	63	98	368	286	545	1 714
Not computed	342	-	12	8	45	26	7	11	38	20	89	86
Renter occupied housing units	22 532	2 397	4 150	1 795	2 786	927	869	137	2 776	307	3 788	2 600
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	21 342	2 379	4 099	1 772	2 710	884	815	137	2 682	290	3 321	2 253
0.50 or less	11 174	844	1 045	260	1 262	661	368	90	1 087	219	3 150	2 188
0.51 to 1.00	8 798	1 472	2 657	1 133	1 296	212	383	47	1 313	49	171	65
1.01 to 1.50	1 143	46	355	315	121	11	53	-	220	22	-	-
1.51 or more	227	17	42	64	31	-	11	-	62	-	-	-
Lacking some or all plumbing facilities	1 190	18	51	23	76	43	54	-	94	17	467	347
0.50 or less	473	-	-	-	19	26	15	-	18	12	209	174
0.51 to 1.00	650	10	46	23	32	17	29	-	57	5	258	173
1.01 to 1.50	41	5	-	-	25	-	6	-	5	-	-	-
1.51 or more	26	3	5	-	-	-	4	-	14	-	-	-
UNITS IN STRUCTURE												
1	6 828	585	1 434	892	1 320	327	321	71	756	68	680	374
2 to 4	11 554	1 504	2 213	763	1 189	444	396	45	1 498	212	1 865	1 425
5 to 19	3 346	224	393	117	195	123	120	21	447	27	1 032	647
20 or more	395	16	26	9	50	12	6	-	28	-	140	108
Mobile home or trailer	409	68	84	14	32	21	26	-	47	-	71	46
GROSS RENT												
Specified renter occupied ²	21 871	2 330	3 986	1 683	2 674	876	846	137	2 748	302	3 728	2 561
Less than \$50	1 663	64	78	51	77	63	25	12	221	29	492	551
\$50 to \$59	1 216	55	77	53	76	51	49	-	153	38	372	292
\$60 to \$69	2 100	197	246	142	218	63	43	30	220	9	556	376
\$70 to \$79	2 572	304	333	152	331	117	71	12	373	36	547	296
\$80 to \$99	5 055	632	978	390	682	182	223	25	706	68	758	411
\$100 to \$119	3 474	515	891	349	415	121	89	15	450	26	388	215
\$120 to \$149	2 430	365	624	209	254	90	173	-	353	36	233	93
\$150 to \$199	1 475	131	508	129	206	69	92	15	110	5	139	71
\$200 to \$299	510	16	116	47	125	21	20	-	59	13	64	29
\$300 or more	72	-	6	4	33	-	-	-	15	-	9	5
No cash rent	1 304	51	129	157	257	99	61	28	88	42	170	222
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	21 871	2 330	3 986	1 683	2 674	876	846	137	2 748	302	3 728	2 561
Less than \$5,000	8 878	496	330	199	360	544	358	90	1 783	177	2 183	2 358
Less than 20 percent	847	35	47	17	48	54	5	16	175	14	315	121
20 to 24 percent	881	88	35	53	57	80	37	-	195	16	234	86
25 to 34 percent	1 661	126	86	55	85	143	61	9	297	44	403	352
35 percent or more	4 323	210	135	41	109	189	194	41	899	71	930	1 504
Not computed	1 166	37	27	33	61	78	61	24	217	32	301	295
\$5,000 to \$9,999	8 762	1 441	2 256	849	1 290	214	372	37	767	103	1 273	1 600
Less than 20 percent	5 906	1 003	1 560	586	906	76	210	27	413	58	989	78
20 to 24 percent	1 401	288	364	101	145	52	83	5	198	10	129	24
25 to 34 percent	878	132	233	81	73	47	41	-	113	17	113	28
35 percent or more	171	11	29	7	40	14	5	-	24	6	11	24
Not computed	406	7	70	74	126	25	33	5	19	10	31	32
\$10,000 to \$14,999	3 291	364	1 110	489	761	78	96	10	157	18	176	52
Less than 20 percent	2 921	343	1 037	395	645	57	80	5	148	18	161	32
20 to 24 percent	149	10	45	27	31	10	11	-	-	-	15	-
25 percent or more	38	-	4	5	20	-	-	-	9	-	-	-
Not computed	183	11	24	62	65	11	5	5	-	-	-	-
\$15,000 or more	940	29	290	146	263	40	20	-	41	4	96	11
Less than 20 percent	884	29	270	138	245	40	20	-	31	4	96	11
20 to 24 percent	6	-	6	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	50	-	14	8	18	-	-	-	10	-	-	-

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

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

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	56 717	6 572	16 233	9 675	9 471	6 868	4 105	2 407	1 386	3.1
BEDROOMS										
None and 1	1 833	833	822	73	67	17	21	-	-	1.6
2	14 292	2 987	6 629	2 554	1 287	538	239	56	-	2.1
3	27 427	1 681	6 645	5 367	6 334	3 877	2 391	820	312	3.5
4 or more	13 165	952	2 332	1 844	1 735	2 328	1 769	1 070	1 135	4.3
YEAR STRUCTURE BUILT										
1969 to March 1970	1 221	72	269	258	316	177	74	45	10	3.5
1965 to 1968	4 149	194	969	678	1 019	708	368	187	46	3.7
1960 to 1964	4 533	297	1 075	780	827	719	511	221	103	3.6
1950 to 1959	13 290	1 110	3 535	2 422	2 613	1 682	1 044	613	271	3.3
1940 to 1949	5 811	734	1 804	1 059	995	588	352	203	74	2.8
1939 or earlier	27 693	4 165	8 579	4 478	3 701	2 994	1 756	1 138	882	2.7
UNITS IN STRUCTURE										
1	49 418	4 824	13 602	8 341	8 650	6 459	3 897	2 321	1 324	3.3
2 or more	5 084	1 275	1 823	910	534	279	153	69	41	2.2
Mobile home or trailer	2 215	473	808	424	287	130	55	17	21	2.3
COMPLETE BATHROOMS										
1 and 1/2	49 456	5 929	14 674	8 315	8 171	6 076	3 151	2 081	1 059	3.0
2 and 2 1/2	5 417	221	1 029	1 072	1 104	736	689	368	198	3.9
3 or more	610	41	137	109	118	44	62	45	54	3.7
None or also used by another household	1 234	396	350	158	118	66	77	38	31	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	50 145	...	16 233	9 675	9 471	6 868	4 105	2 407	1 386	3.4
Male head, wife present, no nonrelatives	44 038	...	13 174	8 379	8 706	6 347	3 848	2 287	1 297	3.6
Under 25 years	1 551	...	357	430	261	75	14	4	10	3.0
25 to 34 years	7 129	...	640	1 092	2 260	1 736	845	400	156	4.3
35 to 44 years	9 913	...	526	982	2 216	2 536	1 805	1 182	666	5.0
45 to 64 years	20 122	...	7 172	5 020	3 732	1 940	1 128	680	450	3.1
65 years and over	5 723	...	4 479	855	237	60	56	21	15	2.1
Other male head	2 248	...	1 087	418	297	214	130	52	50	2.6
Under 65 years	1 727	...	703	355	269	187	120	43	50	3.0
65 years and over	521	...	384	63	28	27	10	9	-	2.2
Female head	3 859	...	1 972	878	468	307	127	68	39	2.5
Under 65 years	2 621	...	1 129	609	391	283	117	62	30	2.8
65 years and over	1 238	...	843	269	77	24	10	6	9	2.2
One-person households	6 572	6 572	...	...	...	...	...	...	...	1.6
VALUE-INCOME RATIO										
Specified owner occupied ¹	44 908	4 385	12 228	7 607	7 991	5 891	3 562	2 046	1 198	3.3
Less than 1.5	19 484	496	4 191	3 146	3 876	3 023	1 908	1 165	879	3.8
1.5 to 1.9	8 983	318	2 230	1 699	2 051	1 347	812	361	165	3.6
2.0 to 2.4	5 352	263	1 702	862	1 008	789	385	266	77	3.3
2.5 to 2.9	2 906	308	1 036	398	481	324	190	124	45	2.8
3.0 to 3.9	2 750	566	1 070	339	313	250	162	44	6	2.3
4.0 or more	5 091	2 259	1 902	336	254	141	99	74	26	1.7
Not computed	342	175	97	27	8	17	6	12	-	1.5
Renter occupied housing units	22 532	6 388	5 893	3 827	3 017	1 629	965	431	382	2.3
BEDROOMS										
None	685	665	20	-	-	-	-	-	-	1.0
1	5 163	3 163	1 354	352	202	58	34	-	-	1.3
2	9 619	2 297	2 954	2 131	1 401	507	253	30	46	2.4
3 or more	7 065	384	1 374	1 181	1 465	1 176	594	428	463	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	264	56	60	57	51	18	17	5	-	2.6
1965 to 1968	832	159	297	189	118	40	17	7	5	2.4
1960 to 1964	523	152	143	76	83	34	20	9	6	2.3
1950 to 1959	1 898	492	494	337	282	134	98	38	21	2.4
1940 to 1949	2 371	611	467	400	370	219	180	65	59	2.8
1939 or earlier	16 644	4 918	4 430	2 768	2 113	1 184	633	307	291	2.3
UNITS IN STRUCTURE										
1	6 828	1 054	1 658	1 212	1 245	698	509	229	223	3.1
2	7 649	1 717	2 210	1 555	1 131	555	269	106	106	2.5
3 and 4	3 905	1 573	1 009	590	371	225	54	50	33	1.9
5 to 9	2 557	1 102	651	300	197	143	114	35	15	1.8
10 to 19	789	577	110	55	33	8	6	6	-	1.2
20 or more	395	248	109	34	4	-	-	-	-	1.3
Mobile home or trailer	409	117	146	81	36	-	19	5	5	2.1
COMPLETE BATHROOMS										
1 and 1/2	20 424	5 259	5 494	3 608	2 891	1 478	949	414	331	2.4
2 or more	493	76	166	66	62	39	31	11	42	2.6
None or also used by another household	1 615	1 041	266	164	43	59	42	-	-	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	16 144	...	5 893	3 827	3 017	1 629	965	431	382	3.1
Male head, wife present, no nonrelatives	12 055	...	4 054	2 881	2 464	1 242	784	325	305	3.2
Under 25 years	2 397	...	990	903	396	68	23	12	5	2.7
25 to 34 years	4 150	...	939	1 042	1 136	518	334	114	67	3.6
35 to 44 years	1 795	...	188	224	443	377	263	142	158	4.6
45 to 64 years	2 786	...	1 188	607	463	249	152	52	75	2.8
65 years and over	927	...	749	105	26	30	12	5	-	2.1
Other male head	1 006	...	508	258	114	59	35	20	12	2.5
Under 65 years	869	...	404	230	109	59	35	20	12	2.6
65 years and over	137	...	104	28	5	-	-	-	-	2.2
Female head	3 083	...	1 331	688	439	328	146	86	65	2.8
Under 65 years	2 776	...	1 079	668	434	315	132	86	62	3.0
65 years and over	307	...	252	20	5	13	14	-	3	2.1
One-person households	6 388	6 388	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	21 871	6 289	5 772	3 734	2 896	1 547	903	393	337	2.3
Less than 10 percent	2 352	364	683	480	374	196	127	60	68	2.8
10 to 14 percent	4 559	778	1 243	962	828	374	219	91	64	2.8
15 to 19 percent	3 647	661	1 029	758	506	316	232	66	79	2.7
20 to 24 percent	2 437	488	697	484	388	203	80	64	33	2.6
25 to 34 percent	2 572	896	670	369	290	145	100	46	56	2.1
35 percent or more	4 499	2 469	962	474	302	197	58	30	7	2.1
Not computed	1 805	633	488	207	208	116	87	36	30	1.4

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

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

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	513	143	134	236	Vacant for rent	1 342	753	337	252
ROOMS					ROOMS				
1 to 3 rooms	25	5	5	15	1 room	170	154	5	11
4 rooms	66	10	17	39	2 rooms	59	51	-	8
5 rooms	146	33	34	79	3 rooms	204	121	54	29
6 rooms	110	40	40	30	4 rooms	266	151	54	61
7 rooms or more	166	55	38	73	5 rooms	346	159	131	56
					6 rooms	174	79	56	39
					7 rooms or more	123	38	37	48
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	489	138	132	219	With all plumbing facilities	1 220	675	314	231
Lacking some or all plumbing facilities	24	5	2	17	Lacking some or all plumbing facilities	122	78	23	21
BEDROOMS					BEDROOMS				
None and 1	36	-	-	36	None	169	154	-	15
2	185	14	105	66	1	473	298	123	52
3	128	59	18	51	2	401	214	143	44
4 or more	162	36	65	61	3 or more	305	108	117	80
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	75	48	7	20	1969 to March 1970	56	29	22	5
1960 to 1968	41	7	14	20	1960 to 1968	75	48	-	27
1950 to 1959	79	17	9	53	1950 to 1959	109	76	11	22
1949 or earlier	318	71	104	143	1949 or earlier	1 102	600	304	198
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	451	138	107	206	1	357	120	103	134
2 or more	62	5	27	30	2 to 4	599	340	189	70
					5 to 9	199	121	40	38
					10 to 19	177	162	5	10
					20 or more	10	10	-	-
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	25	12	7	6	Specified vacant for rent²	1 319	753	328	238
Warm-air furnace	400	108	120	172	Less than \$50	204	111	51	42
Built-in electric units	8	4	-	4	\$50 to \$59	211	74	85	52
Floor, wall, or pipeless furnace	3	-	-	3	\$60 to \$79	332	200	68	64
Other means	73	19	7	47	\$80 to \$99	160	92	37	31
None	4	-	-	4	\$100 to \$119	120	83	13	24
					\$120 to \$149	98	57	29	12
					\$150 to \$199	95	51	31	13
					\$200 or more	99	85	14	-
SALES PRICE ASKED					Median rent asked	\$75	\$79	\$68	\$68
Specified vacant for sale¹	399	129	97	173					
Less than \$5,000	43	9	5	29					
\$5,000 to \$9,999	64	16	14	34					
\$10,000 to \$14,999	114	29	44	41					
\$15,000 to \$19,999	35	14	9	12					
\$20,000 to \$24,999	54	15	20	19					
\$25,000 to \$34,999	59	27	5	27					
\$35,000 to \$49,999	26	19	-	7					
\$50,000 or more	4	-	-	4					
Median price asked	\$14 100	\$18 800	...	\$12 900					

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	399	107	114	35	54	59	30	1 319	415	332	160	218	95	99
PLUMBING FACILITIES														
With all plumbing facilities	357	134	149	-	25	14	35	1 223	349	244	204	191	137	98
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	101	64	12	12	13	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	642	183	123	150	100	25	61
2	105	56	35	-	-	14	-	401	160	108	42	36	42	13
3	114	43	36	-	-	-	35	161	70	13	-	32	46	-
4 or more	138	35	78	-	25	-	-	120	-	12	24	36	24	24
YEAR STRUCTURE BUILT														
1969 to March 1970	73	8	-	11	11	36	7	56	-	9	-	4	33	10
1960 to 1968	38	4	6	4	13	8	3	75	4	-	7	20	15	29
1950 to 1959	65	18	13	8	9	10	7	109	17	28	9	47	5	3
1949 or earlier	223	77	95	12	21	5	13	1 079	394	295	144	147	42	57
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	334	107	65	49	67	22	24
2 to 4 .....	...	...	...	...	...	...	...	599	193	210	67	94	32	3
5 to 19 .....	...	...	...	...	...	...	...	376	115	57	37	57	41	69
20 or more .....	...	...	...	...	...	...	...	10	-	-	7	-	-	3
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	436	132	92	78	94	28	12
Some or no utilities included .....	...	...	...	...	...	...	...	883	283	240	82	124	67	87

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

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

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

Table with 12 columns: Erie, 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). Rows include Specified owner occupied, ROOMS, PERSONS, PLUMBING FACILITIES BY PERSONS PER ROOM, BEDROOMS, YEAR STRUCTURE BUILT, COMPLETE BATHROOMS, HOUSEHOLD COMPOSITION, INCOME IN 1969, YEAR MOVED INTO UNIT, HEATING EQUIPMENT, and AIR CONDITIONING.

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

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

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

Erie	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	15 627	1 351	943	1 615	2 081	3 731	2 493	1 743	824	263	17	566	88
ROOMS													
1 room	526	313	60	60	65	6	11	—	6	—	—	5	50—
2 rooms	617	111	102	161	45	101	49	15	5	—	7	21	65
3 rooms	2 310	304	198	445	407	467	212	172	43	27	—	35	75
4 rooms	3 780	459	262	414	651	703	478	455	211	56	5	86	82
5 rooms	4 667	142	243	364	564	1 377	997	468	250	62	5	195	93
6 rooms	2 665	16	58	132	266	831	540	431	247	56	—	88	100
7 rooms	720	6	20	20	79	175	141	149	36	48	—	46	105
8 rooms or more	342	—	—	19	4	71	65	53	26	14	—	90	110
Median	4.6	3.3	3.9	3.8	4.3	4.9	5.0	5.0	5.1	5.3	...	5.2	...
PERSONS													
1 person	4 882	849	514	746	677	929	490	266	153	56	5	197	73
2 persons	4 075	180	194	335	559	1 113	703	483	263	74	7	164	92
3 persons	2 551	121	49	284	331	628	471	383	152	34	5	93	94
4 persons	1 926	110	53	132	222	502	441	304	86	35	—	41	97
5 persons	1 083	56	19	74	129	293	179	150	86	53	—	44	96
6 persons or more	1 110	35	114	44	163	266	209	157	84	11	—	27	95
Median	2.2	1.3	1.4	1.7	2.2	2.3	2.6	2.8	2.5	2.5	...	2.0	...
Units with roomers, boarders, or lodgers	442	6	5	39	71	99	52	84	53	18	—	15	99
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	14 813	932	827	1 520	2 024	3 664	2 465	1 732	818	259	17	555	89
0.50 or less	8 089	530	548	894	1 045	2 027	1 256	830	441	143	5	370	88
0.51 to 1.00	5 786	340	164	559	831	1 417	1 052	800	339	105	12	167	93
1.01 to 1.50	809	62	102	39	32	188	147	88	38	11	—	18	88
1.51 or more	129	—	13	28	32	—	10	14	—	—	—	—	77
Lacking some or all plumbing facilities	814	419	116	95	57	67	28	11	6	4	—	11	50
0.50 or less	318	126	56	47	36	27	11	—	—	4	—	11	55
0.51 to 1.00	469	275	60	48	21	37	17	5	6	—	—	—	50—
1.01 to 1.50	17	11	—	—	—	—	—	6	—	—	—	—	...
1.51 or more	10	7	—	—	—	3	—	—	—	—	—	—	...
BEDROOMS													
None	499	253	—	96	62	67	21	—	—	—	—	—	50
1	3 650	518	351	650	626	666	432	222	99	19	—	67	74
2	6 871	487	326	605	820	1 729	1 261	758	515	85	—	285	92
3 or more	4 544	79	180	264	542	1 047	882	557	412	256	—	325	100
YEAR STRUCTURE BUILT													
1969 to March 1970	87	—	—	5	—	—	—	3	50	29	—	—	...
1965 to 1968	271	—	10	3	8	29	16	10	123	62	10	—	174
1960 to 1964	198	—	6	10	17	11	71	65	—	—	—	18	139
1950 to 1959	1 162	33	40	69	213	84	158	358	92	61	—	54	115
1940 to 1949	1 749	621	174	120	141	144	150	217	141	5	—	36	65
1939 or earlier	12 160	697	719	1 412	1 709	3 457	2 158	1 084	353	106	7	458	87
ELEVATOR IN STRUCTURE													
4 floors or more	255	22	—	—	34	21	77	21	40	40	—	—	...
With elevator	102	22	—	—	—	21	—	—	19	40	—	—	...
Walk-up	153	—	—	—	34	—	77	21	21	—	—	—	...
1 to 3 floors	15 309	1 315	857	1 615	2 016	3 488	2 519	1 516	986	320	—	677	88
COMPLETE BATHROOMS													
1 and 1 1/2	14 241	862	773	1 453	1 954	3 658	2 371	1 768	737	168	15	482	90
2 or more	226	7	21	7	6	20	9	17	46	53	7	33	160
None or also used by another household	1 152	493	170	183	113	109	29	14	9	—	—	32	54
INCOME IN 1969													
less than \$2,000	3 072	652	278	417	423	551	297	161	93	32	5	163	73
\$2,000 to \$2,999	1 270	205	113	162	196	304	120	95	31	10	—	34	77
\$3,000 to \$3,999	1 297	126	145	190	217	244	170	96	38	15	—	56	77
\$4,000 to \$4,999	1 089	83	71	119	135	349	172	94	20	5	—	41	86
\$5,000 to \$5,999	1 359	78	89	120	192	378	236	164	22	15	—	65	90
\$6,000 to \$6,999	1 415	38	64	160	213	370	262	169	85	15	—	39	91
\$7,000 to \$9,999	3 374	134	131	298	424	959	644	474	187	36	5	49	93
\$10,000 to \$14,999	2 157	30	42	133	240	509	482	391	210	66	7	89	104
\$15,000 to \$24,999	539	5	10	16	29	62	110	93	128	58	—	28	128
\$25,000 or more	55	—	—	—	12	5	—	6	10	11	—	11	...
Median	\$5 800	\$2 100	\$3 600	\$4 300	\$5 400	\$6 100	\$7 000	\$7 600	\$9 000	\$10 300	...	\$4 700	...
YEAR MOVED INTO UNIT													
1969 to March 1970	5 231	385	245	406	581	1 311	890	814	416	106	7	70	95
1968	2 273	155	114	207	276	506	463	318	132	30	—	72	91
1967	1 524	113	95	178	161	355	223	234	88	48	7	22	91
1965 and 1966	1 896	227	76	256	311	421	271	200	62	7	—	65	82
1960 to 1964	2 469	298	231	243	384	646	366	167	45	15	8	66	81
1950 to 1959	1 533	142	136	188	271	406	159	60	49	15	—	107	79
1949 or earlier	693	42	67	165	89	142	37	6	—	—	—	145	70
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 735	260	196	304	310	357	192	76	29	11	—	...	73
10 to 14 percent	3 281	184	168	370	587	999	580	259	129	5	—	...	86
15 to 19 percent	2 593	198	116	184	246	681	505	404	185	74	—	...	96
20 to 24 percent	1 749	143	104	117	133	473	355	281	107	36	—	...	96
25 to 34 percent	1 872	219	97	187	265	317	300	289	160	38	—	...	91
35 percent or more	3 421	325	257	386	477	807	493	384	181	94	17	...	86
Not computed	976	22	5	67	63	97	68	50	33	5	—	566	88
AIR CONDITIONING													
Room unit(s)	993	8	47	108	126	250	138	187	76	9	—	44	93
Central system	211	9	8	7	8	4	11	7	62	67	14	14	186
None	14 415	1 345	909	1 528	1 939	3 533	2 260	1 605	654	145	8	489	87

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

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

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

Erie	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	25 380	25 292	14 058	9 907	1 177	150	88	64	21	3	-
PERSONS											
1 person	3 307	3 264	3 259	5	-	-	43	43	-	-	-
2 persons	7 547	7 520	7 424	81	-	15	27	21	6	-	-
3 persons	4 318	4 318	2 768	1 544	-	6	-	-	-	-	-
4 persons	3 965	3 959	457	3 498	4	-	6	-	6	-	-
5 persons	2 781	2 777	150	2 580	39	8	4	-	4	-	-
6 persons or more	3 462	3 454	-	2 199	1 134	121	8	-	5	3	-
Median	2.9	2.9	2.0	4.5	7.1	7.5+	...	...	...	...	...
Units with roomers, boarders, or lodgers	539	539	327	166	23	23	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	92	92	46	46	-	-	-	-	-	-	-
1965 to 1968	822	822	290	475	57	-	-	-	-	-	-
1960 to 1964	1 309	1 309	486	642	156	25	-	-	-	-	-
1950 to 1959	5 831	5 831	2 640	2 853	310	28	-	-	-	-	-
1940 to 1949	2 376	2 376	1 357	955	52	12	-	-	-	-	-
1939 or earlier	14 947	14 856	9 181	4 978	613	84	91	63	24	4	-
INCOME IN 1969											
Less than \$2,000	2 187	2 154	2 013	113	28	-	33	27	6	-	-
\$2,000 to \$2,999	1 328	1 317	1 215	92	4	6	11	11	-	-	-
\$3,000 to \$3,999	1 177	1 172	1 044	111	17	-	5	-	5	-	-
\$4,000 to \$4,999	1 010	1 000	846	142	5	7	10	10	-	-	-
\$5,000 to \$5,999	1 241	1 241	922	285	27	7	-	-	-	-	-
\$6,000 to \$6,999	1 561	1 556	1 008	489	59	-	5	5	-	-	-
\$7,000 to \$9,999	6 177	6 159	2 703	3 109	298	49	18	11	4	3	-
\$10,000 to \$14,999	6 938	6 938	2 706	3 658	509	65	-	-	-	-	-
\$15,000 to \$24,999	3 000	2 994	1 218	1 563	203	10	6	-	6	-	-
\$25,000 or more	761	761	383	345	27	6	-	-	-	-	-
Median	\$9 000	\$9 000	\$7 000	\$10 800	\$11 500	\$10 500	...	...	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	21 056	20 999	11 110	8 684	1 080	125	57	33	21	3	-
Less than 1.5	10 040	10 026	4 156	5 032	766	72	14	5	6	3	-
1.5 to 1.9	4 063	4 037	1 785	2 039	164	49	26	11	15	-	-
2.0 to 2.4	2 134	2 134	1 150	902	78	4	-	-	-	-	-
2.5 to 2.9	1 200	1 200	807	359	34	-	-	-	-	-	-
3.0 to 3.9	1 113	1 108	890	209	9	-	5	5	-	-	-
4.0 or more	2 356	2 344	2 180	140	24	-	12	12	-	-	-
Not computed	150	150	142	3	5	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water	1 652	1 635	1 003	550	71	11	17	17	-	-	-
Warm-air furnace	22 726	22 687	12 400	9 095	1 063	129	39	26	10	3	-
Built-in electric units	93	93	58	26	9	-	-	-	-	-	-
Floor, wall, or pipeless furnace	92	92	54	29	9	-	-	-	-	-	-
Other means	817	785	543	207	25	10	32	21	11	-	-
None	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	15 649	14 835	8 102	5 791	809	133	814	318	469	17	10
PERSONS											
1 person	4 886	4 259	4 095	164	-	-	627	282	345	-	-
2 persons	4 085	3 966	3 306	655	-	5	119	32	80	-	7
3 persons	2 535	2 535	637	1 863	5	-	50	4	35	11	-
4 persons	1 926	1 917	60	1 798	53	6	9	-	9	-	-
5 persons	1 083	1 077	4	901	157	15	6	-	-	6	-
6 persons or more	1 114	1 111	-	410	594	107	3	-	-	-	3
Median	2.2	2.3	1.5	3.6	6.1	7.5+	1.1	1.1	1.2	...	...
Units with roomers, boarders, or lodgers	442	432	215	180	23	14	10	4	-	6	-
YEAR STRUCTURE BUILT											
1969 to March 1970	82	82	46	36	-	-	-	-	-	-	-
1965 to 1968	262	262	152	103	7	-	-	-	-	-	-
1960 to 1964	196	196	109	65	12	10	-	-	-	-	-
1950 to 1959	1 192	1 162	587	430	107	38	30	14	16	-	-
1940 to 1949	1 726	1 702	788	649	253	12	24	12	12	-	-
1939 or earlier	12 188	11 376	6 259	4 632	425	60	812	304	480	19	9
INCOME IN 1969											
Less than \$2,000	3 076	2 690	2 101	495	72	22	386	173	213	-	-
\$2,000 to \$2,999	1 270	1 147	796	318	29	4	123	56	67	-	-
\$3,000 to \$3,999	1 297	1 243	784	352	100	7	54	25	22	-	7
\$4,000 to \$4,999	1 089	1 033	683	293	46	11	56	15	36	5	-
\$5,000 to \$5,999	1 359	1 312	669	550	80	13	47	12	32	-	3
\$6,000 to \$6,999	1 415	1 332	551	706	62	13	83	22	61	-	-
\$7,000 to \$9,999	3 379	3 331	1 305	1 731	246	49	48	15	33	-	-
\$10,000 to \$14,999	2 161	2 149	925	1 069	141	14	12	-	-	12	-
\$15,000 to \$24,999	543	538	240	265	33	-	5	-	5	-	-
\$25,000 or more	60	60	48	12	-	-	-	-	-	-	-
Median	\$5 800	\$6 000	\$4 500	\$7 300	\$7 200	\$6 700	\$2 200	\$2000-	\$2 300	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	15 627	14 813	8 089	5 786	809	129	814	318	469	17	10
Less than 10 percent	1 735	1 618	610	855	139	14	117	15	91	11	-
10 to 14 percent	3 281	3 203	1 445	1 508	211	39	78	26	46	6	-
15 to 19 percent	2 593	2 515	1 162	1 187	148	18	79	40	31	-	7
20 to 24 percent	1 749	1 670	855	708	88	17	79	20	56	-	3
25 to 34 percent	1 872	1 756	1 087	550	102	17	116	44	72	-	-
35 percent or more	3 421	3 108	2 318	694	83	13	313	150	163	-	-
Not computed	976	943	612	284	38	9	33	23	10	-	-
HEATING EQUIPMENT											
Steam or hot water	2 381	2 276	1 523	598	144	11	105	14	79	5	7
Warm-air furnace	10 047	9 576	4 885	4 111	495	85	471	145	311	12	3
Built-in electric units	147	147	104	35	4	4	-	-	-	-	-
Floor, wall, or pipeless furnace	110	110	64	46	-	-	-	-	-	-	-
Other means	2 952	2 720	1 520	1 001	166	33	232	159	73	-	-
None	12	6	6	-	-	-	6	-	6	-	-

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

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

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

Erie	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	25 380	31	23	219	2 347	6 391	9 178	3 986	3 205	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	25 041	21	24	208	2 413	6 393	8 921	3 945	3 116	5.9
PERSONS										
1 person	3 307	5	17	112	607	1 074	915	329	248	5.3
2 persons	7 547	15	6	81	1 169	2 125	2 597	870	684	5.6
3 persons	4 318	6	—	14	323	1 207	1 677	657	434	5.9
4 persons	3 965	—	—	4	180	1 028	1 625	671	457	6.0
5 persons	2 781	—	—	8	39	533	1 218	558	425	6.2
6 persons or more	3 462	5	—	—	29	424	1 146	901	957	6.6
Median	2.9	...	...	1.5	2.0	2.5	3.1	3.7	4.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	25 292	31	17	213	2 327	6 379	9 155	3 980	3 190	5.9
0.50 or less	14 058	—	11	112	1 756	3 187	5 179	1 850	1 963	5.9
0.51 to 1.00	9 907	5	6	89	503	2 768	3 546	1 914	1 076	5.9
1.01 to 1.50	1 177	—	—	4	54	384	417	189	129	5.9
1.51 or more	150	26	—	8	14	40	13	27	22	5.2
Lacking some or all plumbing facilities	88	—	6	6	20	12	23	6	15	...
0.50 or less	64	—	6	—	20	12	10	6	10	...
0.51 to 1.00	21	—	—	—	—	—	—	—	5	...
1.01 to 1.50	3	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	708	65	—	216	263	103	61	—	—	3.8
2	5 933	—	—	—	1 651	3 050	1 006	144	82	4.9
3	13 308	—	—	—	74	3 022	7 684	1 860	668	6.0
4 or more	5 638	—	—	—	—	138	993	1 874	2 633	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	88	—	—	—	14	44	13	6	11	...
1960 to 1968	2 174	5	—	5	169	998	686	221	90	5.4
1950 to 1959	5 804	—	—	23	914	1 770	2 125	601	371	5.6
1949 or earlier	17 314	26	23	191	1 250	3 579	6 354	3 158	2 733	6.1
COMPLETE BATHROOMS										
1 and 1 1/2	23 206	21	16	188	2 374	6 243	8 579	3 482	2 303	5.8
2 or more	1 868	—	8	20	44	150	363	470	813	7.2
None or also used by another household	303	—	7	25	67	65	62	30	47	5.3
VALUE-INCOME RATIO										
Specified owner occupied ¹	21 056	16	6	83	1 760	4 589	7 947	3 634	3 021	6.0
Less than 1.5	10 040	6	6	8	597	1 857	3 839	2 007	1 720	6.2
1.5 to 1.9	4 063	5	—	21	327	1 058	1 541	669	442	5.9
2.0 to 2.9	3 334	—	—	22	286	838	1 367	430	391	5.9
3.0 or more	3 469	5	—	27	527	812	1 143	508	447	5.8
Not computed	150	—	—	5	23	24	57	20	21	5.9
Renter occupied housing units	15 649	526	617	2 315	3 780	4 671	2 670	724	346	4.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	14 414	90	397	2 155	3 583	4 621	2 545	691	332	4.7
PERSONS										
1 person	4 886	509	487	1 461	1 141	900	305	43	40	3.5
2 persons	4 085	12	102	633	1 163	1 395	638	89	53	4.6
3 persons	2 555	—	16	140	744	1 014	468	130	43	4.9
4 persons	1 926	—	6	53	474	669	505	159	60	5.1
5 persons	1 083	—	—	15	163	356	354	165	30	5.5
6 persons or more	1 114	5	6	13	95	337	400	138	120	5.8
Median	2.2	1.0	1.1	1.3	2.1	2.5	3.3	4.1	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	14 835	174	439	2 171	3 674	4 641	2 670	724	342	4.7
0.50 or less	8 102	—	348	1 381	2 235	2 269	1 411	262	196	4.5
0.51 to 1.00	5 791	164	74	712	1 187	2 035	1 082	423	114	4.9
1.01 to 1.50	809	—	5	53	226	287	173	37	28	4.9
1.51 or more	133	10	12	25	40	50	4	2	4	4.3
Lacking some or all plumbing facilities	814	352	178	144	106	30	—	—	4	1.8
0.50 or less	318	—	139	80	69	26	—	—	4	2.8
0.51 to 1.00	469	345	28	61	31	4	—	—	—	1.2
1.01 to 1.50	17	—	11	—	6	—	—	—	—	...
1.51 or more	10	7	—	3	—	—	—	—	—	...
BEDROOMS										
None	499	369	97	33	—	—	—	—	—	1.2
1	3 650	—	499	2 196	708	1 188	59	—	—	3.1
2	6 871	—	—	54	3 002	3 355	389	71	—	4.6
3 or more	4 561	—	—	—	75	1 216	2 154	735	381	6.0
YEAR STRUCTURE BUILT										
1969 to March 1970	87	—	—	6	47	34	—	—	—	...
1960 to 1968	469	6	18	67	268	84	11	10	5	4.0
1950 to 1959	1 167	20	21	154	496	236	192	38	10	4.3
1949 or earlier	13 926	500	578	2 088	2 969	4 317	2 467	676	331	4.7
COMPLETE BATHROOMS										
1 and 1 1/2	14 262	124	396	2 163	3 576	4 569	2 493	648	293	4.7
2 or more	232	14	7	—	13	52	52	50	44	6.1
None or also used by another household	1 152	441	220	175	170	72	63	11	—	2.1
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	15 627	526	617	2 310	3 780	4 667	2 665	720	342	4.6
Less than 10 percent	1 735	120	38	212	398	547	300	104	16	4.7
10 to 14 percent	3 281	58	116	388	823	1 139	572	143	42	4.7
15 to 19 percent	2 593	24	81	307	582	789	570	170	70	4.9
20 to 24 percent	1 749	43	43	224	468	580	308	58	25	4.7
25 to 34 percent	1 872	66	77	381	468	472	315	60	33	4.4
35 percent or more	3 421	200	224	677	867	842	444	115	52	4.2
Not computed	976	15	38	121	174	298	156	70	104	5.0

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

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

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

Erie	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	25 380	21 381	3 999	--	15 649	3 453	6 090	3 044	2 039	729	294	--
ROOMS												
1 room	31	16	15	--	526	62	11	35	198	204	16	--
2 rooms	23	6	17	--	617	29	27	184	228	86	63	--
3 rooms	219	89	130	--	2 315	146	375	950	528	196	120	--
4 rooms	2 347	1 791	556	--	3 780	831	1 143	1 001	600	141	64	--
5 rooms	6 391	4 645	1 746	--	4 671	768	2 852	547	393	85	26	--
6 rooms	9 178	8 065	1 113	--	2 670	911	1 420	243	78	13	5	--
7 rooms	3 986	3 696	290	--	724	442	222	46	14	--	--	--
8 rooms or more	3 205	3 073	132	--	346	264	40	38	--	4	--	--
Median	5.9	6.0	5.2	--	4.6	5.4	5.0	3.9	3.6	2.9	3.1	--
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	25 292	21 324	3 968	--	14 835	3 437	6 001	2 837	1 738	543	279	--
0.50 or less	14 058	11 330	2 728	--	8 102	1 543	3 283	1 686	995	384	211	--
0.51 to 1.00	9 907	8 789	1 118	--	5 791	1 577	2 451	1 018	532	149	64	--
1.01 to 1.50	1 177	1 080	97	--	809	275	246	99	181	4	4	--
1.51 or more	150	125	25	--	133	42	21	34	30	6	--	--
Lacking some or all plumbing facilities	88	57	31	--	814	16	89	207	301	184	15	--
0.50 or less	64	33	31	--	318	16	58	119	86	30	9	--
0.51 to 1.00	21	21	--	--	469	--	28	77	209	149	6	--
1.01 to 1.50	3	3	--	--	17	--	--	11	6	--	--	--
1.51 or more	--	--	--	--	10	--	3	--	--	7	--	--
BEDROOMS												
None	65	21	44	--	499	74	--	21	163	208	33	--
1	643	202	441	--	3 650	193	775	1 214	928	363	177	--
2	5 933	3 801	2 132	--	6 871	1 288	3 496	1 122	696	128	141	--
3	13 308	11 721	1 587	--	3 633	1 302	1 636	468	161	66	--	--
4 or more	5 638	5 369	269	--	928	563	222	55	68	20	--	--
YEAR STRUCTURE BUILT												
1969 to March 1970	88	88	--	--	87	29	20	--	11	27	--	--
1965 to 1968	815	796	19	--	271	51	8	105	5	18	84	--
1960 to 1964	1 359	1 355	4	--	198	95	40	25	11	23	4	--
1950 to 1959	5 804	5 706	98	--	1 167	582	129	40	292	124	--	--
1940 to 1949	2 310	2 234	76	--	1 758	645	187	296	556	47	27	--
1939 or earlier	15 004	11 202	3 802	--	12 168	2 051	5 706	2 578	1 164	490	179	--
INCOME IN 1969												
Less than \$2,000	2 187	1 583	604	--	3 076	422	993	741	563	312	45	--
\$2,000 to \$2,999	1 328	908	420	--	1 270	202	380	293	279	97	19	--
\$3,000 to \$3,999	1 177	873	304	--	1 297	261	471	295	205	44	21	--
\$4,000 to \$4,999	1 010	758	252	--	1 089	210	445	241	151	22	20	--
\$5,000 to \$5,999	1 241	1 039	202	--	1 359	281	560	306	134	48	30	--
\$6,000 to \$6,999	1 561	1 254	305	--	1 415	282	600	267	191	55	20	--
\$7,000 to \$9,999	6 177	5 271	906	--	3 379	934	1 489	484	326	97	49	--
\$10,000 to \$14,999	6 938	6 238	700	--	2 161	626	976	332	136	27	64	--
\$15,000 to \$24,999	3 000	2 733	267	--	543	213	164	75	54	22	15	--
\$25,000 or more	761	722	39	--	60	22	12	10	--	5	11	--
Median	\$9 000	\$9 400	\$6 700	--	\$5 800	\$7 200	\$6 300	\$4 800	\$3 900	\$2 500	\$6 600	--
YEAR MOVED INTO UNIT												
1969 to March 1970	1 501	1 231	270	--	5 238	1 021	1 914	1 110	772	319	102	--
1968	1 239	1 150	89	--	2 273	534	948	427	224	120	20	--
1967	1 230	1 075	155	--	1 531	324	635	230	213	37	92	--
1965 and 1966	2 245	1 978	267	--	1 896	434	697	372	266	91	36	--
1960 to 1964	3 980	3 522	458	--	2 454	631	840	531	320	101	31	--
1950 to 1959	7 457	6 777	680	--	1 470	331	598	287	200	54	--	--
1949 or earlier	7 725	5 733	1 992	--	784	169	415	115	61	8	16	--
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	15 627	3 431	6 090	3 044	2 039	729	294	...
Less than \$50 .....	...	...	...	...	1 351	282	127	324	484	134	15	...
\$50 to \$59 .....	...	...	...	...	943	89	302	269	204	64	15	...
\$60 to \$69 .....	...	...	...	...	1 615	214	598	524	194	48	37	...
\$70 to \$79 .....	...	...	...	...	2 081	358	807	513	293	86	24	...
\$80 to \$99 .....	...	...	...	...	3 731	670	1 956	665	281	118	41	...
\$100 to \$119 .....	...	...	...	...	2 493	517	1 207	376	273	92	28	...
\$120 to \$149 .....	...	...	...	...	1 743	537	626	185	226	117	52	...
\$150 to \$199 .....	...	...	...	...	824	368	199	139	45	48	25	...
\$200 to \$299 .....	...	...	...	...	263	133	40	10	12	11	57	...
\$300 or more .....	...	...	...	...	17	7	--	--	--	--	10	...
No cash rent .....	...	...	...	...	566	256	228	39	27	11	5	...
Median .....	...	...	...	...	\$88	\$99	\$91	\$78	\$74	\$84	\$120	...
HEATING EQUIPMENT												
Steam or hot water	1 652	1 315	337	--	2 381	274	257	497	853	355	145	--
Warm-air furnace	22 726	19 489	3 237	--	10 047	2 549	4 338	1 799	946	292	123	--
Built-in electric units	93	79	14	--	147	36	36	29	19	27	--	--
Floor, wall, or pipeless furnace	92	68	24	--	110	16	35	42	17	--	--	--
Other means	817	430	387	--	2 952	578	1 412	677	204	55	26	--
None	--	--	--	--	12	--	12	--	--	--	--	--
AIR CONDITIONING												
Room unit(s)	2 525	2 117	408	--	993	234	519	132	37	64	7	--
Central system	442	410	32	--	211	66	9	42	6	9	79	--
None	22 410	18 939	3 471	--	14 442	3 144	5 519	2 898	2 013	657	211	--
AUTOMOBILES AVAILABLE												
1	13 978	11 757	2 221	--	8 662	2 056	3 616	1 568	986	286	150	--
2	7 054	6 360	694	--	1 791	519	737	348	95	44	48	--
3 or more	1 250	1 160	90	--	254	138	83	12	14	7	--	--
None	3 095	2 189	906	--	4 939	731	1 611	1 144	961	393	99	--

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

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

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

Erie	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	25 380	3 307	7 547	4 318	3 965	2 781	1 733	1 015	714	2.9
BEDROOMS										
None and 1	708	279	307	73	28	-	21	-	-	1.7
2	5 933	1 182	2 886	1 057	535	141	93	39	-	2.1
3	13 308	1 269	3 297	2 659	2 734	1 819	1 010	395	125	3.3
4 or more	5 638	541	1 089	774	730	781	724	459	540	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	88	4	22	14	28	8	-	12	-	...
1965 to 1968	815	17	198	126	222	144	61	42	5	3.8
1960 to 1964	1 359	79	321	250	258	183	156	81	31	3.6
1950 to 1959	5 804	469	1 553	1 049	1 182	779	458	215	99	3.3
1940 to 1949	2 310	313	740	378	404	244	163	59	9	2.8
1939 or earlier	15 004	2 425	4 713	2 501	1 871	1 423	895	606	570	2.6
UNITS IN STRUCTURE										
1	21 381	2 265	6 122	3 575	3 550	2 610	1 615	957	687	3.1
2 or more	3 999	1 042	1 425	743	415	171	118	58	27	2.2
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-
COMPLETE BATHROOMS										
1 and 1 1/2	23 206	3 074	7 025	3 935	3 659	2 577	1 407	951	578	2.9
2 and 2 1/2	1 667	124	392	259	278	212	211	77	114	3.7
3 or more	201	30	42	37	24	18	16	16	18	3.3
None or also used by another household	303	79	119	33	20	7	41	4	-	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	22 073	...	7 547	4 318	3 965	2 781	1 733	1 015	714	3.3
Male head, wife present, no nonrelatives	18 748	...	5 743	3 655	3 574	2 518	1 622	969	667	3.5
Under 25 years	392	...	86	164	112	21	5	4	-	3.2
25 to 34 years	2 582	...	200	399	826	582	309	168	98	4.3
35 to 44 years	3 733	...	153	316	779	966	741	423	355	5.1
45 to 64 years	9 112	...	3 080	2 296	1 700	914	540	368	214	3.1
65 years and over	2 929	...	2 224	480	157	35	27	6	-	2.2
Other male head	1 134	...	591	200	146	124	43	10	20	2.5
Under 65 years	824	...	358	159	130	109	38	10	20	2.8
65 years and over	310	...	233	41	16	5	-	-	-	2.2
Female head	2 191	...	1 213	443	245	139	68	36	27	2.4
Under 65 years	1 284	...	596	269	198	115	58	30	18	2.7
65 years and over	907	...	617	194	47	24	10	6	9	2.2
One-person households	3 307	3 307	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	21 056	2 220	6 026	3 491	3 514	2 573	1 615	930	687	3.2
Less than 1.5	10 040	232	2 162	2 042	1 939	1 490	1 011	632	532	3.8
1.5 to 1.9	4 063	162	1 055	755	577	347	155	97	36	3.6
2.0 to 2.4	2 134	122	757	301	351	300	140	97	36	3.1
2.5 to 2.9	1 200	156	555	184	140	100	43	17	5	2.3
3.0 to 3.9	1 113	289	518	102	118	26	55	5	-	2.0
4.0 or more	2 356	1 178	923	102	51	47	19	19	17	1.5
Not computed	150	81	56	5	-	3	-	5	-	1.4
Renter occupied housing units	15 649	4 886	4 085	2 555	1 926	1 083	628	266	220	2.2
BEDROOMS										
None	499	479	20	-	-	-	-	-	-	1.0
1	3 650	2 395	919	132	151	19	34	-	-	1.3
2	6 871	1 809	2 157	1 347	997	363	168	30	-	2.3
3 or more	4 561	299	944	855	793	749	418	278	225	3.7
YEAR STRUCTURE BUILT										
1969 to March 1970	87	30	18	22	17	-	-	-	-	...
1965 to 1968	271	71	85	67	34	14	-	-	-	2.3
1960 to 1964	198	74	58	26	18	9	7	-	6	1.9
1950 to 1959	1 167	318	264	218	154	105	60	33	15	2.5
1940 to 1949	1 758	528	321	251	243	159	154	50	52	2.6
1939 or earlier	12 168	3 865	3 339	1 971	1 460	796	407	183	147	2.2
UNITS IN STRUCTURE										
1	3 453	580	785	602	622	381	261	107	115	3.1
2	6 090	1 334	1 831	1 237	888	425	226	80	69	2.4
3 and 4	3 044	1 254	808	449	278	165	31	38	21	1.8
5 to 9	2 039	982	480	201	112	104	110	35	15	1.6
10 to 19	729	542	105	46	22	8	-	6	-	1.2
20 or more	294	194	76	20	4	-	-	-	-	1.3
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-
COMPLETE BATHROOMS										
1 and 1 1/2	14 262	4 004	3 825	2 472	1 865	1 010	637	248	201	2.3
2 or more	232	50	75	29	18	17	8	-	35	2.4
None or also used by another household	1 152	832	153	100	33	21	13	-	-	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	10 763	...	4 085	2 555	1 926	1 083	628	266	220	3.0
Male head, wife present, no nonrelatives	7 735	...	2 736	1 877	1 516	783	472	180	171	3.1
Under 25 years	1 590	...	670	586	245	49	23	12	5	2.7
25 to 34 years	2 629	...	585	713	725	322	192	60	32	3.5
35 to 44 years	1 050	...	133	128	249	230	155	71	84	4.6
45 to 64 years	1 789	...	768	386	293	170	90	32	50	2.8
65 years and over	677	...	580	64	4	12	5	-	-	2.1
Other male head	670	...	343	166	80	38	29	14	-	2.5
Under 65 years	585	...	274	150	80	38	29	14	-	2.6
65 years and over	85	...	69	16	-	-	-	-	-	...
Female head	2 358	...	1 006	512	330	262	127	72	49	2.8
Under 65 years	2 112	...	805	498	325	253	113	72	46	3.0
65 years and over	246	...	201	14	5	9	14	-	3	2.1
One-person households	4 886	4 886	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	15 627	4 882	4 075	2 551	1 926	1 083	628	266	216	2.2
Less than 10 percent	1 735	282	487	351	284	163	94	42	32	2.8
10 to 14 percent	3 281	607	906	655	565	253	180	60	55	2.7
15 to 19 percent	2 593	508	700	525	341	237	179	50	53	2.7
20 to 24 percent	1 749	394	519	346	260	123	55	34	18	2.4
25 to 34 percent	1 872	730	514	232	176	91	50	35	44	1.9
35 percent or more	3 421	1 964	721	302	202	153	42	30	7	1.4
Not computed	976	397	228	140	98	63	28	15	7	1.9

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

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

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

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

Erie					Erie				
	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	172	35	65	72	Vacant for rent	861	491	234	136
ROOMS					ROOMS				
1 to 3 rooms	—	—	—	—	1 room	50	45	5	—
4 rooms	21	—	9	12	2 rooms	45	40	—	5
5 rooms	35	—	16	19	3 rooms	150	97	33	20
6 rooms	54	19	20	15	4 rooms	155	99	24	32
7 rooms or more	62	16	20	26	5 rooms	278	135	108	35
					6 rooms	114	44	43	27
					7 rooms or more	69	31	21	17
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	168	35	65	68	With all plumbing facilities	781	423	225	133
Lacking some or all plumbing facilities	4	—	—	4	Lacking some or all plumbing facilities	80	68	9	3
BEDROOMS					BEDROOMS				
None and 1	—	—	—	—	None	75	75	—	—
2	89	—	70	19	1	314	220	60	34
3	37	—	18	19	2	296	165	101	30
4 or more	89	36	17	36	3 or more	154	36	93	25
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	5	3	2	—	1969 to March 1970	16	11	—	5
1960 to 1968	4	—	—	4	1960 to 1968	3	3	—	—
1950 to 1959	20	6	—	14	1950 to 1959	61	53	8	—
1949 or earlier	143	26	63	54	1949 or earlier	781	424	226	131
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	138	35	46	57	1	156	54	55	47
2 or more	34	—	19	15	2 to 4	459	271	142	46
					5 to 9	166	101	32	33
					10 to 19	70	55	5	10
					20 or more	10	10	—	—
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	7	—	4	3	Specified vacant for rent ²	861	491	234	136
Warm-air furnace	150	35	61	54	Less than \$50	146	87	23	36
Built-in electric units	—	—	—	—	\$50 to \$59	155	55	77	23
Floor, wall, or pipeless furnace	—	—	—	—	\$60 to \$79	275	170	61	44
Other means	15	—	—	15	\$80 to \$99	123	68	35	20
None	—	—	—	—	\$100 to \$119	61	44	13	4
					\$120 to \$149	48	34	14	—
					\$150 to \$199	38	24	5	9
					\$200 or more	15	9	6	—
SALES PRICE ASKED					Median rent asked	\$69	\$72	\$66	\$64
Specified vacant for sale ¹	138	35	46	57					
Less than \$5,000	10	—	—	10					
\$5,000 to \$9,999	20	—	14	6					
\$10,000 to \$14,999	60	19	15	26					
\$15,000 to \$19,999	13	3	6	4					
\$20,000 to \$24,999	16	6	6	4					
\$25,000 to \$34,999	8	3	5	—					
\$35,000 to \$49,999	11	4	—	7					
\$50,000 or more	—	—	—	—					
Median price asked	\$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 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]

Erie	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	138	30	60	13	16	8	11	861	301	275	123	109	38	15
PLUMBING FACILITIES														
With all plumbing facilities	163	91	72	—	—	—	—	752	219	202	126	121	71	13
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	87	50	12	12	13	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	389	119	81	96	68	25	—
2	37	37	—	—	—	—	—	296	97	108	42	36	—	13
3	37	19	18	—	—	—	—	130	53	13	—	18	46	—
4 or more	89	35	54	—	—	—	—	24	—	12	—	12	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	5	—	—	2	3	—	—	16	—	5	—	—	8	3
1960 to 1968	4	—	—	4	—	—	—	3	—	—	—	—	—	3
1950 to 1959	20	—	3	3	4	3	7	61	8	12	—	33	5	3
1949 or earlier	109	30	57	4	9	5	4	781	293	258	123	76	25	6
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	156	63	48	24	—	9	12
2 to 4	...	...	...	...	...	...	...	459	137	174	55	74	19	—
5 to 19	...	...	...	...	...	...	...	236	101	53	37	35	10	—
20 or more	...	...	...	...	...	...	...	10	—	—	7	—	—	3
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	298	100	84	54	42	15	3
Some or no utilities included	...	...	...	...	...	...	...	563	201	191	69	67	23	12

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

Appendix A.—AREA CLASSIFICATIONS

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USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

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

Comparability with 1960 data.—

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

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

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

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

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

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

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B—Continued

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

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

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

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

15 and 5 percent

15 percent

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

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 <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="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 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="checkbox"/> None, unit has no heating equipment</p>	<p>H25a. Which fuel is used most for cooking? <input checked="" type="radio"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for house heating? <input checked="" type="radio"/> 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 type="radio"/> 1960 to 1964 <input checked="" type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier</p>	<p>c. Which fuel is used most for water heating? <input checked="" type="radio"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input checked="" type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24 <input type="radio"/> On a place of less than 10 acres? <input type="radio"/> On a place of 10 acres or more?</p>	<p>H27a. Do you have a clothes washing machine? <input type="radio"/> Yes, automatic or semi-automatic <input type="radio"/> Yes, wringer or separate spinner <input type="radio"/> No</p> <p>b. Do you have a clothes dryer? <input type="radio"/> Yes, electrically heated <input type="radio"/> Yes, gas heated <input checked="" type="radio"/> No</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$2,499 <input checked="" type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$10,000 or more</p>	<p>c. Do you have a dishwasher (built-in or portable)? <input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator? <input type="radio"/> Yes <input type="radio"/> No</p>
	<p>H28a. Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set <input type="radio"/> Yes, two or more sets <input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? <input type="radio"/> Yes <input type="radio"/> No</p>
	<p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p>
	<p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year? <input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

APPENDIX B—Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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

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

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

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

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		

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

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

Group

Occupied housing units:

STAGE I

	<i>Male</i>	<i>Head</i>	<i>With</i>	<i>Own</i>
	<i>Children Under 18</i>			
1	1-person household			
2	2-person household			
3	3-person household			
.	.			
.	.			
6	6-or-more-person household			

.	.			
.	.			
6	6-or-more-person household			

	<i>Male</i>	<i>Head</i>	<i>Without</i>	<i>Own</i>
	<i>Children Under 18</i>			
7-12	1-person to 6-or-more-person households			

	<i>Female</i>	<i>Head</i>
13-18	1-person to 6-or-more-person households	

STAGE II

	<i>Owner Occupied</i>
19	Negro
20	Not Negro

	<i>Renter Occupied</i>
21	Negro
22	Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

■ Series HC(1)-A.

GENERAL HOUSING CHARACTERISTICS

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

■ Series HC(1)-B.

DETAILED HOUSING CHARACTERISTICS

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

Volume II.

METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

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

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

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

■ Series PC(1)-A.

NUMBER OF INHABITANTS.

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

■ Series PC(1)-B.

GENERAL POPULATION CHARACTERISTICS

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

■ Series PC(1)-C.

GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume II.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

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

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

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

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

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

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

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



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A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

EUGENE, OREG.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-66

1970
CENSUS OF
HOUSING



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

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David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

Arthur F. Young, Chief

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**EUGENE, OREG.
STANDARD METROPOLITAN
STATISTICAL AREA**

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

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

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

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

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

Eugene, Oreg.

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 66.]

page

MAP

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

INDEX OF TABLES

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

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

LIST OF TABLES

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

TABLE

- 1 Value of Owner Occupied Housing Units: 1970

- 2 Gross Rent of Renter Occupied Housing Units: 1970

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

- 4 Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970

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

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

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

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

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

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

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

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

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

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

TABLE

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

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

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

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

- 19 Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970

- 20 Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language: 1970

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

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

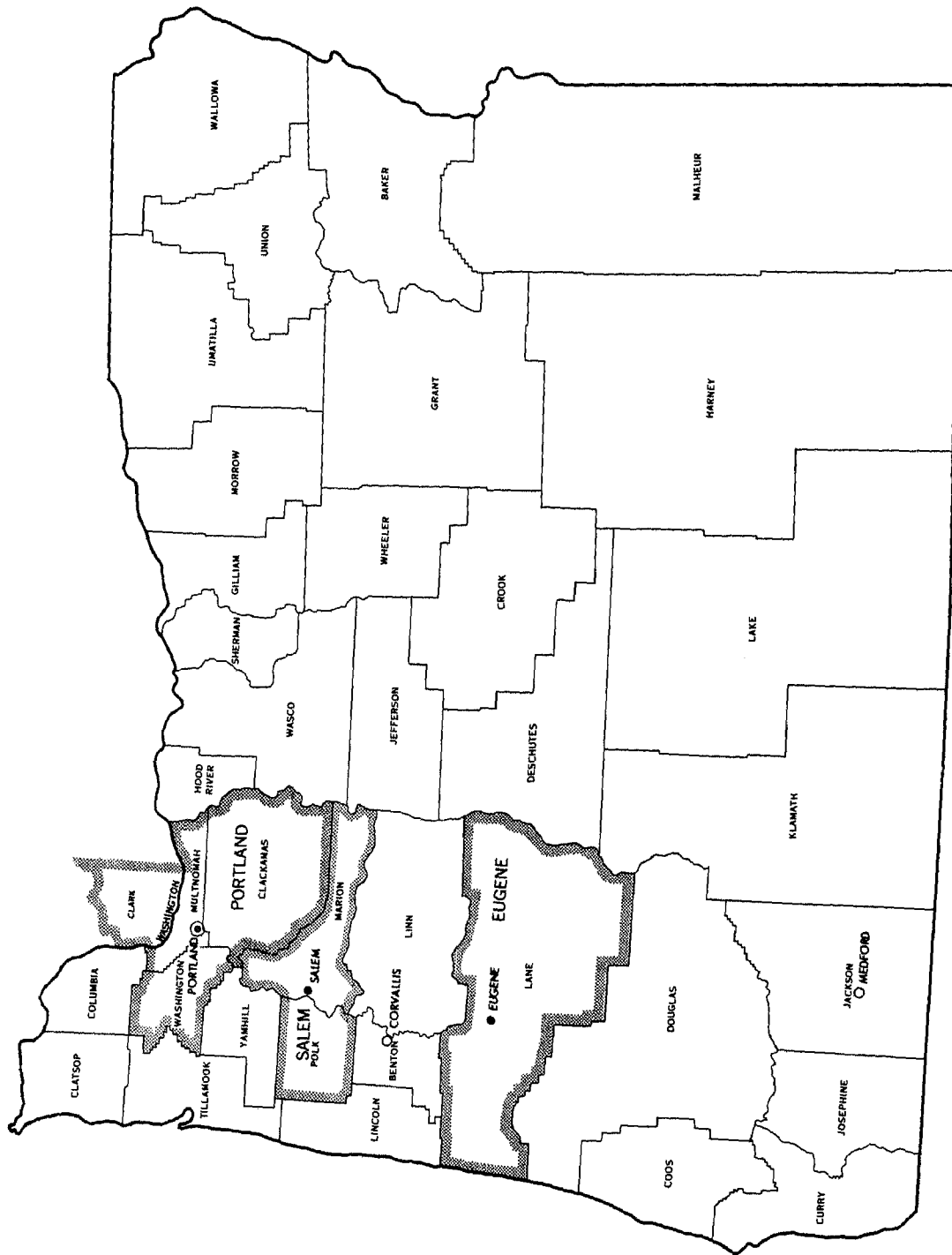
- 23 Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

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


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

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

Counties, Standard Metropolitan Statistical Areas, and Selected Places



LEGEND

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

NOTE

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

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied ¹	23 573	1 014	1 000	1 040	1 462	3 947	4 440	5 626	3 410	658	38	940	113
ROOMS													
1 room	774	237	107	96	61	152	41	40	5	4	8	23	63
2 rooms	1 928	170	165	185	262	391	293	340	28	5	—	89	87
3 rooms	5 009	334	377	344	436	1 153	1 149	828	223	34	—	131	97
4 rooms	7 578	210	250	269	378	1 266	1 525	2 185	1 096	90	5	302	117
5 rooms	4 578	33	62	90	181	577	989	1 286	1 044	136	—	180	126
6 rooms	2 261	13	39	37	105	286	303	588	636	161	—	93	135
7 rooms	942	8	—	4	25	80	87	267	285	96	6	84	145
8 rooms or more	505	9	—	15	14	42	53	92	91	132	19	38	155
Median	4.0	2.8	3.1	3.2	3.4	3.7	4.0	4.2	4.8	5.9	...	4.3	...
PERSONS													
1 person	5 993	701	466	524	614	1 158	942	915	287	69	—	317	89
2 persons	7 630	207	306	265	443	1 397	1 573	1 956	991	129	10	353	113
3 persons	4 054	46	133	92	166	588	882	1 177	766	84	3	115	122
4 persons	2 954	42	75	83	141	425	520	811	575	206	6	70	126
5 persons	1 640	4	15	31	40	174	286	461	447	117	15	50	136
6 persons or more	1 304	12	5	45	58	205	237	306	344	53	4	35	127
Median	2.3	1.2	1.6	1.5	1.8	2.1	2.3	2.5	3.1	3.7	...	1.9	...
Units with roomers, boarders, or lodgers	1 433	27	21	21	56	163	266	421	318	96	12	32	130
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	23 055	808	906	1 008	1 446	3 907	4 440	5 602	3 405	658	38	837	114
0.50 or less	10 875	582	518	569	797	1 766	1 934	2 466	1 394	283	20	546	110
0.51 to 1.00	10 646	191	335	347	583	1 853	2 143	2 785	1 800	340	10	259	118
1.01 to 1.50	1 207	20	27	55	40	231	307	283	191	35	—	18	114
1.51 or more	327	15	26	37	26	57	56	68	20	—	8	14	98
Lacking some or all plumbing facilities	520	206	94	32	16	40	—	24	5	—	—	103	30
0.50 or less	212	39	46	20	—	19	—	12	5	—	—	71	57
0.51 to 1.00	263	164	23	—	16	21	—	12	—	—	—	27	50--
1.01 to 1.50	10	—	—	5	—	—	—	—	—	—	—	5	...
1.51 or more	35	3	25	7	—	—	—	—	—	—	—	—	...
BEDROOMS													
None	1 196	277	198	264	61	233	61	41	19	—	18	24	64
1	7 192	537	335	390	560	1 678	1 725	1 344	391	48	—	184	100
2	9 589	134	401	385	423	1 504	1 904	2 952	1 257	198	—	431	118
3 or more	5 592	74	79	154	146	587	620	1 376	1 649	491	—	416	140
YEAR STRUCTURE BUILT													
1969 to March 1970	837	42	33	37	13	21	85	242	264	75	—	25	142
1965 to 1968	3 805	305	72	48	33	246	501	1 222	1 099	173	22	84	136
1960 to 1964	3 917	168	93	62	75	474	714	1 278	832	122	9	90	128
1950 to 1959	4 822	104	72	180	340	896	1 037	1 274	600	115	3	201	114
1940 to 1949	4 678	102	368	326	419	1 053	1 033	833	260	88	4	192	100
1939 or earlier	5 516	293	362	387	582	1 257	1 070	777	355	85	—	348	95
ELEVATOR IN STRUCTURE													
4 floors or more	825	185	39	57	41	117	95	138	114	39	—	—	93
With elevator	825	185	39	57	41	117	95	138	114	39	—	—	93
Walk-up	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 3 floors	22 744	837	974	1 136	1 149	3 885	4 215	5 575	3 202	698	18	1 055	114
COMPLETE BATHROOMS													
1 and 1/2	21 866	760	791	929	1 440	3 843	4 401	5 450	3 108	390	24	730	113
2 or more	791	16	7	—	13	18	50	82	282	233	24	66	181
None or also used by another household	939	233	173	74	78	158	32	49	7	—	—	135	60
INCOME IN 1969													
Less than \$2,000	4 520	514	393	347	401	688	661	663	509	114	6	224	94
\$2,000 to \$2,999	2 251	200	159	157	205	429	336	400	175	47	—	143	95
\$3,000 to \$3,999	1 926	69	83	100	166	443	422	366	167	27	—	83	103
\$4,000 to \$4,999	1 801	61	51	73	105	378	458	441	138	10	—	85	108
\$5,000 to \$5,999	1 878	36	82	153	149	384	411	454	136	31	—	42	106
\$6,000 to \$6,999	1 828	33	57	48	92	372	424	500	203	29	—	70	113
\$7,000 to \$9,999	5 045	81	148	96	246	775	1 102	1 493	848	83	—	173	120
\$10,000 to \$14,999	3 115	20	27	56	62	343	457	1 008	864	166	23	89	136
\$15,000 to \$24,999	981	—	—	6	21	126	119	247	326	110	4	22	145
\$25,000 or more	230	—	—	4	15	9	49	54	44	41	5	9	139
Median	\$5 700	\$2 000	\$2 700	\$3 200	\$3 800	\$5 100	\$5 800	\$7 000	\$8 300	\$9 600	...	\$4 200	...
YEAR MOVED INTO UNIT													
1969 to March 1970	14 826	333	453	576	885	2 494	2 846	3 842	2 596	508	33	260	118
1968	3 296	184	203	102	184	600	639	818	416	53	15	82	110
1967	1 741	119	79	85	129	249	364	407	180	25	—	104	109
1965 and 1966	1 566	138	78	82	132	250	282	309	151	25	—	119	103
1960 to 1964	1 131	145	101	98	93	248	209	130	35	7	—	65	87
1950 to 1959	743	53	57	74	151	124	124	57	19	—	—	180	90
1949 or earlier	293	37	—	32	34	27	19	18	—	5	—	121	75
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 342	164	180	87	120	286	231	155	100	19	—	...	89
10 to 14 percent	3 397	107	170	196	310	783	624	775	378	49	5	...	104
15 to 19 percent	4 108	103	58	169	179	697	982	1 135	649	136	—	...	117
20 to 24 percent	3 065	143	96	84	108	474	554	891	611	100	4	...	122
25 to 34 percent	3 440	183	124	127	199	522	703	910	576	76	20	...	116
35 percent or more	6 933	309	327	359	522	1 126	1 317	1 683	1 027	254	9	...	113
Not computed	1 290	5	45	18	24	59	29	77	69	24	—	940	117
AIR CONDITIONING													
Room unit(s)	786	43	20	50	32	64	104	230	133	48	—	62	126
Central system	336	37	12	9	9	58	41	50	61	21	5	33	113
None	22 474	929	939	944	1 490	3 897	4 338	5 301	3 203	554	43	836	112

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

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

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

The SMSA

	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	43 739	3 299	1 998	1 851	1 773	2 032	2 595	9 481	12 587	6 457	1 666	9 600
ROOMS												
1 and 2 rooms	855	216	86	85	67	77	82	110	88	33	11	4 600
3 rooms	2 011	440	249	191	149	157	161	369	205	71	19	4 800
4 rooms	7 132	908	637	562	511	485	598	1 657	1 351	382	41	6 800
5 rooms	11 595	889	516	515	514	598	796	2 713	3 483	1 338	233	9 200
6 rooms	11 325	447	371	325	319	373	566	2 706	3 968	1 895	355	10 700
7 rooms or more	10 821	399	139	173	213	342	392	1 926	3 492	2 738	1 007	12 600
PERSONS												
1 person	4 611	1 833	632	414	358	252	269	504	259	70	20	2 700
2 persons	14 335	875	1 032	1 159	1 023	1 057	1 133	2 901	3 250	1 568	337	7 900
3 and 4 persons	15 194	403	247	196	283	485	757	3 736	5 503	2 916	668	11 400
5 persons	5 183	117	49	47	45	129	234	1 362	1 910	950	340	11 600
6 persons or more	4 416	71	38	35	64	109	202	978	1 665	953	301	12 100
Units with roomers, boarders, or lodgers	728	133	48	46	30	11	65	119	151	100	25	7 800
BEDROOMS												
Less than 3	16 654	2 383	1 623	1 272	1 122	1 340	1 216	3 656	2 979	925	138	6 500
3	19 776	626	529	507	571	638	942	4 888	7 215	3 232	628	10 800
4 or more	7 335	265	122	129	167	338	192	1 250	2 213	1 781	878	12 700
YEAR STRUCTURE BUILT												
1969 to March 1970	1 740	74	32	80	71	65	109	482	497	216	114	9 700
1960 to 1968	14 302	680	380	376	387	540	739	3 083	4 814	2 657	646	11 000
1950 to 1959	12 307	906	534	454	511	448	738	2 654	3 742	1 836	484	9 900
1949 or earlier	15 390	1 639	1 052	941	804	979	1 009	3 262	3 534	1 748	422	8 200
YEAR MOVED INTO UNIT												
1969 to March 1970	6 659	446	235	272	233	392	575	1 601	1 847	820	238	9 200
1968	3 981	139	112	113	96	166	271	1 012	1 322	593	157	10 300
1960 to 1967	19 265	1 119	660	645	673	676	1 081	4 211	6 191	3 233	776	10 500
1959 or earlier	13 834	1 563	949	795	749	720	728	2 530	3 317	1 962	521	8 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	37 274	1 919	1 600	1 251	1 384	1 876	1 901	8 554	11 566	5 621	1 602	10 100
Clothes dryer	34 936	1 525	1 299	961	1 156	1 648	1 914	8 252	11 092	5 501	1 588	10 300
Dishwasher	18 495	503	247	366	415	617	654	3 244	6 843	4 238	1 368	12 300
Home food freezer	27 804	1 432	1 206	999	962	1 318	1 579	6 109	8 904	4 125	1 170	10 200
Owned second home	1 648	62	78	37	157	20	76	193	401	420	204	12 500
With air conditioning	3 194	174	93	166	117	147	183	642	861	619	192	10 400
Room unit(s)	2 284	141	63	99	97	92	136	448	669	427	112	10 500
Central system	910	33	30	67	20	55	47	194	192	192	80	10 200
Automobiles available:												
1	18 807	1 616	1 293	1 295	1 269	1 356	1 487	4 438	4 292	1 462	299	7 700
2	17 923	470	251	281	305	440	905	3 977	6 805	3 429	1 060	11 700
3 or more	4 561	68	27	50	41	57	150	735	1 447	1 660	326	14 000
Renter occupied housing units	24 518	4 633	2 329	2 006	1 837	1 935	1 956	5 294	3 258	1 029	241	5 800
ROOMS												
1 room	783	311	142	110	43	31	37	63	41	5	—	2 600
2 rooms	1 946	721	279	199	158	130	107	236	91	10	15	2 900
3 rooms	5 074	1 468	640	485	440	430	412	730	306	125	30	3 900
4 rooms	7 751	1 264	687	672	665	702	599	1 963	857	283	59	5 800
5 rooms	4 837	542	377	303	301	383	456	1 255	895	278	47	7 100
6 rooms or more	4 127	327	204	237	230	251	345	1 047	1 068	328	90	8 300
PERSONS												
1 person	6 116	2 246	988	553	521	408	322	699	265	63	51	2 800
2 persons	7 858	1 345	729	780	644	668	671	1 571	980	388	82	5 600
3 and 4 persons	7 305	838	474	524	505	613	655	2 085	1 221	317	73	7 100
5 persons	1 770	114	87	79	77	96	179	552	428	139	19	8 400
6 persons or more	1 469	90	51	70	90	150	129	387	364	122	16	8 200
Units with roomers, boarders, or lodgers	1 471	676	234	136	113	100	45	107	44	16	—	2 300
BEDROOMS												
None	1 196	447	169	277	22	92	—	133	37	19	—	2 900
1	7 274	2 123	988	779	534	574	547	1 003	514	145	67	3 700
2	9 970	1 630	899	898	767	910	703	2 347	1 391	236	189	5 900
3 or more	6 167	511	309	355	331	356	565	1 619	1 520	495	106	8 200
YEAR STRUCTURE BUILT												
1969 to March 1970	847	138	50	77	70	59	44	201	148	40	20	6 700
1960 to 1968	7 812	1 513	624	577	606	504	600	1 759	1 127	418	84	6 100
1950 to 1959	4 992	778	440	429	354	415	430	1 085	1 295	216	50	6 200
1949 or earlier	10 867	2 204	1 215	923	807	957	882	2 249	1 188	355	87	5 300
YEAR MOVED INTO UNIT												
1969 to March 1970	15 204	2 987	1 491	1 340	1 191	1 303	1 192	3 231	1 875	517	77	5 500
1968	3 459	623	279	247	276	239	272	872	483	145	23	6 200
1960 to 1967	4 654	696	452	247	394	292	432	1 025	688	338	90	6 600
1959 or earlier	1 201	315	123	112	46	88	112	197	138	56	14	5 100
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	23 575	4 520	2 251	1 926	1 801	1 878	1 828	5 045	3 115	981	230	5 700
Less than 15 percent	4 739	5	4	31	97	199	227	1 386	1 706	863	221	11 200
15 to 19 percent	4 108	13	52	97	117	368	504	1 820	1 045	92	—	8 500
20 to 24 percent	3 065	38	161	151	313	475	473	1 211	239	4	—	6 800
25 to 34 percent	3 440	165	358	569	704	667	509	435	33	—	—	4 900
35 percent or more	6 933	3 725	1 533	995	485	127	45	20	3	—	—	2000—
Not computed	1 290	574	143	83	85	42	70	173	89	22	9	2 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	12 486	1 513	759	803	771	1 034	1 219	3 083	2 422	651	231	7 100
Clothes dryer	11 483	1 317	589	790	618	858	1 190	2 846	2 380	664	231	7 400
Dishwasher	4 114	252	297	240	205	195	262	941	1 010	483	229	8 900
Home food freezer	4 939	453	295	353	322	285	334	1 301	1 098	324	175	8 000
Owned second home	728	245	61	79	39	—	—	140	122	19	—	3 700
With air conditioning	1 158	236	130	109	74	84	52	214	160	84	15	5 400
Room unit(s)	822	123	87	63	53	79	45	162	137	65	8	6 100
Central system	336	113	43	46	21	5	7	52	23	19	7	3 300
Automobiles available:												
1	13 640	2 039	1 345	1 261	1 244	1 318	1 310	3 134	1 485	413	91	5 700
2	5 965	476	271	270	343	405	508	1 748	1 355	513	76	8 200
3 or more	1 271	199	91	113	53	119	60	230	252	124	30	7 000

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

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

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

The SMSA	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	43 739	43 224	22 739	18 494	1 664	327	515	246	191	37	41
PERSONS											
1 person	4 611	4 427	4 317	110	-	-	184	155	29	-	-
2 persons	14 335	14 190	12 941	1 215	-	34	145	83	45	-	17
3 persons	7 191	7 111	3 841	3 225	35	10	80	8	68	4	-
4 persons	8 003	7 982	1 226	6 662	74	20	21	-	15	-	6
5 persons	5 183	5 140	414	4 428	264	34	43	-	29	9	5
6 persons or more	4 416	4 374	-	2 854	1 291	229	42	-	5	24	13
Median	2.9	2.9	2.0	4.2	6.2	7.0	2.0	1.3	2.8	...	...
Units with roomers, boarders, or lodgers	728	724	364	276	79	5	4	-	4	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	1 664	1 658	743	786	129	-	6	6	-	-	-
1965 to 1968	6 036	6 000	2 757	3 036	187	20	36	6	21	9	-
1960 to 1964	8 158	8 124	3 765	4 039	241	79	34	13	13	-	8
1950 to 1959	12 481	12 350	6 475	5 239	532	104	131	69	47	7	8
1940 to 1949	7 710	7 610	4 315	2 938	286	71	100	38	39	6	17
1939 or earlier	7 690	7 505	4 819	2 393	244	49	185	101	45	33	6
INCOME IN 1969											
Less than \$2,000	3 299	3 147	2 549	549	35	14	152	105	41	-	6
\$2,000 to \$2,999	1 998	1 968	1 530	387	41	10	30	15	15	-	-
\$3,000 to \$3,999	1 851	1 800	1 450	335	9	6	51	22	17	-	12
\$4,000 to \$4,999	1 773	1 735	1 334	343	46	12	38	18	15	5	-
\$5,000 to \$5,999	2 032	1 988	1 290	633	42	23	44	13	14	5	5
\$6,000 to \$6,999	2 595	2 560	1 433	977	125	25	35	10	14	4	7
\$7,000 to \$9,999	9 481	9 390	4 106	4 734	463	87	91	31	43	12	5
\$10,000 to \$14,999	12 587	12 524	5 185	6 638	602	99	63	27	25	11	-
\$15,000 to \$24,999	6 457	6 451	3 061	3 086	267	37	6	-	-	-	6
\$25,000 or more	1 666	1 661	801	612	34	14	5	5	-	-	-
Median	\$9 600	\$9 700	\$8 300	\$11 000	\$10 600	\$9 500	\$4 600	\$3 100	\$5 400	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	35 542	35 212	18 523	15 160	1 323	206	330	164	127	17	22
Less than 1.5	13 862	13 741	5 835	6 939	828	139	121	23	76	17	5
1.5 to 1.9	7 645	7 591	3 434	3 871	252	34	54	33	10	-	11
2.0 to 2.4	4 606	4 576	2 322	2 130	111	13	30	24	-	-	6
2.5 to 2.9	2 322	2 286	1 409	813	59	5	36	23	13	-	-
3.0 to 3.9	2 446	2 420	1 733	658	29	-	26	16	10	-	-
4.0 or more	4 363	4 310	3 566	685	44	15	53	39	14	-	-
Not computed	298	288	224	64	-	-	10	6	4	-	-
HEATING EQUIPMENT											
Steam or hot water	885	885	527	346	12	-	-	-	-	-	-
Warm-air furnace	10 725	10 691	5 787	4 460	371	73	34	16	13	5	-
Built-in electric units	20 003	19 927	10 136	9 094	645	52	76	35	37	4	-
Floor, wall, or pipeless furnace	2 593	2 583	1 317	1 124	97	45	10	5	5	-	-
Other means	9 496	9 112	4 956	3 460	539	157	384	184	131	28	41
None	37	26	16	10	-	-	11	6	5	-	-
Renter occupied housing units	24 518	23 961	11 218	11 089	1 291	363	557	244	268	10	35
PERSONS											
1 person	6 116	5 714	5 272	442	-	-	402	198	204	-	-
2 persons	7 858	7 764	5 060	2 613	-	91	94	41	32	-	21
3 persons	4 206	4 173	714	3 385	71	3	33	-	23	10	-
4 persons	3 099	3 078	1 02	2 798	149	29	21	5	9	-	7
5 persons	1 770	1 763	70	1 295	348	50	7	-	-	-	7
6 persons or more	1 469	1 469	-	556	723	190	-	-	-	-	-
Median	2.3	2.3	1.6	3.2	5.7	6.0	1.2	1.1	1.2	...	...
Units with roomers, boarders, or lodgers	1 471	1 471	462	920	47	42	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	826	826	486	299	41	-	-	-	-	-	-
1965 to 1968	3 705	3 684	1 906	1 656	69	53	21	21	-	-	-
1960 to 1964	4 026	3 984	1 744	1 950	228	62	42	29	13	-	-
1950 to 1959	5 042	4 927	2 161	2 357	329	80	115	52	50	13	-
1940 to 1949	4 886	4 804	2 027	2 353	351	73	82	56	26	-	-
1939 or earlier	6 033	5 698	2 958	2 336	270	134	335	115	199	-	21
INCOME IN 1969											
Less than \$2,000	4 633	4 406	2 654	1 570	119	63	227	117	94	-	16
\$2,000 to \$2,999	2 329	2 219	1 286	831	71	31	110	51	54	5	-
\$3,000 to \$3,999	2 006	1 939	974	847	83	35	67	15	38	-	14
\$4,000 to \$4,999	1 837	1 800	954	726	102	18	37	10	27	-	-
\$5,000 to \$5,999	1 935	1 910	819	930	139	22	25	13	7	-	5
\$6,000 to \$6,999	1 956	1 928	776	959	149	44	28	6	17	5	-
\$7,000 to \$9,999	5 294	5 252	1 965	2 874	348	65	42	16	26	-	-
\$10,000 to \$14,999	3 258	3 243	1 183	1 814	191	55	15	10	5	-	-
\$15,000 to \$24,999	1 029	1 023	452	452	89	30	6	6	-	-	-
\$25,000 or more	241	241	155	86	-	-	-	-	-	-	-
Median	\$5 800	\$5 800	\$4 700	\$6 700	\$6 900	\$6 300	\$2 500	\$2 100	\$2 700	...	...
LOSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	23 575	23 055	10 875	10 646	1 207	327	520	212	263	10	35
Less than 10 percent	1 342	1 296	570	611	78	37	46	15	31	-	-
10 to 14 percent	3 397	3 352	1 353	1 729	196	74	45	13	24	-	8
15 to 19 percent	4 108	4 074	1 508	2 286	244	36	34	5	25	-	4
20 to 24 percent	3 065	3 013	1 293	1 429	265	26	52	16	29	-	7
25 to 34 percent	3 440	3 363	1 670	1 468	188	37	77	30	42	5	-
35 percent or more	6 933	6 787	3 775	2 709	212	91	146	55	80	-	11
Not computed	1 290	1 170	706	414	24	26	120	78	32	5	5
HEATING EQUIPMENT											
Steam or hot water	1 230	1 163	813	317	11	22	67	-	53	-	14
Warm-air furnace	2 571	2 501	1 299	1 069	119	14	70	15	55	-	-
Built-in electric units	12 657	12 551	5 912	5 988	552	99	106	47	43	5	11
Floor, wall, or pipeless furnace	1 287	1 273	527	674	53	19	14	-	9	-	5
Other means	6 721	6 426	2 635	3 026	556	209	295	182	103	5	5
None	52	47	32	15	-	-	5	-	5	-	-

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

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

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

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	43 739	200	655	2 011	7 132	11 595	11 325	5 781	5 040	5.5
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	42 866	152	525	1 814	6 853	11 395	11 303	5 870	4 954	5.6
PERSONS										
1 person	4 611	139	313	625	1 387	1 159	590	274	124	4.4
2 persons	14 335	51	260	1 000	3 511	4 388	3 184	1 233	708	5.0
3 persons	7 191	10	39	224	1 083	1 986	2 273	951	625	5.6
4 persons	8 003	-	26	74	679	2 059	2 560	1 379	1 226	6.0
5 persons	5 183	-	11	28	273	1 196	1 579	1 082	1 014	6.2
6 persons or more	4 416	-	6	60	199	807	1 139	862	1 343	6.5
Median	2.9	1.2	1.6	1.9	2.1	2.6	3.3	3.8	4.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	43 224	154	610	1 925	6 965	11 523	11 241	5 771	5 035	5.5
0.50 or less	22 739	-	283	1 590	4 816	5 513	5 997	2 448	3 092	5.5
0.51 to 1.00	18 494	110	253	1 184	1 698	5 212	4 906	3 227	1 902	5.7
1.01 to 1.50	1 664	-	35	74	361	732	334	87	41	5.0
1.51 or more	327	44	37	77	90	66	9	-	-	3.6
Lacking some or all plumbing facilities	515	46	45	86	167	72	84	10	5	4.0
0.50 or less	246	-	30	35	82	34	50	10	5	4.2
0.51 to 1.00	191	29	5	40	64	29	24	-	-	3.8
1.01 to 1.50	37	-	4	-	14	9	10	-	-	...
1.51 or more	41	17	-	11	7	-	-	-	-	...
BEDROOMS										
None and 1	2 884	205	652	1 272	566	115	54	-	20	3.0
2	13 770	-	-	889	6 392	4 938	1 251	204	96	4.4
3	19 776	-	-	-	245	6 594	8 506	2 998	1 433	5.9
4 or more	7 335	-	-	-	-	145	1 282	2 108	3 800	7.5
YEAR STRUCTURE BUILT										
1969 to March 1970	1 740	4	30	68	280	410	439	258	251	5.7
1960 to 1968	14 302	88	192	676	1 742	3 548	4 086	2 006	1 964	5.7
1950 to 1959	12 307	63	272	566	2 131	3 479	3 181	1 534	1 081	5.4
1949 or earlier	15 390	45	161	701	2 979	4 158	3 619	1 983	1 744	5.4
COMPLETE BATHROOMS										
1 and 1 1/2	33 970	152	520	1 738	6 561	10 284	9 023	3 725	1 967	5.3
2 or more	8 952	-	17	82	315	1 111	2 287	2 153	2 987	6.8
None or also used by another household	817	49	90	116	243	126	151	26	16	4.1
VALUE-INCOME RATIO										
Specified owner occupied¹	35 542	40	164	902	4 889	9 899	10 181	5 100	4 367	5.7
Less than 1.5	13 862	8	71	346	1 956	4 172	4 110	1 875	1 324	5.6
1.5 to 1.9	7 645	16	9	95	720	2 031	2 410	1 284	1 080	5.9
2.0 to 2.9	6 928	6	5	144	753	1 678	2 030	1 138	1 174	5.9
3.0 or more	6 809	6	79	275	1 398	1 934	1 602	749	766	5.4
Not computed	298	4	-	42	62	84	29	54	23	5.0
Renter occupied housing units	24 518	783	1 946	5 074	7 751	4 837	2 525	1 023	579	4.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	23 302	440	1 628	4 736	7 621	4 780	2 537	1 019	541	4.1
PERSONS										
1 person	6 116	646	1 262	2 206	1 379	339	193	52	39	3.0
2 persons	7 858	112	557	2 088	3 078	1 447	461	89	26	3.9
3 persons	4 206	3	81	566	1 756	1 086	451	191	72	4.3
4 persons	3 099	22	14	149	1 000	925	652	230	107	4.9
5 persons	1 770	-	18	39	348	558	406	242	159	5.4
6 persons or more	1 469	-	14	26	190	482	362	219	176	5.6
Median	2.3	1.1	1.3	1.7	2.3	3.1	3.7	4.3	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	23 961	551	1 833	4 990	7 656	4 824	2 514	1 023	570	4.1
0.50 or less	11 218	-	1 159	2 161	4 381	1 786	1 094	332	305	4.0
0.51 to 1.00	11 089	442	557	2 622	2 737	2 556	1 285	636	254	4.2
1.01 to 1.50	1 291	-	71	149	467	427	129	37	11	4.4
1.51 or more	363	109	46	58	71	55	6	18	-	3.0
Lacking some or all plumbing facilities	557	232	113	84	95	13	11	-	9	1.9
0.50 or less	244	-	103	45	76	-	11	-	9	2.9
0.51 to 1.00	268	204	-	32	19	13	-	-	-	1.2
1.01 to 1.50	10	-	10	-	-	-	-	-	-	...
1.51 or more	35	28	-	7	-	-	-	-	-	...
BEDROOMS										
None	1 196	842	310	44	-	-	-	-	-	1.2
1	7 274	-	1 641	4 652	836	123	22	-	-	2.9
2	9 970	-	-	602	6 498	2 276	558	36	-	4.2
3 or more	6 167	-	-	-	85	2 420	2 029	999	634	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	847	26	84	188	294	150	65	32	8	3.9
1960 to 1968	7 812	201	678	1 782	2 834	1 426	672	146	70	3.9
1950 to 1959	4 992	125	366	838	1 722	1 091	528	199	123	4.2
1949 or earlier	10 867	431	818	2 266	2 901	2 170	1 260	643	378	4.2
COMPLETE BATHROOMS										
1 and 1 1/2	22 659	496	1 694	4 731	7 574	4 627	2 374	828	335	4.1
2 or more	863	12	-	35	82	165	172	191	206	6.3
None or also used by another household	996	259	240	192	221	50	7	-	27	2.5
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	23 573	774	1 928	5 009	7 578	4 578	2 261	942	505	4.0
Less than 10 percent	1 342	79	85	303	377	1 110	215	45	38	4.0
10 to 14 percent	3 397	75	160	663	1 110	806	389	95	99	4.2
15 to 19 percent	4 108	69	165	635	1 383	962	552	238	104	4.4
20 to 24 percent	3 065	62	224	498	1 120	638	308	163	52	4.2
25 to 34 percent	3 440	106	299	727	1 088	705	333	108	74	4.0
35 percent or more	6 933	332	879	1 956	2 106	1 007	375	191	87	3.6
Not computed	1 290	51	116	227	394	245	104	102	51	4.1

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

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

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	43 739	39 073	1 117	3 549	24 518	13 424	2 406	1 428	2 040	2 133	2 561	526
ROOMS												
1 room	200	53	67	80	783	139	29	76	141	169	202	27
2 rooms	655	205	51	399	1 946	486	145	171	315	341	376	112
3 rooms	2 011	1 046	114	851	5 074	1 461	449	514	836	703	977	134
4 rooms	7 132	5 356	348	1 428	7 751	3 789	1 065	541	624	755	791	186
5 rooms	11 595	10 710	276	609	4 837	3 747	518	98	91	142	191	50
6 rooms	11 325	11 033	152	140	2 525	2 322	113	14	22	16	21	17
7 rooms	5 781	5 707	42	32	1 023	935	61	9	11	7	-	-
8 rooms or more	5 040	4 963	67	10	579	545	26	5	-	-	3	-
Median	3.5	3.7	4.4	3.8	4.1	4.7	4.0	3.4	3.2	3.3	3.2	3.4
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	43 224	38 645	1 097	3 482	23 961	13 213	2 387	1 394	1 923	2 028	2 521	495
0.50 or less	22 739	20 384	697	1 658	11 218	5 439	1 222	687	980	1 069	1 547	274
0.51 to 1.00	18 494	16 576	372	1 546	11 089	6 529	1 071	617	889	881	922	180
1.01 to 1.50	1 664	1 453	17	194	1 291	1 009	73	61	38	45	29	36
1.51 or more	327	232	11	84	363	236	21	29	16	33	23	5
Lacking some or all plumbing facilities	515	428	20	67	557	211	19	34	117	105	40	31
0.50 or less	246	209	10	27	244	119	11	19	43	26	12	14
0.51 to 1.00	191	152	10	29	268	71	8	10	63	76	23	17
1.01 to 1.50	37	32	-	5	10	10	-	-	-	-	-	-
1.51 or more	41	35	-	6	35	11	-	5	11	3	5	-
BEDROOMS												
None	284	111	44	129	1 196	310	42	66	204	240	334	-
1	2 600	1 779	289	532	7 274	2 234	619	499	944	1 327	1 440	211
2	13 770	11 190	497	2 083	9 970	5 531	1 313	604	750	802	784	166
3	19 776	19 009	166	601	4 436	3 927	328	38	-	19	96	28
4 or more	7 335	7 217	100	18	1 731	1 571	139	-	21	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	1 740	1 257	42	441	847	184	111	71	70	187	187	37
1965 to 1968	6 237	4 938	217	1 082	3 831	970	479	167	310	677	1 132	96
1960 to 1964	8 065	6 869	213	983	3 981	1 622	599	222	332	502	612	92
1950 to 1959	12 307	11 251	183	873	4 992	3 339	427	219	279	244	266	218
1940 to 1949	7 744	7 505	132	107	4 850	3 428	346	268	462	174	118	54
1939 or earlier	7 646	7 253	330	63	6 017	3 881	444	481	587	349	246	29
INCOME IN 1969												
Less than \$2,000	3 299	2 738	133	428	4 633	1 794	343	350	597	609	834	106
\$2,000 to \$2,999	1 998	1 635	118	245	2 329	1 066	202	175	269	250	277	90
\$3,000 to \$3,999	1 851	1 496	77	278	2 006	895	186	151	206	192	317	59
\$4,000 to \$4,999	1 773	1 449	86	238	1 837	937	116	131	194	168	223	68
\$5,000 to \$5,999	2 032	1 704	94	234	1 935	1 081	211	149	140	153	156	45
\$6,000 to \$6,999	2 595	2 179	91	325	1 956	1 264	201	84	110	117	126	54
\$7,000 to \$9,999	9 481	8 469	158	854	5 294	3 319	611	220	353	362	348	81
\$10,000 to \$14,999	12 587	11 663	205	719	3 258	2 210	406	132	122	178	193	17
\$15,000 to \$24,999	6 457	6 114	140	203	1 029	690	100	36	39	95	63	6
\$25,000 or more	1 666	1 626	15	25	241	168	30	-	10	9	24	-
Median	\$9 600	\$10 000	\$6 600	\$7 100	\$5 800	\$6 700	\$6 700	\$4 300	\$3 700	\$4 100	\$3 500	\$4 100
YEAR MOVED INTO UNIT												
1969 to March 1970	6 659	5 373	190	1 096	15 204	7 742	1 594	1 038	1 434	1 526	1 529	341
1968	3 981	3 360	109	512	3 459	1 960	247	192	258	247	497	58
1967	3 268	2 732	134	402	1 807	1 105	222	79	97	91	157	56
1965 and 1966	5 978	5 206	126	646	1 648	1 047	135	81	88	83	185	29
1960 to 1964	10 019	9 059	234	726	1 199	698	129	67	98	74	115	18
1950 to 1959	8 956	8 616	205	135	782	550	50	27	59	23	39	34
1949 or earlier	4 878	4 713	132	33	419	324	8	26	32	-	14	15
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	23 575	12 481	2 406	1 428	2 040	2 133	2 561	526
Less than \$50 .....	...	...	...	...	1 014	332	48	31	110	99	310	84
\$50 to \$59 .....	...	...	...	...	1 000	370	53	143	216	102	87	29
\$60 to \$69 .....	...	...	...	...	1 040	539	82	91	160	66	67	35
\$70 to \$79 .....	...	...	...	...	1 462	806	168	156	164	54	69	45
\$80 to \$99 .....	...	...	...	...	3 947	2 132	285	447	448	251	277	107
\$100 to \$119 .....	...	...	...	...	4 440	2 514	415	277	327	365	478	64
\$120 to \$149 .....	...	...	...	...	5 626	2 706	746	180	399	772	781	42
\$150 to \$199 .....	...	...	...	...	3 410	1 865	495	92	183	384	386	5
\$200 to \$299 .....	...	...	...	...	658	468	69	5	11	34	63	8
\$300 or more .....	...	...	...	...	38	19	-	-	6	-	13	-
No cash rent .....	...	...	...	...	940	730	45	6	16	6	30	107
Median .....	...	...	...	...	\$113	\$113	\$125	\$94	\$96	\$125	\$119	\$83
HEATING EQUIPMENT												
Steam or hot water	885	814	71	-	1 230	180	53	71	156	226	544	-
Warm-air furnace	10 725	8 503	327	1 895	2 571	1 494	279	125	238	92	178	165
Built-in electric units	20 003	18 750	534	719	12 657	5 352	1 620	860	1 290	1 660	1 749	126
Floor, wall, or pipeless furnace	2 593	2 440	35	118	1 287	1 005	115	65	47	16	29	10
Other means	9 496	8 539	150	807	6 721	5 363	333	301	304	134	61	225
None	37	27	-	10	52	30	6	6	5	5	-	-
AIR CONDITIONING												
Room unit(s)	2 284	1 749	107	428	822	312	74	71	50	45	211	59
Central system	910	515	24	371	336	109	21	23	31	13	111	28
None	40 545	36 795	999	2 751	23 360	13 005	2 290	1 416	1 985	1 986	2 214	464
AUTOMOBILES AVAILABLE												
1	18 807	16 235	557	2 015	13 640	7 150	1 339	988	1 272	1 185	1 371	335
2	17 923	16 515	344	1 064	5 965	3 991	701	235	223	334	356	125
3 or more	4 561	4 285	69	207	1 271	932	96	34	53	68	78	10
None	2 448	2 024	160	264	3 642	1 353	249	253	518	457	731	81

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

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

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

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	43 739	892	6 304	8 132	15 366	5 063	910	181	1 820	460	2 024	2 587
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	43 224	877	6 273	8 107	15 244	4 970	895	177	1 799	455	1 936	2 491
0.50 or less	22 739	367	1 436	1 570	8 973	4 078	403	137	1 103	355	1 884	2 433
0.51 to 1.00	18 494	484	4 248	5 731	5 866	854	443	40	618	100	52	58
1.01 to 1.50	1 664	21	522	691	315	22	25	-	68	-	-	-
1.51 or more	327	5	67	115	90	16	15	4	21	5	88	94
Lacking some or all plumbing facilities	515	15	31	25	122	93	38	5	-	-	68	87
0.50 or less	246	-	9	-	39	38	5	4	17	5	20	9
0.51 to 1.00	191	10	16	4	65	37	4	4	4	-	-	-
1.01 to 1.50	37	5	-	14	8	6	-	-	-	-	-	-
1.51 or more	41	-	6	7	10	12	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	39 073	655	5 742	7 715	14 014	4 373	808	144	1 646	428	1 498	2 050
2 or more	1 117	11	98	97	289	210	21	14	32	14	107	224
Mobile home or trailer	3 549	226	464	320	1 063	480	81	23	142	18	419	313
INCOME IN 1969												
Less than \$2,000	3 299	17	95	125	273	459	80	19	284	114	440	1 393
\$2,000 to \$2,999	1 998	40	45	45	231	689	21	48	183	64	153	479
\$3,000 to \$3,999	1 851	47	56	37	194	834	32	35	131	71	210	204
\$4,000 to \$4,999	1 773	67	43	59	358	643	28	18	170	29	223	135
\$5,000 to \$5,999	2 032	96	217	148	553	495	51	4	196	20	158	94
\$6,000 to \$6,999	2 595	118	372	312	925	389	36	19	144	11	170	99
\$7,000 to \$9,999	9 481	320	2 136	1 835	3 314	681	268	15	327	81	404	100
\$10,000 to \$14,999	12 587	150	2 464	3 367	5 298	509	272	11	235	22	190	69
\$15,000 to \$24,999	6 457	27	699	1 702	3 422	281	88	12	118	38	61	5
\$25,000 or more	1 666	10	177	502	798	83	34	7	32	10	15	9
Median	\$9 600	\$7 600	\$10 400	\$12 200	\$11 700	\$4 900	\$9 300	\$3 700	\$5 700	\$3 700	\$4 900	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	35 542	635	5 484	7 066	12 540	3 870	689	128	1 509	397	1 382	1 842
Less than 1.5	13 862	177	2 169	3 176	6 591	684	257	23	352	67	285	81
1.5 to 1.9	7 645	180	1 598	1 963	2 785	528	103	5	144	52	180	107
2.0 to 2.4	4 606	106	999	985	1 455	467	129	4	180	47	166	68
2.5 to 2.9	2 322	63	334	280	570	613	70	30	191	34	134	122
3.0 to 3.9	2 446	69	192	280	570	613	70	30	191	34	162	235
4.0 or more	4 363	40	170	246	558	1 058	72	56	461	156	375	1 171
Not computed	298	-	22	18	48	9	10	-	48	5	80	58
Renter occupied housing units	24 518	3 251	5 185	1 996	2 179	848	1 896	47	2 816	184	4 241	1 875
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	23 961	3 221	5 159	1 984	2 154	839	1 871	47	2 788	184	3 969	1 745
0.50 or less	11 218	1 153	1 216	269	997	566	765	24	816	140	3 638	1 634
0.51 to 1.00	11 089	1 977	3 298	1 258	1 025	260	990	23	1 781	35	331	111
1.01 to 1.50	1 291	87	522	374	106	5	51	-	146	-	-	-
1.51 or more	363	4	123	83	26	8	65	-	45	9	-	-
Lacking some or all plumbing facilities	537	30	26	12	25	9	25	-	28	-	272	130
0.50 or less	244	6	-	8	11	5	11	-	5	-	119	79
0.51 to 1.00	268	14	16	4	9	4	5	-	12	-	153	51
1.01 to 1.50	10	10	-	-	-	-	-	-	11	-	-	-
1.51 or more	35	-	10	-	5	-	9	-	-	-	-	-
UNITS IN STRUCTURE												
1	13 424	1 768	3 491	1 684	1 569	517	901	22	1 396	72	1 327	677
2 to 4	3 834	584	923	184	245	103	266	4	447	27	804	247
5 to 19	4 173	543	545	62	158	80	485	11	607	36	1 359	287
20 or more	2 561	290	178	45	127	116	223	10	324	39	599	610
Mobile home or trailer	526	66	48	21	80	32	21	-	42	10	152	54
GROSS RENT												
Specified renter occupied ²	23 575	3 152	4 972	1 828	2 013	803	1 852	42	2 745	175	4 163	1 830
Less than \$50	1 014	22	44	21	43	108	15	-	47	13	298	403
\$50 to \$59	1 000	65	193	24	71	51	34	8	70	18	265	201
\$60 to \$69	1 040	77	131	41	45	73	16	-	123	10	378	146
\$70 to \$79	1 462	158	168	58	97	47	71	-	236	13	473	141
\$80 to \$99	3 947	655	757	230	277	116	249	5	473	27	882	276
\$100 to \$119	4 440	918	980	320	287	106	337	8	510	32	757	185
\$120 to \$149	5 626	939	1 467	479	444	107	508	11	739	17	707	208
\$150 to \$199	3 410	264	979	480	436	68	455	-	424	17	219	68
\$200 to \$299	658	22	156	109	97	10	101	10	84	-	51	18
\$300 or more	38	-	-	4	9	13	12	-	-	-	-	-
No cash rent	940	32	97	62	207	104	54	-	39	28	133	184
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	23 575	3 152	4 972	1 828	2 013	803	1 852	42	2 745	175	4 163	1 830
Less than \$5,000	10 498	1 162	778	108	359	457	1 232	32	2 037	115	2 601	1 617
Less than 20 percent	416	37	50	-	30	45	4	4	47	-	138	61
20 to 24 percent	663	83	61	5	41	78	33	-	69	18	192	83
25 to 34 percent	1 794	332	218	9	81	124	91	-	232	5	507	197
35 percent or more	6 738	671	415	72	136	135	982	28	1 567	66	1 595	1 071
Not computed	885	39	34	22	71	75	122	-	122	26	169	205
\$5,000 to \$9,999	8 751	1 636	2 688	848	815	242	453	-	219	31	732	61
Less than 20 percent	4 504	885	1 408	443	453	118	154	-	164	12	260	39
20 to 24 percent	2 159	441	712	219	181	46	80	-	167	7	194	43
25 to 34 percent	1 611	279	465	140	95	36	185	-	27	3	25	6
35 percent or more	192	26	43	10	4	14	29	-	9	4	37	19
Not computed	285	5	60	36	82	28	131	-	101	3	228	23
\$10,000 to \$14,999	3 115	305	1 234	588	430	72	364	-	84	-	208	23
Less than 20 percent	2 751	293	1 108	502	364	55	11	-	17	-	20	-
20 to 24 percent	239	12	88	70	21	-	6	-	-	-	-	-
25 percent or more	36	-	9	-	4	-	-	-	-	-	3	-
Not computed	89	-	29	16	41	-	-	-	21	-	86	22
\$15,000 or more	1 211	49	272	284	409	32	36	-	21	-	86	22
Less than 20 percent	1 176	44	272	280	388	27	-	-	-	-	-	-
20 to 24 percent	4	-	-	4	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	31	5	-	-	21	5	-	-	-	-	-	-

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

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

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units -----	43 739	4 611	14 335	7 191	8 003	5 183	2 829	1 091	496	2.9
BEDROOMS										
None and 1 -----	2 884	1 174	1 258	253	124	18	38	-	19	1.7
2 -----	13 770	2 413	6 945	2 423	1 079	460	334	49	67	2.1
3 -----	19 776	811	4 804	3 994	5 347	3 068	1 253	423	76	3.6
4 or more -----	7 335	234	963	813	1 290	1 603	1 430	685	317	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	1 740	93	512	275	410	254	87	81	28	3.5
1965 to 1968 -----	6 237	380	1 733	1 065	1 469	861	497	169	63	3.4
1960 to 1964 -----	8 065	525	2 233	1 356	1 932	1 159	556	201	103	3.4
1950 to 1959 -----	12 307	1 332	4 037	2 159	2 207	1 498	733	232	109	2.9
1940 to 1949 -----	7 744	954	2 845	1 281	1 118	761	496	203	86	2.6
1939 or earlier -----	7 646	1 327	2 975	1 055	867	650	460	205	107	2.3
UNITS IN STRUCTURE										
1 -----	39 073	3 548	12 300	6 502	7 502	4 986	2 726	1 026	483	3.1
2 or more -----	1 117	331	436	161	127	37	15	10	-	2.0
Mobile home or trailer -----	3 549	732	1 599	528	374	160	88	55	13	2.2
COMPLETE BATHROOMS										
1 and 1 1/2 -----	33 970	4 042	11 853	5 671	5 856	3 642	1 861	717	328	2.7
2 and 2 1/2 -----	8 094	301	2 079	1 378	1 859	1 371	702	267	137	3.7
3 or more -----	858	32	149	51	264	105	178	64	15	4.2
None or also used by another household -----	817	236	293	74	45	80	41	29	19	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households -----	39 128	...	14 335	7 191	8 003	5 183	2 829	1 091	496	3.1
Male head, wife present, no nonrelatives -----	35 757	...	12 704	6 412	7 532	4 936	2 670	1 058	445	3.3
Under 25 years -----	892	...	335	276	211	53	12	5	5	2.9
25 to 34 years -----	6 304	...	634	1 024	2 288	1 452	634	208	64	4.2
35 to 44 years -----	8 132	...	566	808	2 383	2 160	1 418	577	220	4.6
45 to 64 years -----	15 366	...	6 793	3 844	2 518	1 226	590	249	146	2.7
65 years and over -----	5 063	...	4 376	460	132	45	16	24	10	2.1
Other male head -----	1 091	...	496	230	170	74	82	9	30	3.0
Under 65 years -----	910	...	348	201	166	74	82	9	30	2.1
65 years and over -----	181	...	148	29	4	-	-	-	21	2.5
Female head -----	2 280	...	1 135	549	301	173	77	24	21	2.7
Under 65 years -----	1 820	...	830	447	275	151	72	24	21	2.3
65 years and over -----	460	...	305	102	26	22	5	-	-	1.0
One-person households -----	4 611	4 611	...	...	...	...	...	...	...	...
VALUE-INCOME RATIO										
Specified owner occupied¹ -----	35 542	3 224	11 113	5 950	6 870	4 567	2 468	925	425	3.1
Less than 1.5 -----	13 862	366	3 830	2 832	3 005	2 012	1 156	447	214	3.5
1.5 to 1.9 -----	7 645	287	2 061	1 336	1 835	1 191	622	206	107	3.6
2.0 to 2.4 -----	4 606	234	1 349	749	1 044	717	366	123	24	3.5
2.5 to 2.9 -----	2 322	256	904	312	390	240	130	47	43	2.5
3.0 to 3.9 -----	2 446	397	1 094	326	260	218	92	54	5	2.3
4.0 or more -----	4 363	1 546	1 782	386	290	181	98	48	32	1.9
Not computed -----	298	138	93	9	46	8	4	-	-	1.6
Renter occupied housing units -----	24 518	6 116	7 858	4 206	3 099	1 770	820	423	226	2.3
BEDROOMS										
None -----	1 196	892	198	40	48	18	-	-	-	1.2
1 -----	7 274	3 495	3 070	492	162	38	-	17	-	1.5
2 -----	9 970	1 437	3 860	2 398	1 583	525	119	27	21	2.4
3 or more -----	6 167	350	1 008	1 126	1 458	1 190	605	343	87	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970 -----	847	231	375	106	90	13	15	4	13	2.0
1965 to 1968 -----	3 831	1 036	1 482	669	336	212	57	27	12	2.1
1960 to 1964 -----	3 981	848	1 403	767	512	315	89	42	5	2.3
1950 to 1959 -----	4 992	1 084	1 455	961	725	400	190	139	38	2.5
1940 to 1949 -----	4 850	1 067	1 361	877	752	404	233	97	59	2.5
1939 or earlier -----	6 017	1 850	1 782	826	684	426	236	114	99	2.2
UNITS IN STRUCTURE										
1 -----	13 424	2 004	3 646	2 535	2 351	1 503	777	390	218	2.9
2 -----	2 406	561	884	483	307	137	11	15	8	2.2
3 and 4 -----	1 428	490	551	214	124	38	4	7	-	1.9
5 to 9 -----	2 040	801	823	276	99	24	12	5	-	1.6
10 to 19 -----	2 133	845	847	312	95	28	6	-	-	1.8
20 or more -----	2 561	1 209	934	299	89	19	5	6	-	1.6
Mobile home or trailer -----	526	206	173	87	34	21	5	-	-	1.8
COMPLETE BATHROOMS										
1 and 1 1/2 -----	22 659	5 455	7 376	4 015	2 834	1 606	789	380	204	2.3
2 or more -----	863	73	231	119	184	121	56	36	43	3.5
None or also used by another household -----	996	606	190	100	52	21	-	6	21	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households -----	18 402	...	7 858	4 206	3 099	1 770	820	423	226	2.8
Male head, wife present, no nonrelatives -----	13 459	...	5 331	2 959	2 359	1 534	697	369	210	3.0
Under 25 years -----	3 251	...	1 868	983	278	102	15	5	5	2.4
25 to 34 years -----	5 185	...	1 464	1 186	1 325	751	284	119	56	3.5
35 to 44 years -----	1 996	...	219	228	460	470	327	176	116	4.7
45 to 64 years -----	2 179	...	1 007	531	271	197	66	69	38	2.7
65 years and over -----	848	...	773	31	25	14	5	11	5	2.0
Other male head -----	1 943	...	1 121	419	262	78	47	11	5	2.4
Under 65 years -----	1 896	...	1 082	419	254	78	47	11	5	2.4
65 years and over -----	47	...	39	-	8	-	-	-	-	...
Female head -----	3 000	...	1 406	828	478	158	76	43	11	2.6
Under 65 years -----	2 816	...	1 247	807	478	158	72	43	11	2.7
65 years and over -----	184	...	159	21	-	-	4	-	-	2.1
One-person households -----	6 116	6 116	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied² -----	23 573	5 993	7 630	4 054	2 954	1 640	741	373	190	2.3
Less than 10 percent -----	1 342	277	444	222	231	75	46	36	11	2.4
10 to 14 percent -----	3 397	490	1 275	554	548	287	126	87	30	2.4
15 to 19 percent -----	4 108	564	1 213	856	727	456	185	62	45	2.8
20 to 24 percent -----	3 065	594	1 255	576	398	303	133	94	12	2.5
25 to 34 percent -----	3 440	941	1 083	608	386	210	118	48	44	2.2
35 percent or more -----	6 933	2 697	2 205	1 052	560	233	97	46	43	1.8
Not computed -----	1 290	430	455	186	102	76	36	-	5	2.0

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

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

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

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	404	147	167	90	Vacant for rent	1 311	798	362	151
ROOMS					ROOMS				
1 to 3 rooms	7	3	4	—	1 room	69	26	23	20
4 rooms	63	19	37	7	2 rooms	146	87	34	25
5 rooms	133	50	59	24	3 rooms	329	203	85	41
6 rooms	105	64	33	8	4 rooms	402	262	106	34
7 rooms or more	96	11	34	51	5 rooms	217	143	58	16
PLUMBING FACILITIES					6 rooms	92	39	43	10
With all plumbing facilities	391	147	163	81	7 rooms or more	56	38	13	5
Lacking some or all plumbing facilities	13	—	4	9	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities	1 255	761	343	151
None and 1	15	15	—	—	Lacking some or all plumbing facilities	56	37	19	—
2	100	34	51	15	BEDROOMS				
3	172	72	33	67	None	66	29	21	16
4 or more	97	47	34	16	1	432	258	109	65
YEAR STRUCTURE BUILT					2	698	437	197	64
1949 to March 1970	45	14	6	25	3 or more	230	122	80	28
1960 to 1968	148	50	69	29	YEAR STRUCTURE BUILT				
1950 to 1959	96	48	40	8	1969 to March 1970	76	50	22	4
1949 or earlier	115	35	52	28	1960 to 1968	504	335	105	64
UNITS IN STRUCTURE					1950 to 1959	246	140	82	24
1	390	138	162	90	1949 or earlier	485	273	153	59
2 or more	14	9	5	—	UNITS IN STRUCTURE				
HEATING EQUIPMENT					1	578	302	212	64
Steam or hot water	15	6	9	—	2 to 4	204	128	52	24
Warm-air furnace	59	30	12	17	5 to 9	162	100	35	27
Built-in electric units	266	81	118	67	10 to 19	168	136	21	11
Floor, wall, or pipeless furnace	12	12	—	—	20 or more	199	132	42	25
Other means	52	18	28	6	RENT ASKED				
None	—	—	—	—	Specified vacant for rent ²	1 301	793	357	151
SALES PRICE ASKED					Less than \$50	94	70	15	9
Specified vacant for sale ¹	378	132	156	90	\$50 to \$59	59	19	27	13
Less than \$5,000	—	—	—	—	\$60 to \$79	262	106	113	43
\$5,000 to \$9,999	60	15	28	17	\$80 to \$99	319	200	85	34
\$10,000 to \$14,999	80	32	39	9	\$100 to \$119	238	190	31	17
\$15,000 to \$19,999	107	38	51	18	\$120 to \$149	198	138	50	10
\$20,000 to \$24,999	58	31	8	19	\$150 to \$199	94	56	28	10
\$25,000 to \$34,999	31	8	13	10	\$200 or more	37	14	8	15
\$35,000 to \$49,999	31	8	17	6	Median rent asked	\$95	\$100	\$86	\$86
\$50,000 or more	11	—	—	11					
Median price asked	\$17 300	\$17 500	\$16 100	...					

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 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	378	60	80	107	58	31	42	1 301	153	262	319	436	94	37
PLUMBING FACILITIES														
With all plumbing facilities	332	30	66	119	49	34	34	1 398	159	290	393	403	75	78
Lacking some or all plumbing facilities	21	—	21	—	—	—	—	28	14	—	14	—	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	498	61	169	158	64	—	46
2	84	30	—	21	15	—	18	698	98	73	184	280	47	16
3	172	—	71	67	34	—	—	80	—	28	36	—	—	16
4 or more	97	—	16	31	—	34	16	150	14	20	29	59	28	—
YEAR STRUCTURE BUILT														
1969 to March 1970	45	—	6	6	4	11	18	76	4	5	12	35	9	11
1960 to 1968	138	21	26	59	15	9	8	504	29	75	110	231	33	26
1950 to 1959	86	9	17	30	14	8	8	241	31	56	64	65	25	—
1949 or earlier	109	30	31	12	25	3	8	480	89	126	133	105	27	—
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	568	91	156	155	113	50	3
2 to 4 .....	...	...	...	...	...	...	...	204	24	47	54	55	5	19
5 to 19 .....	...	...	...	...	...	...	...	330	26	39	99	137	29	—
20 or more .....	...	...	...	...	...	...	...	199	12	20	11	131	10	15
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	170	44	45	20	52	9	—
Some or no utilities included .....	...	...	...	...	...	...	...	1 131	109	217	299	384	85	37

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]

Eugene	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	12 339	482	658	520	745	1 953	2 136	3 080	1 963	468	34	300	116
ROOMS													
1 room	608	193	82	55	56	130	41	29	5	4	8	5	65
2 rooms	1 425	91	141	137	176	264	218	316	23	5	—	54	89
3 rooms	3 188	159	272	170	256	714	677	677	213	24	—	26	100
4 rooms	3 731	32	134	97	119	540	684	1 152	800	73	5	95	126
5 rooms	1 952	—	18	45	67	186	385	554	536	111	—	50	134
6 rooms	802	—	11	12	45	70	89	263	195	98	—	19	139
7 rooms	424	3	—	4	17	32	33	75	153	57	6	44	158
8 rooms or more	209	4	—	—	9	17	9	14	38	96	15	7	210
Median	3.7	2.0	2.9	2.9	3.0	3.3	3.7	3.9	4.4	5.7	...	4.2	...
PERSONS													
1 person	3 892	424	315	311	395	785	621	694	201	49	—	97	92
2 persons	4 417	41	196	140	214	731	894	1 279	707	103	10	102	119
3 persons	1 981	9	89	26	47	227	339	634	489	64	3	54	131
4 persons	1 144	8	53	32	70	138	140	270	291	121	4	15	134
5 persons	566	—	5	7	10	32	115	138	141	88	15	15	143
6 persons or more	339	—	—	4	9	40	27	65	134	43	—	17	156
Median	2.0	1.1	1.6	1.3	1.4	1.8	2.0	2.2	2.7	3.6	...	2.0	...
Units with roomers, boarders, or lodgers	1 109	15	9	16	52	134	176	330	276	74	12	15	133
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	12 029	328	582	497	734	1 931	2 136	3 080	1 958	468	34	281	117
0.50 or less	6 199	245	317	318	441	974	1 090	1 523	891	205	20	175	113
0.51 to 1.00	5 305	69	227	163	282	880	938	1 442	976	234	6	93	121
1.01 to 1.50	393	4	22	10	6	65	85	83	76	29	—	8	119
1.51 or more	132	10	16	6	11	12	23	32	15	—	8	5	113
Lacking some or all plumbing facilities	310	154	76	23	11	22	—	—	5	—	—	19	50—
0.50 or less	92	15	32	16	—	10	—	—	5	—	—	14	—
0.51 to 1.00	187	136	23	—	11	12	—	—	—	—	—	5	50—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	31	3	21	7	—	—	—	—	—	—	—	—	—
BEDROOMS													
None	926	211	105	175	61	211	61	41	19	—	18	24	68
1	4 372	191	190	208	301	931	1 040	1 106	319	29	—	57	106
2	4 904	—	245	172	127	647	830	1 692	894	198	—	99	127
3 or more	2 131	—	—	73	92	142	175	475	675	337	—	162	152
YEAR STRUCTURE BUILT													
1969 to March 1970	452	29	10	15	5	10	34	127	169	53	—	—	149
1965 to 1968	2 223	180	61	38	20	147	237	695	659	129	22	35	138
1960 to 1964	1 910	24	36	26	20	285	329	643	400	89	9	49	130
1950 to 1959	2 222	37	14	71	104	339	468	739	315	77	3	55	122
1940 to 1949	2 283	36	285	140	221	454	429	445	163	59	—	51	99
1939 or earlier	3 249	176	252	230	375	718	639	431	257	61	—	110	95
ELEVATOR IN STRUCTURE													
4 floors or more	760	120	39	57	41	117	95	138	114	39	—	—	101
With elevator	760	120	39	57	41	117	95	138	114	39	—	—	101
Walk-up	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 3 floors	11 573	282	501	571	540	1 814	2 011	3 176	1 793	525	18	342	119
COMPLETE BATHROOMS													
1 and 1 1/2	11 484	341	564	459	748	1 950	2 156	2 926	1 815	288	19	218	115
2 or more	414	11	—	—	5	6	19	38	137	142	24	32	191
None or also used by another household	445	154	126	41	28	48	—	14	7	—	—	27	54
INCOME IN 1969													
Less than \$2,000	3 021	273	240	206	269	468	453	543	413	82	6	68	101
\$2,000 to \$2,999	1 300	88	116	95	96	253	219	260	114	29	—	30	99
\$3,000 to \$3,999	1 169	29	75	59	100	236	246	215	152	22	—	35	106
\$4,000 to \$4,999	1 035	52	33	40	58	201	233	277	97	5	—	39	110
\$5,000 to \$5,999	938	—	30	40	58	157	190	260	78	31	—	33	111
\$6,000 to \$6,999	736	15	26	10	40	105	169	244	109	14	—	4	120
\$7,000 to \$7,999	2 127	25	100	27	82	311	409	642	423	58	—	50	124
\$8,000 to \$8,999	1 397	—	10	15	19	168	153	495	386	96	19	36	139
\$9,000 to \$9,999	479	—	—	—	8	54	—	120	152	90	4	—	152
\$10,000 to \$10,999	—	—	—	—	—	—	—	24	39	41	5	5	174
\$11,000 to \$11,999	137	—	—	—	10	—	—	—	—	—	—	—	—
\$12,000 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$4 700	\$2 000—	\$2 800	\$2 600	\$3 100	\$4 100	\$4 600	\$5 900	\$7 100	\$9 600	...	\$4 400	...
YEAR MOVED INTO UNIT													
1969 to March 1970	7 835	233	316	290	411	1 221	1 382	2 025	1 499	358	28	72	120
1968	1 811	78	171	62	112	342	329	397	241	38	15	26	108
1967	922	50	72	34	56	124	145	264	127	8	—	42	114
1965 and 1966	823	94	56	52	70	104	144	180	57	19	—	47	102
1960 to 1964	499	33	38	20	61	118	119	63	21	7	—	19	94
1950 to 1959	341	12	37	22	50	68	45	41	14	—	—	52	89
1949 or earlier	112	6	—	20	21	27	11	8	—	—	—	19	...
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	629	49	121	26	40	131	101	66	76	19	—	—	94
10 to 14 percent	1 459	59	91	52	117	312	203	410	167	43	5	—	110
15 to 19 percent	1 765	39	50	87	84	243	376	491	297	98	4	—	120
20 to 24 percent	1 388	46	86	54	50	215	231	370	278	54	—	—	121
25 to 34 percent	1 891	121	74	81	113	290	333	509	303	51	16	—	116
35 percent or more	4 640	163	202	208	322	724	873	1 162	793	184	9	—	116
Not computed	567	5	34	12	19	38	19	72	49	19	—	300	123
AIR CONDITIONING													
Room unit(s)	493	21	6	42	10	28	42	184	104	40	—	16	135
Central system	194	7	6	—	—	25	33	50	40	7	5	21	129
None	11 656	478	678	458	771	1 951	2 100	2 744	1 815	383	38	240	113

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

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

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

Eugene	Total	Less	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000	Median
		than \$2,000	to \$2,999	to \$3,999	to \$4,999	to \$5,999	to \$6,999	to \$9,999	to \$14,999	to \$24,999	or more	(dollars)
Owner occupied housing units	13 411	917	523	495	463	606	612	2 252	3 810	2 865	868	11 100
ROOMS												
1 and 2 rooms	214	36	11	20	24	37	12	20	25	16	11	5 400
3 rooms	266	84	28	38	16	33	5	39	14	5	4	3 600
4 rooms	1 730	221	179	155	111	135	147	349	295	133	5	6 400
5 rooms	3 318	311	163	128	145	196	197	587	951	555	85	9 700
6 rooms	3 538	153	109	99	85	96	124	682	1 201	814	175	11 800
7 rooms or more	4 345	110	33	55	82	109	127	575	1 324	1 342	588	14 100
PERSONS												
1 person	1 600	583	194	147	121	122	75	196	120	32	10	3 200
2 persons	4 344	192	263	274	245	340	307	780	944	799	200	9 100
3 and 4 persons	4 645	120	50	57	83	119	159	811	1 650	1 282	314	12 800
5 persons	1 521	22	11	13	10	7	45	249	602	359	203	13 400
6 persons or more	1 301	--	5	4	4	18	26	216	494	393	141	13 800
Units with roomers, boarders, or lodgers	313	56	19	24	24	6	16	39	66	53	10	7 900
BEDROOMS												
Less than 3	4 377	593	346	272	379	382	280	880	716	451	78	6 800
3	6 228	257	197	210	128	172	261	1 109	2 017	1 504	373	11 900
4 or more	2 778	46	--	20	53	96	38	394	965	715	451	13 800
YEAR STRUCTURE BUILT												
1969 to March 1970	438	6	4	5	5	10	38	87	146	78	59	12 200
1960 to 1968	3 908	141	69	65	57	95	153	548	1 325	1 120	335	13 100
1950 to 1959	4 461	238	142	137	149	128	178	814	1 409	1 001	265	11 600
1949 or earlier	4 604	532	308	288	252	373	243	803	930	666	209	8 100
YEAR MOVED INTO UNIT												
1969 to March 1970	1 824	96	33	72	32	76	101	385	574	372	83	11 000
1968	1 097	23	12	49	12	40	62	235	360	327	77	11 600
1960 to 1967	5 849	284	127	155	202	196	275	893	1 900	1 404	413	12 100
1959 or earlier	4 642	496	365	222	177	280	180	708	1 044	898	272	9 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	11 930	657	427	314	392	516	490	2 190	3 553	2 489	902	11 400
Clothes dryer	10 874	453	339	285	274	441	453	1 978	3 361	2 426	864	11 800
Dishwasher	6 917	162	83	112	108	200	193	853	2 361	2 038	807	13 700
Home food freezer	7 567	314	236	171	146	342	330	1 269	2 505	1 593	661	11 900
Owned second home	711	27	18	--	94	20	40	35	104	252	121	15 700
With air conditioning	1 081	46	41	26	30	35	40	146	318	280	119	12 800
Room unit(s)	835	42	41	14	24	35	26	120	268	190	75	12 200
Central system	246	4	--	12	6	--	14	26	50	90	44	16 200
Automobiles available:												
1	5 488	418	341	391	307	450	361	1 166	1 264	681	109	8 200
2	5 746	99	47	43	57	101	187	812	2 129	1 675	596	13 600
3 or more	1 369	18	8	7	21	11	42	169	419	534	140	14 900
Renter occupied housing units	12 364	3 032	1 300	1 169	1 035	938	736	2 137	1 397	483	137	4 700
ROOMS												
1 room	608	257	115	85	36	21	28	32	29	5	--	2 400
2 rooms	1 425	567	218	117	135	104	67	160	47	10	--	2 700
3 rooms	3 192	991	390	345	277	297	194	411	186	71	30	3 600
4 rooms	3 735	723	352	338	351	264	250	824	449	150	34	5 400
5 rooms	1 952	315	160	170	128	163	110	412	319	143	32	6 400
6 rooms or more	1 452	179	65	114	108	89	87	298	367	104	41	7 800
PERSONS												
1 person	3 896	1 416	577	364	380	290	171	441	186	35	36	2 900
2 persons	4 421	933	372	481	346	385	312	822	480	239	51	5 200
3 and 4 persons	3 132	589	305	273	248	184	654	509	121	34	34	5 700
5 persons	570	83	22	40	31	32	48	142	128	39	5	7 600
6 persons or more	345	11	24	11	30	16	21	78	94	49	11	9 300
Units with roomers, boarders, or lodgers	1 116	580	150	99	82	63	20	71	35	16	--	2000--
BEDROOMS												
None	926	357	128	227	--	70	--	88	37	19	--	2 800
1	4 372	1 444	572	388	375	361	224	535	332	97	44	3 400
2	4 922	924	322	414	435	366	262	1 114	773	173	139	6 000
3 or more	2 131	243	128	149	163	173	98	458	538	135	46	7 700
YEAR STRUCTURE BUILT												
1969 to March 1970	452	95	23	50	26	20	22	98	84	19	15	6 500
1960 to 1968	4 150	1 037	370	361	341	251	259	751	494	222	64	4 900
1950 to 1959	2 222	453	215	205	186	166	154	389	317	105	32	5 300
1949 or earlier	5 540	1 447	692	553	482	501	301	899	502	137	26	4 200
YEAR MOVED INTO UNIT												
1969 to March 1970	7 850	2 063	957	804	673	585	522	1 197	754	245	50	4 200
1968	1 816	426	155	157	150	143	105	406	182	80	12	5 100
1960 to 1967	2 249	432	226	156	230	166	108	420	322	146	43	5 500
1959 or earlier	453	136	10	46	18	27	50	70	59	30	7	5 600
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	12 339	3 021	1 300	1 169	1 035	938	736	2 127	1 397	479	137	4 700
Less than 15 percent	2 088	--	4	12	70	92	81	542	753	402	132	11 600
15 to 19 percent	1 765	--	22	57	79	151	163	747	473	73	--	8 600
20 to 24 percent	1 388	6	86	105	140	219	200	525	103	4	--	6 700
25 to 34 percent	1 891	103	208	305	388	353	262	243	29	--	--	4 800
35 percent or more	4 640	2 577	950	655	319	90	26	20	3	--	--	2000--
Not computed	567	335	30	35	39	33	4	50	36	--	5	2000--
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	4 905	721	289	258	456	400	341	1 005	1 047	244	144	7 000
Clothes dryer	4 389	625	247	304	320	308	255	955	968	263	144	7 400
Dishwasher	1 901	162	93	129	62	75	78	386	533	217	166	9 700
Home food freezer	1 488	143	--	110	168	58	74	345	417	85	88	8 700
Owned second home	--	417	--	--	--	--	--	81	71	--	--	2 600
With air conditioning	687	120	70	87	61	48	24	124	103	40	8	5 100
Room unit(s)	493	67	33	58	40	43	24	98	87	35	8	6 200
Central system	194	53	37	29	21	5	--	28	16	5	--	3 200
Automobiles available:												
1	7 024	1 337	727	752	659	658	503	1 381	737	231	39	5 100
2	2 425	335	159	144	195	148	188	531	448	222	55	7 200
3 or more	575	166	55	53	27	41	23	76	81	42	11	4 500

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

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

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

Eugene	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	13 411	13 339	7 828	5 164	294	53	72	47	25	-
PERSONS										
1 person	1 600	1 561	1 500	61	-	-	39	34	5	-
2 persons	4 344	4 325	4 163	156	-	6	19	9	10	-
3 persons	2 179	2 170	1 396	765	5	4	9	4	5	-
4 persons	2 466	2 461	561	1 900	-	-	5	-	5	-
5 persons	1 521	1 521	208	1 286	12	15	-	-	-	-
6 persons or more	1 301	1 301	-	996	277	28	-	-	-	-
Median	2.8	2.9	2.1	4.3	6.6	...	...	...	...	...
Units with roomers, boarders, or lodgers	313	313	190	109	14	-	-	-	-	-
YEAR STRUCTURE BUILT										
1969 to March 1970	442	442	210	213	19	-	-	-	-	-
1965 to 1968	1 556	1 556	749	787	20	-	-	-	-	-
1960 to 1964	2 375	2 367	1 215	1 116	22	14	8	-	8	-
1950 to 1959	4 542	4 524	2 487	1 862	164	11	18	18	-	-
1940 to 1949	2 192	2 161	1 394	724	43	-	31	11	20	-
1939 or earlier	2 305	2 286	1 727	503	40	16	19	12	7	-
INCOME IN 1969										
Less than \$2,000	917	893	771	122	-	-	24	19	5	-
\$2,000 to \$2,999	523	512	458	54	-	-	11	6	5	-
\$3,000 to \$3,999	495	486	410	76	-	-	9	9	-	-
\$4,000 to \$4,999	463	459	374	80	5	-	4	4	-	-
\$5,000 to \$5,999	606	596	461	127	-	8	10	-	10	-
\$6,000 to \$6,999	612	612	414	198	-	-	-	-	-	-
\$7,000 to \$9,999	2 252	2 242	1 198	988	56	-	10	5	5	-
\$10,000 to \$14,999	3 810	3 806	1 697	1 954	135	20	4	4	-	-
\$15,000 to \$24,999	2 865	2 865	1 573	1 179	98	15	-	-	-	-
\$25,000 or more	868	868	472	386	-	10	-	-	-	-
Median	\$11 100	\$11 100	\$9 600	\$12 400	\$13 200	...	...	...	...	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	12 432	12 380	7 196	4 852	290	42	52	37	15	-
Less than 1.5	4 736	4 721	2 336	2 152	204	29	15	-	15	-
1.5 to 1.9	2 759	2 755	1 287	1 396	59	13	4	4	-	-
2.0 to 2.4	1 630	1 630	947	671	12	-	-	-	-	-
2.5 to 2.9	830	822	575	247	-	-	8	8	-	-
3.0 to 3.9	865	859	673	176	10	-	6	6	-	-
4.0 or more	1 493	1 474	1 274	195	5	-	19	19	-	-
Not computed	119	119	104	15	-	-	-	-	-	-
HEATING EQUIPMENT										
Steam or hot water	531	531	306	213	12	-	-	-	-	-
Warm-air furnace	3 933	3 929	2 402	1 454	54	19	4	4	-	-
Built-in electric units	6 735	6 711	3 727	2 811	153	20	24	14	10	-
Floor, wall, or pipeless furnace	762	757	463	267	17	10	5	5	-	-
Other means	1 445	1 406	925	419	58	4	39	24	15	-
None	5	5	5	-	-	-	-	-	-	-
Renter occupied housing units	12 364	12 054	6 207	5 312	403	132	310	92	187	-
PERSONS										
1 person	3 896	3 639	3 296	343	-	-	257	87	170	-
2 persons	4 421	4 378	2 584	1 731	-	63	43	5	17	-
3 persons	1 981	1 981	273	1 647	58	3	-	-	-	-
4 persons	1 151	1 148	35	1 022	81	10	3	-	-	-
5 persons	570	563	19	400	121	23	7	-	-	-
6 persons or more	345	345	-	169	143	33	-	-	-	-
Median	2.0	2.0	1.4	2.9	5.0	3.5	1.1	...	1.1	...
Units with roomers, boarders, or lodgers	1 116	1 116	297	764	33	22	-	-	-	-
YEAR STRUCTURE BUILT										
1969 to March 1970	418	418	234	163	21	-	-	-	-	-
1965 to 1968	2 158	2 158	1 215	886	20	37	-	-	-	-
1960 to 1964	2 009	2 000	953	946	81	20	9	9	-	-
1950 to 1959	2 246	2 217	1 090	1 019	84	24	29	4	25	-
1940 to 1949	2 180	2 144	1 104	926	100	14	36	22	14	-
1939 or earlier	3 357	3 100	1 670	1 327	64	39	257	73	163	21
INCOME IN 1969										
Less than \$2,000	3 032	2 894	1 603	1 203	50	38	138	41	81	-
\$2,000 to \$2,999	1 300	1 239	662	531	33	13	61	31	30	-
\$3,000 to \$3,999	1 169	1 138	586	508	28	16	31	-	21	-
\$4,000 to \$4,999	1 035	1 003	584	384	30	5	32	10	22	-
\$5,000 to \$5,999	938	921	472	429	20	-	17	5	7	-
\$6,000 to \$6,999	736	723	325	348	40	10	13	-	13	-
\$7,000 to \$9,999	2 137	2 124	1 033	991	85	15	13	-	13	-
\$10,000 to \$14,999	1 397	1 392	592	715	62	23	5	5	-	-
\$15,000 to \$24,999	483	483	253	163	55	12	-	-	-	-
\$25,000 or more	137	137	97	40	-	-	-	-	-	-
Median	\$4 700	\$4 800	\$4 400	\$5 100	\$7 000	\$3 900	\$2 300	...	\$2 400	...
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	12 339	12 029	6 199	5 305	393	132	310	92	187	-
Less than 10 percent	629	593	299	247	37	10	36	5	31	-
10 to 14 percent	1 459	1 427	692	648	59	28	32	5	19	-
15 to 19 percent	1 765	1 743	828	862	49	4	22	5	17	-
20 to 24 percent	1 388	1 353	651	606	86	10	35	10	18	-
25 to 34 percent	1 891	1 828	1 014	739	59	16	63	30	33	-
35 percent or more	4 640	4 554	2 416	1 996	89	53	86	16	59	-
Not computed	567	531	299	207	14	11	36	21	10	-
HEATING EQUIPMENT										
Steam or hot water	1 099	1 041	723	292	11	15	57	-	43	-
Warm-air furnace	1 388	1 324	754	530	37	3	64	15	49	-
Built-in electric units	7 004	6 948	3 369	3 273	243	63	56	14	35	-
Floor, wall, or pipeless furnace	608	598	279	304	8	7	10	-	5	-
Other means	2 241	2 123	1 071	904	104	44	118	63	50	-
None	25	20	11	9	-	-	5	-	5	-

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

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

Table B-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]

Eugene	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	13 411	76	138	266	1 730	3 318	3 538	2 134	2 211	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 275	63	95	223	1 729	3 334	3 523	2 059	2 249	5.8
PERSONS										
1 person	1 600	66	62	128	443	519	210	123	49	4.7
2 persons	4 344	6	60	106	903	1 334	1 147	500	288	5.3
3 persons	2 179	4	5	28	219	523	718	380	302	5.9
4 persons	2 466	—	—	—	135	506	727	537	561	6.3
5 persons	1 521	—	11	4	12	257	434	360	443	6.6
6 persons or more	1 301	—	—	—	18	179	302	234	568	7.1
Median	2.8	—	1.6	1.5	2.0	2.4	3.1	3.6	4.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	13 339	71	122	255	1 707	3 318	3 530	2 130	2 266	5.8
0.50 or less	7 828	—	51	122	1 333	1 853	2 067	999	1 403	5.8
0.51 to 1.00	5 164	61	55	129	344	1 286	1 385	1 106	798	6.0
1.01 to 1.50	294	—	5	—	24	161	78	21	5	5.2
1.51 or more	53	10	11	4	6	18	—	4	—	...
Lacking some or all plumbing facilities	72	5	16	11	23	—	8	4	5	...
0.50 or less	47	—	11	6	13	—	8	4	5	...
0.51 to 1.00	25	5	5	5	10	—	—	—	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	618	60	176	209	135	19	19	—	—	2.8
2	3 759	—	—	74	1 517	1 612	460	60	36	4.7
3	6 228	—	—	—	37	1 625	2 876	1 249	441	6.0
4 or more	2 778	—	—	—	—	55	265	845	1 613	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	438	—	—	—	25	85	109	94	125	6.5
1960 to 1968	3 908	62	60	38	208	697	1 113	760	970	6.3
1950 to 1959	4 461	5	42	72	614	1 302	1 257	642	527	5.7
1949 or earlier	4 604	9	36	156	883	1 234	1 059	638	589	5.5
COMPLETE BATHROOMS										
1 and 1 1/2	9 154	63	91	207	1 621	2 881	2 656	1 084	551	5.4
2 or more	4 147	—	10	22	114	453	867	983	1 698	7.1
None or also used by another household	111	15	13	27	39	—	11	6	—	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	12 432	9	45	159	1 455	3 111	3 426	2 079	2 148	5.9
Less than 1.5	4 736	4	25	71	537	1 211	1 457	761	670	5.9
1.5 to 1.9	2 759	5	4	15	208	651	795	555	526	6.1
2.0 to 2.9	2 460	—	—	13	221	521	627	442	636	6.3
3.0 or more	2 358	—	16	45	465	692	534	294	312	5.4
Not computed	119	—	—	15	24	36	13	27	4	5.1
Renter occupied housing units	12 364	608	1 425	3 192	3 735	1 952	819	424	209	3.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	11 781	341	1 260	3 066	3 699	1 987	808	409	211	3.8
PERSONS										
1 person	3 896	513	919	1 450	733	176	67	31	7	2.9
2 persons	4 421	84	431	1 317	1 626	717	178	42	26	3.7
3 persons	1 981	3	58	320	847	480	164	79	30	4.2
4 persons	1 151	8	5	81	377	326	215	104	35	4.8
5 persons	570	—	12	18	121	166	103	92	58	5.3
6 persons or more	345	—	6	6	31	87	92	76	53	6.0
Median	2.0	1.1	1.3	1.6	2.2	2.7	3.5	4.1	4.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	12 654	414	1 350	3 161	3 725	1 952	819	424	209	3.8
0.50 or less	6 207	—	844	1 443	2 349	893	409	152	117	3.8
0.51 to 1.00	5 312	343	431	1 620	1 224	972	375	255	92	3.7
1.01 to 1.50	403	—	58	81	137	81	35	11	—	4.0
1.51 or more	132	71	17	17	15	6	—	6	—	1.4
Lacking some or all plumbing facilities	310	194	75	31	10	—	—	—	—	1.3
0.50 or less	92	—	75	7	10	—	—	—	—	...
0.51 to 1.00	187	170	—	17	—	—	—	—	—	1.1
1.01 to 1.50	—	—	—	—	—	—	—	—	—	...
1.51 or more	31	24	—	7	—	—	—	—	—	...
BEDROOMS										
None	926	617	265	44	—	—	—	—	—	1.3
1	4 372	—	1 049	2 827	441	55	—	—	—	2.9
2	4 922	—	—	423	3 199	1 064	236	—	—	4.1
3 or more	2 131	—	—	—	28	777	677	453	196	5.9
YEAR STRUCTURE BUILT										
1969 to March 1970	452	20	58	115	155	58	28	15	3	3.7
1960 to 1968	4 150	152	523	1 078	1 407	639	235	56	60	3.7
1950 to 1959	2 222	83	222	524	728	384	170	71	40	3.9
1949 or earlier	5 540	353	622	1 475	1 445	871	386	282	106	3.7
COMPLETE BATHROOMS										
1 and 1 1/2	11 509	388	1 316	3 066	3 662	1 916	749	309	103	3.8
2 or more	414	7	—	14	50	76	59	100	108	6.5
None or also used by another household	445	217	145	56	27	—	—	—	—	1.5
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	12 339	608	1 425	3 188	3 731	1 952	802	424	209	3.8
Less than 10 percent	629	55	42	177	192	88	55	12	8	3.7
10 to 14 percent	1 459	50	101	350	483	267	113	57	38	4.0
15 to 19 percent	1 765	48	103	364	599	377	156	76	42	4.1
20 to 24 percent	1 388	40	155	334	485	216	97	48	13	3.8
25 to 34 percent	1 891	89	237	463	518	334	166	48	36	3.8
35 percent or more	4 640	293	716	1 400	1 291	566	191	126	57	3.4
Not computed	567	33	71	100	163	104	24	57	15	4.0

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

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

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

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

Eugene	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	13 411	12 581	622	208	12 364	4 797	1 366	1 072	1 660	1 615	1 804	50
ROOMS												
1 room	76	9	62	5	608	59	23	60	141	135	186	4
2 rooms	138	55	22	61	1 425	264	104	135	292	285	318	27
3 rooms	266	171	68	27	3 192	601	297	399	664	536	686	9
4 rooms	1 730	1 468	183	79	3 735	1 339	544	386	470	526	470	—
5 rooms	3 318	3 140	150	28	1 952	1 256	286	83	72	110	135	10
6 rooms	3 538	3 461	73	4	819	731	53	—	10	16	9	—
7 rooms	2 134	2 103	31	—	424	349	48	9	11	7	—	—
8 rooms or more	2 211	2 174	33	4	209	198	11	—	—	—	—	—
Median	5.8	5.9	4.4	3.6	3.8	4.6	4.0	3.4	3.1	3.2	3.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 339	12 529	607	203	12 054	4 759	1 353	1 038	1 543	1 535	1 776	50
0.50 or less	7 828	7 285	402	141	6 207	2 194	764	506	799	855	1 050	39
0.51 to 1.00	5 164	4 903	199	62	5 312	2 247	560	468	713	632	685	7
1.01 to 1.50	294	294	—	—	403	271	19	48	21	22	18	4
1.51 or more	53	47	6	—	132	47	10	16	10	26	23	—
Lacking some or all plumbing facilities	72	52	15	5	310	38	13	14	117	80	28	—
0.50 or less	47	37	5	5	92	13	5	19	43	12	—	—
0.51 to 1.00	25	15	10	—	187	18	8	10	63	65	23	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	31	7	—	5	11	3	5	—
BEDROOMS												
None	60	16	44	—	926	129	42	43	181	197	334	—
1	558	347	156	55	4 372	951	474	360	652	976	922	37
2	3 759	3 418	196	145	4 922	2 152	639	424	631	580	496	—
3	6 228	6 125	86	17	1 476	1 097	267	18	—	19	75	—
4 or more	2 778	2 713	65	—	655	560	74	—	21	—	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	438	370	30	38	452	68	45	31	63	139	106	—
1965 to 1968	1 576	1 415	109	52	2 233	307	245	119	225	480	839	8
1960 to 1964	2 332	2 190	99	43	1 917	538	255	153	245	391	324	11
1950 to 1959	4 461	4 289	109	63	2 222	1 128	266	172	223	193	212	28
1940 to 1949	2 248	2 176	66	6	2 291	1 235	227	214	375	138	102	—
1939 or earlier	2 356	2 141	209	6	3 249	1 521	328	383	519	274	221	3
INCOME IN 1969												
Less than \$2,000	917	795	83	39	3 032	829	226	265	518	528	654	12
\$2,000 to \$2,999	523	445	69	9	1 300	386	140	154	228	171	221	—
\$3,000 to \$3,999	495	423	38	34	1 169	332	120	134	155	179	239	10
\$4,000 to \$4,999	463	412	36	15	1 035	402	87	112	149	133	147	7
\$5,000 to \$5,999	606	526	66	14	938	397	113	110	97	112	102	5
\$6,000 to \$6,999	612	536	44	32	736	339	106	51	77	79	84	—
\$7,000 to \$9,999	2 252	2 126	94	32	2 137	1 043	240	133	285	222	198	16
\$10,000 to \$14,999	3 810	3 689	96	25	1 397	743	249	83	102	121	99	—
\$15,000 to \$24,999	2 865	2 771	86	8	483	252	60	30	39	61	41	—
\$25,000 or more	868	858	10	—	137	74	25	—	10	9	19	—
Median	\$11 100	\$11 400	\$6 400	\$5 500	\$4 700	\$6 200	\$6 000	\$3 900	\$3 500	\$3 600	\$3 100	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 824	1 690	72	62	7 850	2 903	848	763	1 141	1 157	1 024	14
1968	1 097	1 011	63	23	1 816	768	130	165	232	169	323	13
1967	997	906	70	21	927	427	150	79	82	59	76	7
1965 and 1966	1 788	1 699	51	38	823	351	93	59	82	75	163	—
1960 to 1964	3 064	2 888	132	44	499	164	49	40	63	68	95	—
1950 to 1959	3 028	2 862	160	6	334	144	38	21	59	23	34	15
1949 or earlier	1 614	1 511	97	6	119	54	8	16	27	—	14	—
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	12 339	4 772	1 366	1 072	1 660	1 615	1 804	50
Less than \$50 .....	...	...	...	...	482	37	18	20	110	73	207	17
\$50 to \$59 .....	...	...	...	...	658	131	29	115	211	91	76	5
\$60 to \$69 .....	...	...	...	...	520	175	63	58	131	37	56	—
\$70 to \$79 .....	...	...	...	...	745	280	127	126	103	41	65	3
\$80 to \$99 .....	...	...	...	...	1 953	715	142	363	334	189	210	—
\$100 to \$119 .....	...	...	...	...	2 136	985	194	207	257	224	267	—
\$120 to \$149 .....	...	...	...	...	3 080	1 160	402	112	320	261	267	—
\$150 to \$199 .....	...	...	...	...	1 963	784	287	66	11	34	63	—
\$200 to \$299 .....	...	...	...	...	468	292	59	5	—	—	13	—
\$300 or more .....	...	...	...	...	34	15	—	—	16	6	19	16
No cash rent .....	...	...	...	...	300	198	45	—	—	—	—	—
Median .....	...	...	...	...	\$116	\$119	\$127	\$93	\$96	\$128	\$121	...
HEATING EQUIPMENT												
Steam or hot water	531	474	57	—	1 098	107	53	64	151	194	529	—
Warm-air furnace	3 933	3 658	201	74	1 388	651	153	100	233	86	153	12
Built-in electric units	6 735	6 436	247	52	7 004	2 143	889	653	1 033	1 218	1 051	17
Floor, wall, or pipeless furnace	762	725	26	11	608	403	74	44	42	16	29	—
Other means	1 445	1 283	91	71	2 241	1 484	191	211	196	96	42	21
None	5	5	—	—	25	9	6	—	5	5	—	—
AIR CONDITIONING												
Room unit(s)	835	714	88	33	493	116	44	47	42	45	189	10
Central system	246	217	8	21	194	69	—	—	31	13	72	9
None	12 331	11 636	549	146	11 681	4 626	1 272	1 096	1 633	1 493	1 531	30
AUTOMOBILES AVAILABLE												
1	5 488	4 961	378	149	7 024	2 704	696	788	1 025	858	913	40
2	5 746	5 577	144	25	2 425	1 268	372	149	187	247	202	—
3 or more	1 369	1 354	15	—	575	315	52	21	53	68	66	—
None	809	675	108	26	2 344	524	196	185	441	378	611	9

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

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

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

Eugene	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	13 411	135	1 629	2 566	4 752	1 534	295	76	608	216	683	917
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 339	135	1 629	2 566	4 734	1 519	295	76	608	216	664	897
0.50 or less	7 828	76	515	604	3 001	1 347	140	58	403	184	648	852
0.51 to 1.00	5 164	54	1 018	1 826	1 653	168	141	18	193	32	16	45
1.01 to 1.50	294	5	86	126	55	—	10	—	12	—	—	—
1.51 or more	53	—	10	10	25	—	4	—	—	—	—	—
Lacking some or all plumbing facilities	72	—	—	—	18	15	—	—	—	—	19	28
0.50 or less	47	—	—	—	8	5	—	—	—	—	19	15
0.51 to 1.00	25	—	—	—	10	10	—	—	—	—	—	5
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	12 581	116	1 598	2 505	4 589	1 375	284	56	581	207	563	707
2 or more	622	—	31	57	114	115	11	14	17	9	78	176
Mobile home or trailer	208	19	—	4	49	44	—	6	10	—	42	34
INCOME IN 1969												
Less than \$2,000	917	6	26	24	59	57	34	5	80	43	142	441
\$2,000 to \$2,999	523	9	8	—	34	208	5	10	34	21	30	164
\$3,000 to \$3,999	495	5	8	4	37	167	5	15	61	46	82	65
\$4,000 to \$4,999	463	10	—	—	85	158	7	8	55	19	80	41
\$5,000 to \$5,999	606	10	25	18	158	163	18	4	73	15	70	52
\$6,000 to \$6,999	612	27	86	63	183	121	10	19	28	—	25	50
\$7,000 to \$9,999	2 252	31	444	410	715	241	77	4	102	32	140	56
\$10,000 to \$14,999	3 810	37	692	1 067	1 491	219	78	5	93	8	77	43
\$15,000 to \$24,999	2 865	—	272	721	1 541	142	52	6	72	27	27	5
\$25,000 or more	868	—	68	259	449	58	9	—	10	5	10	—
Median	\$11 100	\$7 000	\$11 600	\$13 600	\$13 700	\$6 100	\$9 700	...	\$6 000	\$4 000	\$5 100	\$2 100
VALUE-INCOME RATIO												
Specified owner occupied ¹	12 432	116	1 598	2 491	4 481	1 364	279	56	581	207	552	787
Less than 1.5	4 736	42	551	1 043	2 414	298	84	6	151	19	114	14
1.5 to 1.9	2 759	12	499	799	1 003	215	49	—	33	32	82	35
2.0 to 2.4	1 630	10	349	357	559	106	63	4	64	27	56	35
2.5 to 2.9	830	17	66	159	170	189	9	5	58	20	74	63
3.0 to 3.9	865	16	76	72	180	213	23	21	99	30	52	83
4.0 or more	1 493	19	52	56	137	338	51	20	149	74	144	453
Not computed	119	—	5	5	18	5	—	—	27	5	30	24
Renter occupied housing units	12 364	1 410	2 311	512	826	309	1 305	33	1 647	115	2 838	1 058
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	12 054	1 400	2 294	512	821	309	1 295	33	1 636	115	2 640	999
0.50 or less	6 207	503	695	89	356	219	504	10	449	86	2 386	910
0.51 to 1.00	5 312	865	1 383	351	420	82	724	23	1 097	24	254	89
1.01 to 1.50	403	32	165	68	45	—	35	—	58	—	—	—
1.51 or more	132	—	51	4	—	8	32	—	32	5	—	—
Lacking some or all plumbing facilities	310	10	17	—	5	—	10	—	11	—	198	59
0.50 or less	92	—	—	—	—	—	5	—	—	—	64	23
0.51 to 1.00	187	10	7	—	—	—	—	—	—	—	134	36
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	31	—	10	—	5	—	5	—	11	—	—	—
UNITS IN STRUCTURE												
1	4 797	618	1 183	380	500	117	496	12	621	22	654	194
2 to 4	2 438	328	595	87	121	60	194	—	289	13	608	143
5 to 19	3 275	314	426	30	98	43	448	11	492	36	1 168	209
20 or more	1 804	150	103	15	104	89	167	10	245	34	380	507
Mobile home or trailer	50	—	4	—	3	—	—	—	—	10	28	5
GROSS RENT												
Specified renter occupied ²	12 339	1 410	2 301	512	826	305	1 305	33	1 640	115	2 838	1 054
Less than \$50	482	—	18	—	5	15	10	—	5	—	202	222
\$50 to \$59	658	54	171	11	11	20	11	4	48	13	189	126
\$60 to \$69	520	31	45	3	15	23	11	—	75	6	244	87
\$70 to \$79	745	44	51	17	32	17	34	—	159	13	308	87
\$80 to \$99	1 953	272	324	65	83	39	152	8	207	21	611	174
\$100 to \$119	2 136	402	399	82	78	49	207	8	268	22	482	139
\$120 to \$149	3 080	437	687	127	187	60	383	11	489	5	544	150
\$150 to \$199	1 963	149	472	134	245	49	370	—	326	17	160	41
\$200 to \$299	468	17	103	56	93	10	84	5	51	—	37	12
\$300 or more	34	—	4	—	4	5	12	—	—	—	—	—
No cash rent	300	4	31	13	72	27	31	—	12	13	61	36
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	12 339	1 410	2 301	512	826	305	1 305	33	1 640	115	2 838	1 054
Less than \$5,000	6 525	621	497	34	170	136	987	23	1 243	81	1 834	899
Less than 20 percent	244	20	38	—	15	5	—	—	23	—	114	29
20 to 24 percent	337	35	47	—	15	28	14	—	28	10	121	39
25 to 34 percent	1 004	153	128	4	20	26	57	—	126	5	354	131
35 percent or more	4 501	397	260	24	82	62	822	23	992	51	1 150	638
Not computed	439	16	24	6	38	15	94	—	74	15	95	62
\$5,000 to \$9,999	3 801	679	1 079	173	262	90	250	10	325	31	786	116
Less than 20 percent	1 776	292	540	92	141	29	66	—	122	25	428	41
20 to 24 percent	944	224	265	37	60	24	47	5	73	3	179	27
25 to 34 percent	858	147	224	28	33	16	114	—	118	—	141	37
35 percent or more	136	16	31	10	4	10	18	5	12	3	21	6
Not computed	87	—	19	6	24	11	5	—	—	—	17	5
\$10,000 to \$14,999	1 397	91	532	229	192	47	54	—	63	3	163	23
Less than 20 percent	1 226	87	493	192	159	30	43	—	56	—	143	23
20 to 24 percent	103	4	22	30	15	—	—	—	7	—	20	—
25 percent or more	32	—	9	—	—	—	6	—	—	—	—	—
Not computed	36	—	8	7	18	—	—	—	—	3	—	—
\$15,000 or more	616	19	193	76	202	32	14	—	9	—	55	16
Less than 20 percent	607	19	193	72	202	27	14	—	9	—	55	16
20 to 24 percent	4	—	—	4	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	5	—	—	—	—	5	—	—	—	—	—	—

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

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

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

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

Eugene	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	13 411	1 600	4 344	2 179	2 466	1 521	860	300	141	2.8
BEDROOMS										
None and 1	618	366	193	41	—	18	—	—	—	1.3
2	3 759	845	2 071	564	224	36	—	—	19	2.0
3	6 228	335	2 027	1 288	1 571	675	197	116	19	3.1
4 or more	2 778	60	248	290	542	691	606	240	101	4.9
YEAR STRUCTURE BUILT										
1969 to March 1970	438	14	96	56	141	76	19	22	14	3.9
1965 to 1968	1 576	121	361	250	375	269	146	45	9	3.6
1960 to 1964	2 332	142	567	396	590	366	172	76	23	3.6
1950 to 1959	4 461	431	1 477	755	886	488	268	91	65	2.9
1940 to 1949	2 248	354	848	415	280	174	134	26	17	2.4
1939 or earlier	2 356	538	995	307	194	148	121	40	13	2.1
UNITS IN STRUCTURE										
1	12 581	1 270	4 009	2 103	2 402	1 506	850	300	141	3.0
2 or more	622	254	221	66	60	11	10	—	—	1.8
Mobile home or trailer	208	76	114	10	4	—	—	—	—	1.7
COMPLETE BATHROOMS										
1 and 1 1/2	9 154	1 380	3 295	1 489	1 433	889	442	141	85	2.5
2 and 2 1/2	3 661	124	869	680	877	612	341	105	53	3.7
3 or more	486	22	94	43	138	53	96	34	6	4.1
None or also used by another household	111	51	42	17	7	—	—	—	—	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	11 811	...	4 344	2 179	2 466	1 521	860	300	141	3.2
Male head, wife present, no nonrelatives	10 616	...	3 739	1 875	2 314	1 431	820	300	137	3.5
Under 25 years	1 135	...	71	27	21	—	—	—	5	2.5
25 to 34 years	1 629	...	157	329	619	312	136	65	11	4.0
35 to 44 years	2 566	...	161	235	807	677	489	119	78	4.6
45 to 64 years	4 752	...	2 025	1 143	843	406	191	105	39	2.8
65 years and over	1 534	...	1 325	141	24	25	4	11	4	2.1
Other male head	371	...	161	102	57	25	22	—	4	2.7
Under 65 years	295	...	107	84	53	25	22	—	4	3.0
65 years and over	76	...	54	18	4	—	—	—	—	...
Female head	824	...	444	202	95	65	18	—	—	2.4
Under 65 years	608	...	296	155	85	54	18	—	—	2.6
65 years and over	216	...	148	47	10	11	—	—	—	2.2
One-person households	1 600	1 600	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	12 432	1 259	3 955	2 081	2 369	1 491	840	300	137	3.0
Less than 1.5	4 736	128	1 420	970	998	641	385	114	80	3.3
1.5 to 1.9	2 759	117	712	485	608	456	217	132	32	3.6
2.0 to 2.4	1 630	91	464	270	383	237	145	30	10	3.5
2.5 to 2.9	830	137	316	107	145	54	55	10	6	2.4
3.0 to 3.9	865	135	422	103	105	66	19	10	5	2.2
4.0 or more	1 493	597	565	146	121	37	19	4	4	1.8
Not computed	119	54	56	—	9	—	—	—	—	1.6
Renter occupied housing units	12 364	3 896	4 421	1 981	1 151	570	212	95	38	2.0
BEDROOMS										
None	926	694	178	18	18	18	—	—	—	1.2
1	4 372	2 336	1 665	277	75	19	—	—	—	1.4
2	4 922	645	2 009	1 405	539	275	28	—	21	2.4
3 or more	2 131	142	356	435	589	351	149	82	27	3.7
YEAR STRUCTURE BUILT										
1969 to March 1970	452	139	214	44	43	—	3	4	5	1.9
1965 to 1968	2 233	743	897	357	117	73	31	10	5	1.9
1960 to 1964	1 917	450	748	385	196	94	27	17	—	2.2
1950 to 1959	2 222	608	763	394	248	120	52	37	—	2.2
1940 to 1949	2 291	651	778	364	244	160	71	13	10	2.1
1939 or earlier	3 249	1 305	1 021	437	303	123	28	14	18	1.8
UNITS IN STRUCTURE										
1	4 797	848	1 461	946	767	449	197	91	38	2.6
2	1 366	371	564	265	95	62	4	4	—	2.1
3 and 4	1 072	380	428	153	87	24	—	—	—	1.9
5 to 9	1 660	692	675	194	81	18	—	—	—	1.7
10 to 19	1 615	685	642	218	55	9	6	—	—	1.7
20 or more	1 804	887	638	201	65	8	5	—	—	1.5
Mobile home or trailer	50	33	13	4	—	—	—	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	11 509	3 561	4 260	1 856	1 055	480	190	85	22	2.0
2 or more	414	34	109	80	72	60	32	13	14	3.3
None or also used by another household	445	356	75	7	7	—	—	—	—	1.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	8 468	...	4 421	1 981	1 151	570	212	95	38	2.5
Male head, wife present, no nonrelatives	5 368	...	2 688	1 187	762	446	173	85	27	2.5
Under 25 years	1 410	...	941	346	86	33	4	—	—	2.2
25 to 34 years	2 311	...	960	542	444	248	80	25	12	2.9
35 to 44 years	3 112	...	96	73	122	121	62	29	9	4.2
45 to 64 years	626	...	403	218	101	40	27	31	6	2.5
65 years and over	309	...	288	8	9	4	—	—	—	2.0
Other male head	1 338	...	800	313	155	50	14	6	—	2.3
Under 65 years	1 305	...	775	313	147	50	14	—	—	2.3
65 years and over	33	...	25	—	8	—	—	—	—	...
Female head	1 762	...	933	481	234	74	25	4	11	2.4
Under 65 years	1 647	...	828	471	234	74	25	4	11	2.5
65 years and over	115	...	105	10	—	—	—	—	—	2.0
One-person households	3 896	3 896	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	12 339	3 892	4 417	1 981	1 144	566	212	89	38	2.0
Less than 10 percent	629	185	215	83	104	22	14	6	—	2.1
10 to 14 percent	1 459	290	660	194	169	74	33	33	6	2.2
15 to 19 percent	1 765	374	677	340	175	144	42	13	—	2.3
20 to 24 percent	1 388	386	489	230	150	86	13	28	6	2.1
25 to 34 percent	1 891	663	622	290	179	65	53	4	15	2.0
35 percent or more	4 640	1 815	1 556	743	325	145	40	5	11	1.8
Not computed	567	179	198	101	42	30	17	—	—	2.0

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

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

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

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

Eugene				Eugene					
	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	146	72	30	44	Vacant for rent	617	411	138	68
ROOMS					ROOMS				
1 to 3 rooms	3	3	-	-	1 room	48	16	17	15
4 rooms	17	15	2	-	2 rooms	103	70	23	10
5 rooms	44	27	7	10	3 rooms	131	84	31	16
6 rooms	31	23	6	2	4 rooms	154	125	22	7
7 rooms or more	51	4	15	32	5 rooms	95	66	18	11
					6 rooms	56	28	24	4
					7 rooms or more	30	22	3	5
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	146	72	30	44	With all plumbing facilities	602	400	134	68
Lacking some or all plumbing facilities	-	-	-	-	Lacking some or all plumbing facilities	15	11	4	-
BEDROOMS					BEDROOMS				
None and 1	15	15	-	-	None	45	29	-	16
2	47	16	16	15	1	164	89	30	45
3	80	33	15	32	2	300	198	73	29
4 or more	16	-	-	16	3 or more	133	73	46	14
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	33	6	6	21	1969 to March 1970	43	27	12	4
1960 to 1968	35	22	3	10	1960 to 1968	241	169	51	21
1950 to 1959	45	25	15	5	1950 to 1959	89	72	10	7
1949 or earlier	33	19	6	8	1949 or earlier	244	143	65	36
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	137	63	30	44	1	198	120	52	26
2 or more	9	9	-	-	2 to 4	115	85	27	3
					5 to 9	83	41	24	18
					10 to 19	104	92	12	-
					20 or more	117	73	23	21
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	15	6	9	-	1	198	120	52	26
Warm-air furnace	23	12	3	8	2 to 4	115	85	27	3
Built-in electric units	93	41	16	36	5 to 9	83	41	24	18
Floor, wall, or pipeless furnace	5	5	-	-	10 to 19	104	92	12	-
Other means	10	8	2	-	20 or more	117	73	23	21
None	-	-	-	-					
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	137	63	30	44	Specified vacant for rent ²	617	411	138	68
Less than \$5,000	-	-	-	-	Less than \$50	34	26	4	4
\$5,000 to \$9,999	10	4	2	4	\$50 to \$59	24	3	14	7
\$10,000 to \$14,999	17	12	-	5	\$60 to \$79	64	42	19	3
\$15,000 to \$19,999	34	21	10	3	\$80 to \$99	147	94	40	13
\$20,000 to \$24,999	33	20	3	10	\$100 to \$119	131	102	17	12
\$25,000 to \$34,999	16	3	3	10	\$120 to \$149	127	90	27	10
\$35,000 to \$49,999	21	3	12	6	\$150 to \$199	53	40	9	4
\$50,000 or more	6	-	6	6	\$200 or more	37	14	8	15
Median price asked	\$21 100	...	...	...	Median rent asked	\$106	\$108	\$96	...

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]

Eugene	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	137	10	17	34	33	16	27	617	58	64	147	258	53	37
PLUMBING FACILITIES														
With all plumbing facilities	127	16	31	49	15	16	-	642	42	73	176	243	30	78
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	209	14	73	44	32	-	46
2	31	16	-	-	15	-	-	300	14	-	88	166	16	16
3	80	-	31	49	-	-	-	31	-	-	15	-	-	16
4 or more	16	-	-	-	-	16	-	102	14	-	29	45	14	-
YEAR STRUCTURE BUILT														
1969 to March 1970	33	-	3	6	-	6	18	43	4	-	7	17	4	11
1960 to 1968	30	-	-	8	15	4	3	241	13	18	41	120	23	26
1950 to 1959	41	2	2	17	14	3	3	89	4	4	25	48	8	-
1949 or earlier	33	8	12	3	4	3	3	244	37	42	74	73	18	-
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	198	29	10	84	49	23	3
2 to 4	...	...	...	...	...	...	...	115	12	21	18	45	-	19
5 to 19	...	...	...	...	...	...	...	187	10	19	42	92	24	-
20 or more	...	...	...	...	...	...	...	117	7	14	3	72	6	15
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	82	10	24	8	40	-	-
Some or no utilities included	...	...	...	...	...	...	...	535	48	40	139	218	53	37

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

Appendix A.—AREA CLASSIFICATIONS

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USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

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

Comparability with 1960 data.

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

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

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

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

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

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume 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>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>FOR CENSUS ENUMERATOR'S USE ONLY</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; margin-right: 50px;"><i>Phone number</i></p>	<p>H10a. Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p>	<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>	a4. Block number	a5. Serial number	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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<p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p>	<p>H11. If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p>	<p>B. Type of unit or quarters</p> <p>Occupied</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p>Vacant</p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p>Group quarters</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p>																						
<p>H3. Do you have complete kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p>	<p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p><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>C. Vacancy status</p> <p>Year round—</p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p>																						
<p>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</p> <p><input type="radio"/> 2 rooms</p> <p><input type="radio"/> 3 rooms</p> <p><input type="radio"/> 4 rooms</p> <p><input type="radio"/> 5 rooms</p> <p><input type="radio"/> 6 rooms</p> <p><input type="radio"/> 7 rooms</p> <p><input type="radio"/> 8 rooms</p> <p><input type="radio"/> 9 rooms or more</p>	<p>H12. Answer this question if you pay rent for your living quarters.</p> <p>b. If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center;"><i>(Nearest dollar) (Week, half-month, year, etc.)</i></p>	<p>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>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>C/O <input type="radio"/> <input type="radio"/></p>																						
<p>H6. Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p>																								
<p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p>																								
<p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>																								

APPENDIX B—Continued

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

<p>H13. Answer question H13 if you pay rent for your living quarters.</p> <p>In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <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?</p> <p>Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</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?</p> <p>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</p> <p>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?</p> <p>Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input 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?</p> <p>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

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

	<i>Male Head With Own Children Under 18</i>
1	1-person household
2	2-person household
3	3-person household
.	.
.	.
6	6-or-more-person household
	<i>Male Head Without Own Children Under 18</i>
7-12	1-person to 6-or-more-person households
	<i>Female Head</i>
13-18	1-person to 6-or-more-person households
	STAGE II
	<i>Owner Occupied</i>
19	Negro
20	Not Negro
	<i>Renter Occupied</i>
21	Negro
22	Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

APPENDIX C—Continued

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

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

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

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

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

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

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

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

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

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

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

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

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

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

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

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

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume 11.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

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

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

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

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

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

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

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



OFFICIAL BUSINESS

Table

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

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

EVANSVILLE, IND.-KY.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-67

The background of the lower half of the cover is a dark, textured surface. On the left side, there is a stylized, white silhouette of a city skyline with various building heights. Below the skyline, there is a collection of white silhouettes of various types of houses, including single-story bungalows, two-story houses with gables, and mobile homes. The text "1970 CENSUS OF HOUSING" is printed in large, white, bold, sans-serif capital letters in the center of the lower half, overlapping the house silhouettes.

1970 CENSUS OF HOUSING

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

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THE CENSUS

U. S. DEPARTMENT OF COMMERCE

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James T. Lynn, Under Secretary

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

Social and Economic Statistics Administration

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George Hay Brown, Director

Robert L. Hagan, Acting Deputy Director

Conrad Taeuber, Associate Director

Daniel B. Levine, Acting Deputy Associate Director

David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

Arthur F. Young, Chief

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

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

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

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**EVANSVILLE, IND.-KY.
STANDARD METROPOLITAN
STATISTICAL AREA**

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8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

LIST OF HC(2) REPORTS

Report number	Area	Report number	Area	Report number	Area
1	United States and Regions	43	Chattanooga, Tenn.-Ga. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
2	Abilene, Tex. SMSA	44	Chicago, Ill. SMSA	86	Greenville, S.C. SMSA
3	Akron, Ohio SMSA	45	Cincinnati, Ohio-Ky.-Ind. SMSA	87	Hamilton-Middletown, Ohio SMSA
4	Albany, Ga. SMSA	46	Cleveland, Ohio SMSA	88	Harrisburg, Pa. SMSA
5	Albany-Schenectady-Troy, N.Y. SMSA	47	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
7	Allentown-Bethlehem-Easton, Pa.-N.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8	Altoona, Pa. SMSA	50	Columbus, Ga.-Ala. SMSA	92	Huntington-Ashland, W. Va.-Ky.-Ohio SMSA
9	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	93	Huntsville, Ala. SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
12	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-Ill. SMSA	97	Jacksonville, Fla. SMSA
14	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jersey City, N.J. SMSA
15	Atlanta, Ga. SMSA	57	Decatur, Ill. SMSA	99	Johnstown, Pa. SMSA
16	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	100	Kalamazoo, Mich. SMSA
17	Augusta, Ga.-S.C. SMSA	59	Des Moines, Iowa SMSA	101	Kansas City, Mo.-Kans. SMSA
18	Austin, Tex. SMSA	60	Detroit, Mich. SMSA	102	Kenosha, Wis. SMSA
19	Bakersfield, Calif. SMSA	61	Dubuque, Iowa SMSA	103	Knoxville, Tenn. SMSA
20	Baltimore, Md. SMSA	62	Duluth-Superior, Minn.-Wis. SMSA	104	La Crosse, Wis. SMSA
21	Baton Rouge, La. SMSA	63	Durham, N.C. SMSA	105	Lafayette, La. SMSA
22	Bay City, Mich. SMSA	64	El Paso, Tex. SMSA	106	Lafayette-West Lafayette, Ind. SMSA
23	Beaumont-Port Arthur-Orange, Tex. SMSA	65	Erie, Pa. SMSA	107	Lake Charles, La. SMSA
24	Billings, Mont. SMSA	66	Eugene, Oreg. SMSA	108	Lancaster, Pa. SMSA
25	Biloxi-Gulfport, Miss. SMSA	67	Evansville, Ind.-Ky. SMSA	109	Lansing, Mich. SMSA
26	Binghamton, N.Y.-Pa. SMSA	68	Fall River, Mass.-R.I. SMSA	110	Laredo, Tex. SMSA
27	Birmingham, Ala. SMSA	69	Fargo-Moorhead, N. Dak.-Minn. SMSA	111	Las Vegas, Nev. SMSA
28	Bloomington-Normal, Ill. SMSA	70	Fayetteville, N.C. SMSA	112	Lawrence-Haverhill, Mass.-N.H. SMSA
29	Boise City, Idaho SMSA	71	Fitchburg-Leominster, Mass. SMSA	113	Lawton, Okla. SMSA
30	Boston, Mass. SMSA	72	Flint, Mich. SMSA	114	Lewiston-Auburn, Maine SMSA
31	Bridgeport, Conn. SMSA	73	Fort Lauderdale-Hollywood, Fla. SMSA	115	Lexington, Ky. SMSA
32	Bristol, Conn. SMSA	74	Fort Smith, Ark.-Okla. SMSA	116	Lima, Ohio SMSA
33	Brockton, Mass. SMSA	75	Fort Wayne, Ind. SMSA	117	Lincoln, Nebr. SMSA
34	Brownsville-Harlingen-San Benito, Tex. SMSA	76	Fort Worth, Tex. SMSA	118	Little Rock-North Little Rock, Ark. SMSA
35	Bryan-College Station, Tex. SMSA	77	Fresno, Calif. SMSA	119	Lorain-Elyria, Ohio SMSA
36	Buffalo, N.Y. SMSA	78	Gadsden, Ala. SMSA	120	Los Angeles-Long Beach, Calif. SMSA
37	Canton, Ohio SMSA	79	Gainesville, Fla. SMSA	121	Louisville, Ky.-Ind. SMSA
38	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	122	Lowell, Mass. SMSA
39	Champaign-Urbana, Ill. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA	123	Lubbock, Tex. SMSA
40	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA	124	Lynchburg, Va. SMSA
41	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA	125	Macon, Ga. SMSA
42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	126	Madison, Wis. SMSA

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

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

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

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

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GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

INTRODUCTION—Continued

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

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

PROCESSING PROCEDURES

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

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

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

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

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METROPOLITAN HOUSING CHARACTERISTICS

Evansville, Ind.-Ky.

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 67.]

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	—	—
Evansville	B	10 to 18	—	—

LIST OF TABLES

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

TABLE

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

TABLE

15	Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
16	Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
17	Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
18	Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
19	Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970
20	Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language: 1970
21	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
22	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
23	Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
24	Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
25	Household Composition for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
26	Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

Counties, Standard Metropolitan Statistical Areas, and Selected Places

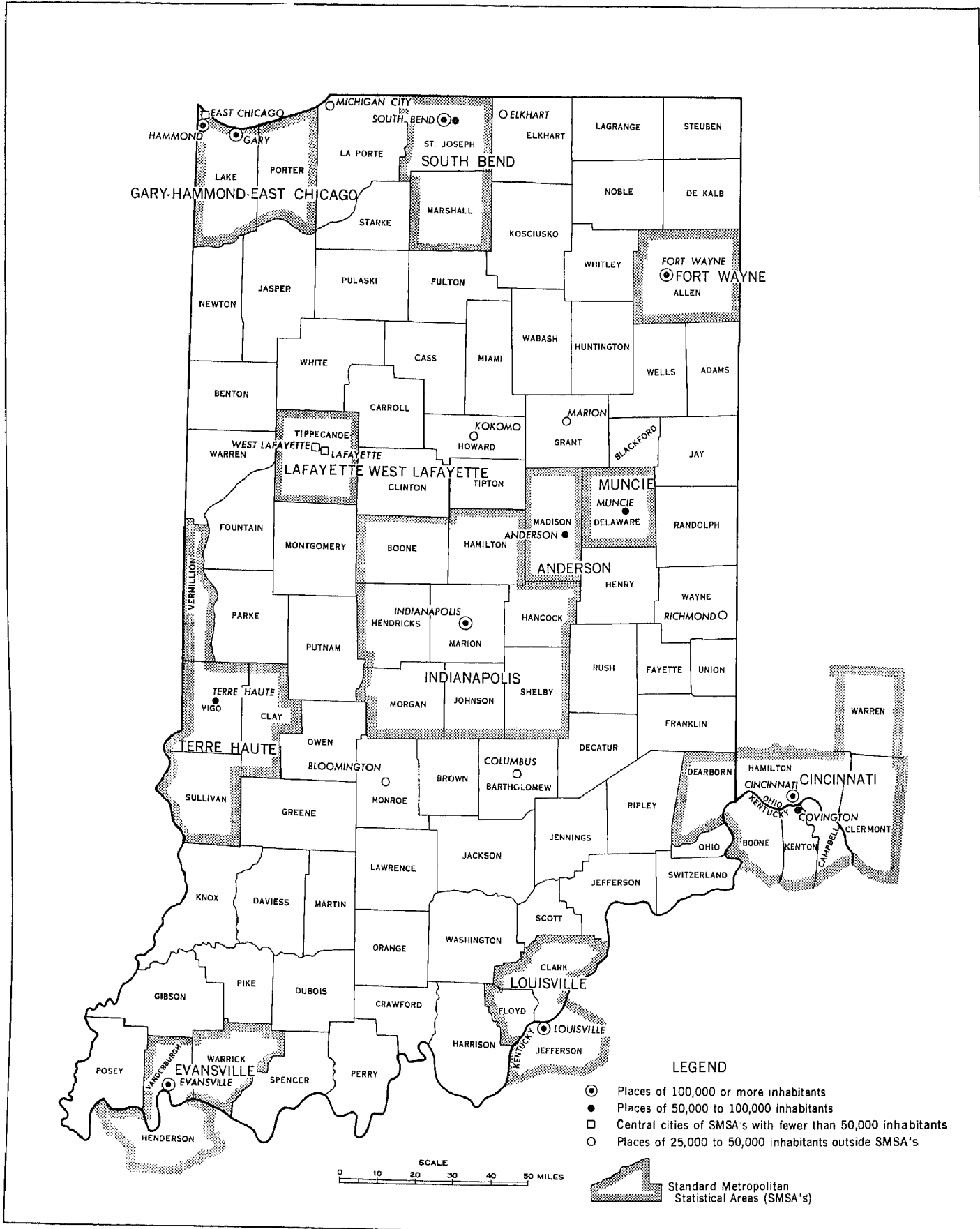


Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	21 778	2 112	1 303	2 202	2 439	4 414	3 135	2 648	1 695	507	54	1 269	89
ROOMS													
1 room	484	205	75	65	43	46	12	17	5	—	—	16	54
2 rooms	1 878	437	289	342	186	283	60	150	21	6	—	104	65
3 rooms	6 089	853	472	994	1 087	1 288	566	417	215	18	—	179	76
4 rooms	7 181	442	283	583	748	1 672	1 350	858	716	139	5	385	96
5 rooms	4 145	146	130	173	305	828	836	824	465	171	5	262	109
6 rooms	1 237	10	26	31	46	210	220	238	193	74	26	163	119
7 rooms	460	9	22	4	6	68	56	96	62	39	14	84	127
8 rooms or more	304	10	6	10	18	19	35	48	18	60	4	76	130
Median	3.8	3.0	3.1	3.2	3.4	3.9	4.2	4.4	4.3	5.0	...	4.4	...
PERSONS													
1 person	5 941	1 175	624	868	737	849	472	481	275	60	10	390	71
2 persons	6 261	486	284	605	768	1 389	911	755	504	163	25	371	91
3 persons	3 811	166	181	321	421	909	706	526	303	106	5	167	95
4 persons	2 737	143	94	187	243	552	511	428	329	99	4	147	103
5 persons	1 402	53	46	101	157	310	217	230	147	43	—	98	99
6 persons or more	1 626	89	74	120	113	405	318	228	137	36	10	96	98
Median	2.3	1.4	1.6	1.9	2.1	2.5	2.8	2.7	2.7	2.8	...	2.2	...
Units with roomers, boarders, or lodgers	445	20	31	48	31	75	54	100	49	6	—	31	101
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	8 817	850	536	957	986	1 575	1 183	1 075	743	256	40	1 088	92
0.51 to 1.00	9 211	538	383	830	1 038	2 131	1 549	1 296	823	209	8	406	94
1.01 to 1.50	1 558	87	44	152	161	414	287	249	86	27	6	45	94
1.51 or more	595	42	41	77	86	185	96	16	27	4	—	21	83
Lacking some or all plumbing facilities													
0.50 or less	722	302	135	55	66	28	6	—	11	7	—	112	50
0.51 to 1.00	645	261	133	92	60	41	9	—	5	4	—	40	53
1.01 to 1.50	106	10	5	23	27	21	—	7	—	—	—	13	...
1.51 or more	124	22	26	16	15	19	5	5	—	—	—	16	64
BEDROOMS													
None	586	204	68	92	46	64	23	17	25	—	—	47	60
1	8 563	1 234	597	1 343	1 297	1 730	1 017	683	244	23	—	395	77
2	8 779	389	457	745	884	2 058	1 521	1 198	910	206	—	411	96
3 or more	3 829	195	122	78	210	628	550	692	628	194	66	466	116
YEAR STRUCTURE BUILT													
1969 to March 1970	517	34	10	26	6	41	71	158	114	32	—	25	131
1965 to 1968	1 954	290	17	31	18	96	101	345	714	255	30	57	154
1960 to 1964	676	108	23	15	16	51	62	173	94	39	10	85	124
1950 to 1959	2 524	252	127	171	215	403	367	461	230	86	9	203	100
1940 to 1949	3 577	165	150	312	511	819	734	523	207	21	—	135	95
1939 or earlier	12 530	1 263	976	1 647	1 673	3 004	1 800	988	336	74	5	764	82
ELEVATOR IN STRUCTURE													
4 floors or more	531	198	—	23	41	43	—	23	88	71	44	—	82
With elevator	513	198	—	23	43	43	—	23	88	71	44	—	87
Walk-up	18	—	—	—	—	—	—	—	—	—	—	—	...
1 to 3 floors	21 226	1 824	1 244	2 235	2 396	4 437	3 111	2 567	1 719	352	22	1 319	96
COMPLETE BATHROOMS													
1 and 1 1/2	19 348	1 442	1 018	1 956	2 224	4 161	3 100	2 526	1 593	340	6	982	91
2 or more	657	—	8	6	33	43	46	72	104	189	47	109	182
None or also used by another household	1 763	671	322	203	155	151	42	22	13	10	—	174	54
INCOME IN 1969													
Less than \$2,000	4 266	1 174	517	561	426	612	278	181	125	33	10	349	65
\$2,000 to \$2,999	1 701	304	183	249	258	264	186	94	44	6	—	113	72
\$3,000 to \$3,999	1 926	155	132	294	293	487	216	170	49	25	—	105	81
\$4,000 to \$4,999	1 906	140	150	248	271	466	286	162	82	21	5	75	84
\$5,000 to \$5,999	1 888	93	65	185	251	571	320	200	81	21	—	101	88
\$6,000 to \$6,999	1 734	74	92	176	263	375	316	198	94	18	—	128	91
\$7,000 to \$9,999	4 310	77	115	334	466	1 038	859	739	413	48	—	221	100
\$10,000 to \$14,999	2 925	66	44	138	169	493	571	700	480	135	10	117	117
\$15,000 to \$24,999	978	17	5	12	38	87	91	188	304	173	14	49	154
\$25,000 or more	144	12	—	5	4	21	12	16	23	27	15	9	145
Median	\$5 600	\$2 000	\$2 700	\$4 000	\$4 900	\$5 700	\$6 900	\$8 300	\$9 700	\$13 000	...	\$4 900	...
YEAR MOVED INTO UNIT													
1969 to March 1970	9 084	566	383	739	929	1 900	1 441	1 379	1 137	279	35	296	98
1968	3 111	288	192	281	393	658	443	372	252	80	6	146	89
1967	1 663	188	116	125	224	258	328	203	76	37	—	108	90
1965 and 1966	2 463	351	147	226	266	480	382	299	131	46	6	129	87
1960 to 1964	3 131	446	274	438	352	713	386	206	53	50	6	207	79
1950 to 1959	1 640	203	139	275	215	267	139	111	38	26	—	227	74
1949 or earlier	676	71	97	81	33	79	69	50	23	21	—	152	74
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 841	346	168	285	299	361	167	111	94	—	10	...	74
10 to 14 percent	4 362	277	200	487	621	1 078	750	540	300	104	5	...	89
15 to 19 percent	3 772	199	167	336	375	676	540	640	350	100	5	...	97
20 to 24 percent	2 538	223	126	228	215	456	456	444	299	91	—	...	101
25 to 34 percent	2 829	319	142	203	347	633	472	350	278	72	13	...	92
35 percent or more	4 776	686	468	596	521	899	556	524	365	140	21	...	82
Not computed	1 660	62	32	67	61	63	58	39	9	—	—	1 269	76
AIR CONDITIONING													
Room unit(s)	6 307	201	175	374	644	1 391	1 398	1 039	497	109	6	473	102
Central system	2 399	22	11	24	54	141	181	495	906	350	47	168	160
None	13 062	1 890	1 162	1 767	1 714	2 823	1 609	1 086	307	80	—	624	78

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

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

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	52 191	104	264	2 046	14 115	18 972	9 469	4 087	3 134	5.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	50 062	79	132	1 574	13 335	18 208	9 447	4 143	3 144	5.0
PERSONS										
1 person	6 832	57	175	982	2 616	1 921	675	247	159	4.3
2 persons	16 859	19	72	779	6 266	5 970	2 341	872	540	4.7
3 persons	9 388	15	—	149	2 414	3 814	1 781	730	485	5.1
4 persons	8 684	4	5	56	1 699	3 451	2 030	865	574	5.2
5 persons	5 251	9	7	34	689	2 082	1 251	607	572	5.4
6 persons or more	5 177	—	5	46	431	1 734	1 391	766	804	5.8
Median	2.8	1.4	1.3	1.6	2.2	2.9	3.5	3.7	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	50 338	76	154	1 623	13 364	18 591	9 353	4 057	3 120	5.0
0.50 or less	25 431	—	104	733	8 380	7 706	4 718	1 844	1 946	5.0
0.51 to 1.00	21 123	29	40	790	3 934	9 197	3 947	2 054	1 132	5.1
1.01 to 1.50	3 170	—	—	36	900	1 442	643	111	38	5.0
1.51 or more	614	47	10	64	150	246	45	48	4	4.6
Lacking some or all plumbing facilities	1 853	28	110	423	751	381	116	30	14	4.0
0.50 or less	1 100	—	71	249	502	185	79	5	9	4.0
0.51 to 1.00	582	28	32	138	179	150	31	19	5	4.0
1.01 to 1.50	91	—	—	20	43	22	—	6	—	...
1.51 or more	80	—	7	16	27	24	6	—	—	...
BEDROOMS										
None and 1	4 275	81	343	1 824	1 378	554	41	16	38	3.4
2	22 162	—	—	409	12 050	7 940	1 475	228	60	4.4
3	20 723	—	—	—	643	10 822	6 494	2 111	651	5.4
4 or more	4 964	—	—	—	—	89	1 093	1 537	2 245	7.3
YEAR STRUCTURE BUILT										
1969 to March 1970	1 279	—	—	19	239	387	231	226	177	5.5
1960 to 1968	8 145	32	45	148	1 378	2 979	1 784	872	907	5.3
1950 to 1959	12 728	18	32	254	3 165	5 609	2 289	925	436	5.0
1949 or earlier	30 039	54	187	1 625	9 333	9 997	5 165	2 064	1 614	4.9
COMPLETE BATHROOMS										
1 and 1 1/2	43 314	87	126	1 542	13 188	17 103	7 616	2 394	1 258	4.9
2 or more	6 836	—	6	32	194	1 132	1 837	1 749	1 886	6.6
None or also used by another household	2 041	26	107	444	806	436	169	34	19	4.1
VALUE-INCOME RATIO										
Specified owner occupied ¹	44 854	55	103	1 198	11 650	16 948	8 414	3 696	2 790	5.1
Less than 1.5	22 003	18	24	460	6 090	8 736	4 144	1 531	1 000	5.0
1.5 to 1.9	8 101	4	12	158	1 628	2 973	1 809	835	682	5.3
2.0 to 2.9	6 723	15	5	188	1 399	2 512	1 296	731	577	5.2
3.0 or more	7 663	13	62	377	2 448	2 610	1 087	573	493	4.9
Not computed	364	5	—	15	85	117	78	26	38	5.2
Renter occupied housing units	22 664	484	1 901	6 137	7 494	4 404	1 378	520	346	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	20 523	156	1 475	5 570	6 910	4 290	1 374	457	291	3.9
PERSONS										
1 person	6 003	426	1 340	2 603	1 172	343	70	23	26	3.0
2 persons	6 490	44	396	2 173	2 366	1 048	331	81	51	3.8
3 persons	3 968	—	107	861	1 820	874	170	86	50	4.1
4 persons	2 890	14	44	247	1 237	968	209	103	68	4.4
5 persons	1 499	—	10	153	469	551	208	73	35	4.7
6 persons or more	1 814	—	4	100	430	620	390	154	116	5.1
Median	2.3	1.1	1.2	1.7	2.6	3.4	4.1	4.2	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	20 786	248	1 476	5 702	6 964	4 282	1 321	474	319	3.9
0.50 or less	9 001	—	1 014	2 435	3 295	1 353	553	162	189	3.8
0.51 to 1.00	9 500	219	328	2 843	2 874	2 343	562	224	107	4.0
1.01 to 1.50	1 671	—	85	215	644	465	176	63	23	4.3
1.51 or more	614	29	49	209	151	121	30	25	—	3.6
Lacking some or all plumbing facilities	1 878	236	425	435	530	530	57	46	27	3.1
0.50 or less	843	—	326	168	243	138	28	28	22	3.1
0.51 to 1.00	743	207	68	191	183	50	15	14	5	3.0
1.01 to 1.50	153	—	22	32	63	23	9	4	—	3.9
1.51 or more	139	29	9	44	41	11	—	—	—	3.2
BEDROOMS										
None	586	472	91	23	—	—	—	—	—	1.1
1	8 605	—	1 610	5 758	1 013	208	16	—	—	3.0
2	9 138	—	—	620	6 245	1 898	264	44	67	4.1
3 or more	4 281	—	—	—	104	2 286	975	535	381	5.4
YEAR STRUCTURE BUILT										
1969 to March 1970	522	6	91	160	164	68	9	11	13	3.5
1960 to 1968	2 707	22	242	699	1 090	434	141	60	39	3.9
1950 to 1959	2 596	17	62	452	986	764	201	77	37	4.3
1949 or earlier	16 839	439	1 506	4 826	5 254	3 138	1 027	372	277	3.8
COMPLETE BATHROOMS										
1 and 1 1/2	19 933	206	1 475	5 565	6 795	4 138	1 236	348	170	3.9
2 or more	674	6	14	12	122	152	138	109	121	5.7
None or also used by another household	2 057	278	438	443	619	130	73	46	30	3.2
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	21 778	484	1 878	6 089	7 181	4 145	1 237	460	304	3.8
Less than 10 percent	1 841	69	130	462	585	397	109	54	35	3.9
10 to 14 percent	4 362	93	204	1 072	1 679	925	254	108	27	4.0
15 to 19 percent	3 772	34	244	806	1 437	908	250	53	40	4.1
20 to 24 percent	2 538	43	175	690	825	529	164	73	39	3.9
25 to 34 percent	2 829	63	251	906	952	442	153	37	25	3.7
35 percent or more	4 776	143	721	1 832	1 243	606	124	51	56	3.3
Not computed	1 660	39	153	321	460	338	183	84	82	4.2

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

Table A-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	666	256	212	198	Vacant for rent	1 950	1 252	486	212
ROOMS					ROOMS				
1 to 3 rooms	51	5	15	31	1 room	60	51	4	5
4 rooms	113	36	47	30	2 rooms	324	238	76	10
5 rooms	217	90	66	61	3 rooms	741	474	176	91
6 rooms	161	86	36	39	4 rooms	495	338	123	34
7 rooms or more	124	39	48	37	5 rooms	243	127	67	49
					6 rooms	50	24	19	7
					7 rooms or more	37	-	21	16
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	619	248	200	171	With all plumbing facilities	1 700	1 151	389	160
Locking some or all plumbing facilities	47	8	12	27	Locking some or all plumbing facilities	250	101	97	52
BEDROOMS					BEDROOMS				
None and 1	83	30	13	40	None	96	79	17	-
2	223	85	81	57	1	1 153	803	276	74
3	291	151	69	71	2	505	350	75	80
4 or more	97	29	26	42	3 or more	209	128	65	16
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	141	76	39	26	1969 to March 1970	190	157	33	-
1960 to 1968	88	23	34	31	1960 to 1968	106	91	8	7
1950 to 1959	117	38	39	40	1950 to 1959	292	171	102	19
1949 or earlier	320	119	100	101	1949 or earlier	1 362	833	343	186
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	606	246	192	168	1	690	355	202	133
2 or more	60	10	20	30	2 to 4	793	527	197	69
					5 to 9	287	213	64	10
					10 to 19	77	66	11	-
					20 or more	103	91	12	-
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	8	5	-	3	1	690	355	202	133
Warm-air furnace	498	198	158	142	2 to 4	793	527	197	69
Built-in electric units	4	4	-	-	5 to 9	287	213	64	10
Floor, wall, or pipeless furnace	48	7	23	18	10 to 19	77	66	11	-
Other means	104	42	27	35	20 or more	103	91	12	-
None	4	-	4	-					
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale ¹	579	242	192	145	Specified vacant for rent ²	1 879	1 238	472	169
Less than \$5,000	51	23	15	13	Less than \$50	334	186	117	31
\$5,000 to \$9,999	133	52	54	27	\$50 to \$59	153	89	58	6
\$10,000 to \$14,999	93	33	33	27	\$60 to \$79	612	390	144	78
\$15,000 to \$19,999	75	28	26	21	\$80 to \$99	374	246	97	31
\$20,000 to \$24,999	118	60	28	30	\$100 to \$119	163	127	25	11
\$25,000 to \$34,999	97	46	24	27	\$120 to \$149	135	122	13	-
\$35,000 to \$49,999	12	-	12	-	\$150 to \$199	83	66	13	4
\$50,000 or more	-	-	-	-	\$200 or more	25	12	5	8
Median price asked	\$15 800	\$17 300	\$14 100	\$16 300	Median rent asked	\$75	\$78	\$68	\$72

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

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

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

The SMSA	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	579	184	93	75	118	97	12	1 879	487	612	374	298	83	25
PLUMBING FACILITIES														
With all plumbing facilities	578	145	95	56	132	150	-	1 704	468	652	256	227	101	-
Locking some or all plumbing facilities	29	29	-	-	-	-	-	259	174	17	51	17	-	-
BEDROOMS														
None and 1	27	27	-	-	-	-	-	1 249	470	426	186	167	-	-
2	192	93	56	14	-	29	-	505	95	177	72	77	84	-
3	291	39	39	42	103	68	-	192	77	66	49	-	-	-
4 or more	97	15	-	-	29	53	-	17	-	-	-	-	17	-
YEAR STRUCTURE BUILT														
1969 to March 1970	128	-	5	13	59	43	8	185	8	15	46	82	34	-
1960 to 1968	88	8	9	25	18	28	-	102	4	7	15	40	32	4
1950 to 1959	110	21	34	7	28	16	4	292	49	116	60	59	4	4
1949 or earlier	253	153	45	30	13	10	-	1 300	426	474	253	117	13	17
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	619	207	174	145	63	13	17
2 to 4	...	...	...	...	...	...	...	793	149	334	161	129	16	4
5 to 9	...	...	...	...	...	...	...	364	111	100	56	69	28	-
10 to 19	...	...	...	...	...	...	...	77	66	11	11	11	-	-
20 or more	...	...	...	...	...	...	...	103	20	4	12	37	26	4
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	928	224	344	181	158	8	13
Some or no utilities included	...	...	...	...	...	...	...	951	263	268	193	140	75	12

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

Table 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]

Evansville	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	16 205	1 439	852	1 575	1 814	3 396	2 442	2 119	1 436	413	45	674	91
ROOMS													
1 room	401	178	61	53	38	26	12	17	-	-	-	16	52
2 rooms	1 496	331	222	272	155	240	48	150	21	-	-	57	66
3 rooms	4 738	620	321	753	833	1 071	478	343	205	10	-	104	77
4 rooms	5 271	205	174	364	545	1 278	659	648	139	5	-	174	100
5 rooms	2 983	95	64	112	216	590	586	660	359	159	-	142	112
6 rooms	799	-	5	11	14	143	181	146	40	26	-	82	126
7 rooms	318	5	5	-	-	38	56	67	48	27	14	58	132
8 rooms or more	199	5	-	10	13	10	31	42	9	38	-	41	127
Median	3.8	2.8	2.9	3.1	3.4	3.8	4.1	4.3	4.3	4.9	...	4.4	...
PERSONS													
1 person	4 894	885	506	734	620	721	426	435	260	49	10	248	73
2 persons	4 813	344	166	402	619	1 097	757	609	442	145	20	212	93
3 persons	2 731	73	104	224	291	679	517	413	268	83	5	74	98
4 persons	1 764	77	31	91	126	392	337	322	241	79	4	64	108
5 persons	909	21	26	51	92	219	159	151	117	28	-	45	103
6 persons or more	1 094	39	19	73	66	288	246	189	108	29	6	31	104
Median	2.2	1.3	1.3	1.6	2.0	2.4	2.6	2.5	2.6	2.7	...	1.9	...
Units with roomers, boarders, or lodgers	379	15	31	43	25	65	40	80	49	6	-	25	99
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	15 395	1 116	681	1 472	1 741	3 332	2 432	2 112	1 425	402	45	637	93
0.50 or less	7 174	656	414	760	831	1 290	998	892	664	199	35	435	90
0.51 to 1.00	6 704	403	224	566	740	1 574	1 144	1 015	677	180	4	177	96
1.01 to 1.50	1 108	43	20	105	112	318	208	196	57	23	6	20	96
1.51 or more	409	14	23	41	58	150	82	9	27	-	-	5	86
Lacking some or all plumbing facilities	810	323	171	103	73	64	10	7	11	11	-	37	54
0.50 or less	393	158	92	43	34	22	6	-	11	7	-	20	53
0.51 to 1.00	346	148	74	51	28	27	4	-	4	-	-	10	53
1.01 to 1.50	30	-	-	-	11	5	-	7	-	-	-	7	...
1.51 or more	41	17	5	9	-	10	-	-	-	-	-	-	...
BEDROOMS													
None	542	204	68	92	46	45	23	17	-	-	-	47	56
1	6 679	920	448	836	1 050	1 453	877	624	223	23	-	225	80
2	6 291	272	278	365	625	1 522	1 138	879	811	206	-	195	100
3 or more	2 615	79	42	58	127	460	431	563	464	111	66	214	120
YEAR STRUCTURE BUILT													
1969 to March 1970	397	6	5	4	6	37	71	138	98	32	-	-	135
1965 to 1968	1 527	199	5	13	7	44	59	282	644	236	30	8	162
1960 to 1964	438	87	6	11	4	36	27	118	75	35	5	34	128
1950 to 1959	1 508	140	38	104	136	213	223	331	183	45	5	90	107
1940 to 1949	2 873	131	90	238	415	660	613	447	181	21	-	77	96
1939 or earlier	9 462	876	708	1 205	1 246	2 406	1 449	803	255	44	5	465	83
ELEVATOR IN STRUCTURE													
4 floors or more	512	198	-	23	41	24	-	23	88	71	44	-	79
With elevator	494	198	-	23	23	24	-	23	88	71	44	-	91
Walk-up	18	-	-	-	18	-	-	-	-	-	-	-	...
1 to 3 floors	15 615	1 277	836	1 328	1 807	3 456	2 469	2 060	1 410	269	22	681	93
COMPLETE BATHROOMS													
1 and 1 1/2	14 822	1 058	714	1 504	1 670	3 213	2 410	2 032	1 372	261	-	588	92
2 or more	489	-	-	-	25	39	39	51	61	163	41	70	195
None or also used by another household	885	344	166	128	76	91	21	9	13	10	-	27	55
INCOME IN 1969													
Less than \$2,000	3 164	844	363	414	323	483	252	148	115	24	10	188	67
\$2,000 to \$2,999	1 325	243	133	212	185	226	153	84	39	6	-	43	73
\$3,000 to \$3,999	1 458	77	77	226	227	418	173	139	44	21	-	56	84
\$4,000 to \$4,999	1 406	95	93	195	190	359	208	118	82	21	5	40	86
\$5,000 to \$5,999	1 345	67	30	94	179	472	228	158	70	10	-	37	89
\$6,000 to \$6,999	1 268	27	58	123	215	300	256	131	75	12	-	71	92
\$7,000 to \$9,999	3 233	40	69	243	351	747	666	615	339	38	-	125	103
\$10,000 to \$14,999	2 129	36	24	56	110	322	421	569	407	102	10	70	123
\$15,000 to \$24,999	766	10	5	7	33	53	85	141	240	152	5	35	157
\$25,000 or more	111	-	-	5	-	16	-	16	23	27	15	9	180
Median	\$5 600	\$2 000-	\$2 500	\$3 700	\$4 900	\$5 400	\$6 800	\$8 400	\$9 600	\$13 700	...	\$5 300	...
YEAR MOVED INTO UNIT													
1969 to March 1970	6 726	330	241	518	677	1 457	1 079	1 117	947	214	29	117	102
1968	2 328	228	96	227	280	536	296	277	231	71	6	80	89
1967	1 151	92	70	96	165	165	266	143	67	24	-	63	94
1965 and 1966	1 965	251	117	188	204	375	321	258	103	46	6	96	89
1960 to 1964	2 331	330	207	317	252	540	312	163	37	50	-	123	80
1950 to 1959	1 163	123	87	205	160	191	133	92	38	14	-	120	77
1949 or earlier	532	48	62	81	33	79	63	42	23	15	-	86	80
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 183	171	120	153	212	216	131	92	78	-	10	...	77
10 to 14 percent	3 248	185	110	346	483	766	577	435	245	96	5	...	91
15 to 19 percent	2 887	125	86	234	277	749	512	527	290	82	5	...	99
20 to 24 percent	1 981	167	82	176	144	361	362	356	253	80	-	...	103
25 to 34 percent	2 162	237	108	166	269	507	332	253	235	51	4	...	91
35 percent or more	3 749	508	314	448	378	746	481	423	326	104	21	...	85
Not computed	995	46	32	52	51	51	47	33	9	-	-	674	76
AIR CONDITIONING													
Room unit(s)	4 896	152	131	287	489	1 071	1 123	869	409	90	-	275	103
Central system	2 015	8	-	16	43	98	122	419	831	305	41	132	164
None	9 285	1 242	749	1 329	1 239	2 174	1 225	804	206	39	-	278	80

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

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

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

Evansville	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units -----	30 157	29 677	15 709	11 939	1 751	278	480	314	134	19	13
PERSONS											
1 person.....	4 370	4 175	4 162	13	-	-	195	190	5	-	-
2 persons.....	10 211	10 029	9 572	448	-	9	182	124	58	-	-
3 persons.....	5 318	5 279	1 607	3 667	-	5	39	-	39	-	-
4 persons.....	4 709	4 672	262	4 380	26	4	37	-	27	10	-
5 persons.....	2 791	2 777	106	2 302	360	9	14	-	5	9	-
6 persons or more.....	2 758	2 745	-	1 129	1 365	251	13	-	-	-	13
Median.....	2.6	2.6	1.9	3.9	6.3	7.5+	1.7	1.3	2.6	...	...
Units with roomers, boarders, or lodgers.....	412	404	209	162	33	-	8	4	4	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	289	289	104	172	13	-	-	-	-	-	-
1965 to 1968.....	1 263	1 263	599	599	65	-	-	-	-	-	-
1960 to 1964.....	1 456	1 450	581	786	77	6	6	6	-	-	-
1950 to 1959.....	7 206	7 184	2 763	3 884	462	75	22	-	22	-	-
1940 to 1949.....	5 659	5 592	2 955	2 200	361	76	67	44	9	14	-
1939 or earlier.....	14 300	13 964	8 870	4 191	745	158	336	241	75	12	8
INCOME IN 1969											
Less than \$2,000.....	3 290	3 092	2 747	307	38	-	198	178	20	-	-
\$2,000 to \$2,999.....	1 653	1 567	1 334	219	14	-	86	67	19	-	-
\$3,000 to \$3,999.....	1 305	1 268	1 035	225	8	-	37	22	15	-	-
\$4,000 to \$4,999.....	1 448	1 436	1 094	280	54	8	12	3	5	-	4
\$5,000 to \$5,999.....	1 555	1 521	985	447	58	31	34	15	15	4	-
\$6,000 to \$6,999.....	1 793	1 762	986	677	77	22	31	10	5	10	6
\$7,000 to \$9,999.....	6 557	6 510	2 649	3 187	576	98	47	19	28	-	-
\$10,000 to \$14,999.....	7 747	7 712	2 900	4 103	642	67	35	-	27	5	3
\$15,000 to \$24,999.....	3 818	3 818	1 394	2 108	270	46	-	-	-	-	-
\$25,000 or more.....	991	991	585	385	14	6	-	-	-	-	-
Median.....	\$8 800	\$8 900	\$6 700	\$10 800	\$10 400	\$9 400	\$2 500	\$2000-	\$5 500	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	27 729	27 377	14 322	11 141	1 651	263	352	222	103	14	13
Less than 1.5.....	14 557	14 422	5 834	7 165	1 213	210	135	35	73	14	13
1.5 to 1.9.....	4 803	4 764	2 322	2 148	258	36	39	23	16	-	-
2.0 to 2.4.....	2 327	2 300	1 308	886	102	4	27	27	-	-	-
2.5 to 2.9.....	1 284	1 249	845	346	45	13	35	35	-	-	-
3.0 to 3.9.....	1 421	1 372	1 147	220	5	-	49	44	5	-	-
4.0 or more.....	3 106	3 043	2 696	324	23	-	63	54	9	-	-
Not computed.....	231	227	170	52	5	-	4	4	-	-	-
HEATING EQUIPMENT											
Steam or hot water.....	908	895	508	328	59	-	13	9	4	-	-
Warm-air furnace.....	23 684	23 550	12 418	9 625	1 305	202	134	89	35	10	-
Built-in electric units.....	119	108	64	40	-	4	11	6	5	-	-
Floor, wall, or pipeless furnace.....	2 363	2 325	1 013	1 104	178	30	38	11	22	5	-
Other means.....	3 083	2 799	1 706	842	209	42	284	199	68	4	13
None.....	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units -----	16 228	15 418	7 178	6 718	1 113	409	810	393	346	30	41
PERSONS											
1 person.....	4 894	4 367	4 182	185	-	-	527	348	179	-	-
2 persons.....	4 817	4 657	2 772	1 877	-	8	160	40	98	-	22
3 persons.....	2 736	2 658	177	2 417	64	-	78	5	54	19	-
4 persons.....	1 773	1 759	41	1 534	159	25	14	-	10	4	-
5 persons.....	914	892	6	521	275	90	22	-	5	7	10
6 persons or more.....	1 094	1 085	-	184	615	286	9	-	-	-	9
Median.....	2.2	2.2	1.4	3.0	5.7	7.1	1.3	1.1	1.5	...	...
Units with roomers, boarders, or lodgers.....	379	363	108	227	21	7	16	-	16	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	377	377	231	141	5	-	-	-	-	-	-
1965 to 1968.....	1 479	1 466	866	560	40	-	13	13	-	-	-
1960 to 1964.....	447	447	239	180	21	7	-	-	-	-	-
1950 to 1959.....	1 561	1 543	626	738	167	12	18	12	6	-	-
1940 to 1949.....	2 846	2 821	1 303	1 289	173	56	25	19	-	-	6
1939 or earlier.....	9 508	8 763	3 962	3 733	707	361	745	323	343	41	38
INCOME IN 1969											
Less than \$2,000.....	3 164	2 824	1 991	749	68	16	340	229	101	-	10
\$2,000 to \$2,999.....	1 325	1 204	727	414	37	26	121	84	31	-	6
\$3,000 to \$3,999.....	1 463	1 374	698	482	121	73	89	27	62	-	-
\$4,000 to \$4,999.....	1 411	1 327	625	576	91	35	84	22	53	4	5
\$5,000 to \$5,999.....	1 345	1 293	451	678	94	70	52	5	34	7	6
\$6,000 to \$6,999.....	1 272	1 217	449	580	122	66	55	11	32	7	5
\$7,000 to \$9,999.....	3 237	3 192	1 093	1 768	249	82	45	15	16	5	9
\$10,000 to \$14,999.....	2 134	2 114	767	1 066	256	25	20	-	13	7	-
\$15,000 to \$24,999.....	766	762	307	376	63	16	4	-	4	-	-
\$25,000 or more.....	111	111	70	29	12	-	-	-	-	-	-
Median.....	\$5 600	\$5 800	\$4 300	\$6 800	\$7 300	\$5 800	\$2 500	\$2000-	\$3 700	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	16 205	15 395	7 174	6 704	1 108	409	810	393	346	30	41
Less than 10 percent.....	1 183	1 099	364	557	156	22	84	20	47	7	10
10 to 14 percent.....	3 248	3 137	1 050	1 692	280	115	111	21	75	5	10
15 to 19 percent.....	2 887	2 791	1 026	1 445	237	83	96	17	64	4	11
20 to 24 percent.....	1 981	1 879	904	768	160	47	102	65	30	7	-
25 to 34 percent.....	2 162	2 056	961	916	102	77	106	43	57	-	6
35 percent or more.....	3 749	3 490	2 261	1 031	138	60	259	192	63	-	4
Not computed.....	995	943	608	295	35	5	52	35	10	7	-
HEATING EQUIPMENT											
Steam or hot water.....	1 851	1 675	979	648	30	18	176	53	106	-	17
Warm-air furnace.....	9 507	9 245	4 437	3 969	655	184	262	133	98	12	19
Built-in electric units.....	66	66	35	27	4	-	-	-	-	-	-
Floor, wall, or pipeless furnace.....	859	843	314	434	70	25	16	6	10	-	-
Other means.....	3 939	3 583	1 407	1 640	354	182	356	201	132	18	5
None.....	6	6	6	-	-	-	-	-	-	-	-

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

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

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

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

Evansville	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	30 157	40	85	1 163	8 473	11 292	5 320	2 172	1 612	5.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	29 597	31	46	959	8 299	11 062	5 397	2 171	1 632	5.0
PERSONS										
1 person	4 370	18	65	548	1 743	1 315	448	153	80	4.4
2 persons	10 211	9	20	486	3 896	3 724	1 341	471	264	4.7
3 persons	5 318	5	—	76	1 330	2 300	949	372	286	5.0
4 persons	4 709	4	—	36	922	1 957	1 082	446	262	5.2
5 persons	2 791	4	—	5	369	1 105	698	313	297	5.4
6 persons or more	2 758	—	—	12	213	891	802	417	423	5.8
Median	2.6	...	...	1.6	2.1	2.8	3.4	3.7	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	29 677	35	56	1 005	8 268	11 226	5 308	2 167	1 612	5.0
0.50 or less	15 709	—	42	471	5 475	5 006	2 726	991	998	4.9
0.51 to 1.00	11 939	13	14	494	2 224	5 335	2 197	1 072	590	5.1
1.01 to 1.50	1 751	—	—	26	488	787	361	65	24	5.0
1.51 or more	278	22	—	14	81	98	24	39	—	4.7
Lacking some or all plumbing facilities	480	5	29	158	205	66	12	5	—	3.7
0.50 or less	314	—	23	77	164	33	12	5	—	3.8
0.51 to 1.00	134	5	6	68	28	27	—	—	—	3.3
1.01 to 1.50	19	—	—	10	9	—	—	—	—	...
1.51 or more	13	—	—	3	4	6	—	—	—	...
BEDROOMS										
None and 1	2 706	81	152	1 121	958	341	21	16	16	3.5
2	13 380	—	—	257	6 993	5 023	873	174	60	4.4
3	11 418	—	—	—	343	6 081	3 649	995	350	5.4
4 or more	2 767	—	—	—	—	41	539	1 088	1 099	7.2
YEAR STRUCTURE BUILT										
1969 to March 1970	307	—	—	9	79	82	72	37	28	5.3
1960 to 1968	2 739	13	10	64	353	1 062	580	287	370	5.4
1950 to 1959	7 343	5	5	84	1 714	3 437	1 306	558	234	5.0
1949 or earlier	19 768	22	70	1 006	6 327	6 711	3 362	1 290	980	4.9
COMPLETE BATHROOMS										
1 and 1 1/2	26 149	31	40	934	8 221	10 511	4 440	1 321	651	4.9
2 or more	3 495	—	6	25	104	572	957	850	981	6.6
None or also used by another household	529	—	25	148	241	93	22	—	—	3.9
VALUE-INCOME RATIO										
Specified owner occupied ¹	27 729	21	17	721	7 618	10 585	5 130	2 132	1 505	5.0
Less than 1.5	14 557	13	8	290	4 034	5 798	2 721	1 026	667	5.0
1.5 to 1.9	4 803	4	—	109	1 005	1 797	1 065	463	360	5.2
2.0 to 2.9	3 611	4	—	115	898	1 366	657	332	239	5.1
3.0 or more	4 527	—	9	202	1 612	1 555	648	290	211	4.8
Not computed	231	—	—	5	69	69	39	21	28	5.1
Renter occupied housing units	16 228	401	1 496	4 743	5 276	2 991	804	318	199	3.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	15 266	123	1 230	4 447	5 169	3 018	816	284	179	3.9
PERSONS										
1 person	4 894	364	1 083	2 094	960	299	61	17	16	3.0
2 persons	4 817	30	308	1 667	1 778	774	194	41	25	3.7
3 persons	2 736	—	83	664	1 184	623	97	54	31	4.0
4 persons	1 773	7	18	163	804	578	103	59	41	4.4
5 persons	914	—	4	96	282	345	123	53	11	4.7
6 persons or more	1 094	—	—	59	268	372	226	94	75	5.1
Median	2.2	1.1	1.2	1.7	2.4	3.2	4.0	4.3	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	15 418	200	1 218	4 559	5 165	2 976	800	301	199	3.8
0.50 or less	7 178	—	866	2 014	2 669	1 058	352	100	119	3.8
0.51 to 1.00	6 718	185	—	270	1 962	1 546	316	140	62	3.8
1.01 to 1.50	1 113	—	64	159	427	284	110	51	18	4.3
1.51 or more	409	15	18	149	107	88	22	10	—	3.7
Lacking some or all plumbing facilities	810	201	278	184	111	15	4	17	—	2.2
0.50 or less	393	—	217	80	69	15	—	12	—	2.4
0.51 to 1.00	346	179	38	94	26	—	4	5	—	1.5
1.01 to 1.50	30	—	19	4	7	—	—	—	—	...
1.51 or more	41	22	4	6	9	—	—	—	—	...
BEDROOMS										
None	542	428	91	23	—	—	—	—	—	1.1
1	6 679	—	1 184	4 522	768	189	16	—	—	3.0
2	6 311	—	—	426	4 298	1 290	186	44	67	4.1
3 or more	2 615	—	—	—	68	1 368	611	360	208	5.4
YEAR STRUCTURE BUILT										
1969 to March 1970	397	6	91	154	88	44	9	5	—	3.2
1960 to 1968	1 969	15	204	550	825	267	67	37	4	3.8
1950 to 1959	1 508	11	23	207	585	500	106	48	28	4.4
1949 or earlier	12 354	369	1 178	3 832	3 778	2 180	622	228	167	3.7
COMPLETE BATHROOMS										
1 and 1 1/2	14 844	156	1 230	4 448	5 068	2 886	728	225	103	3.8
2 or more	489	6	14	6	108	132	88	59	76	5.3
None or also used by another household	885	228	294	193	146	7	—	17	—	2.2
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	16 205	401	1 496	4 738	5 271	2 983	799	318	199	3.8
Less than 10 percent	1 183	50	94	345	333	260	50	25	26	3.8
10 to 14 percent	3 248	88	169	854	1 232	663	159	71	12	3.9
15 to 19 percent	2 887	23	210	679	1 120	640	152	38	25	4.0
20 to 24 percent	1 981	43	161	521	626	407	143	57	23	3.9
25 to 34 percent	2 162	42	205	745	714	318	99	18	21	3.6
35 percent or more	3 749	116	557	1 379	1 008	499	94	51	45	3.4
Not computed	995	39	100	215	238	196	102	58	47	4.1

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

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

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

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

Evansville					Evansville				
	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	376	129	123	124	Vacant for rent	1 476	1 007	340	129
ROOMS					ROOMS				
1 to 3 rooms	33	—	12	21	1 room	46	39	4	3
4 rooms	82	26	36	20	2 rooms	294	225	66	3
5 rooms	128	54	37	37	3 rooms	586	390	130	66
6 rooms	88	42	17	29	4 rooms	367	259	96	14
7 rooms or more	45	7	21	17	5 rooms	154	94	28	32
					6 rooms	14	—	11	3
					7 rooms or more	13	—	5	8
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	355	129	118	108	With all plumbing facilities	1 347	933	296	118
Lacking some or all plumbing facilities	21	—	5	16	Lacking some or all plumbing facilities	129	74	44	11
BEDROOMS					BEDROOMS				
None and 1	66	13	13	40	None	79	62	17	—
2	173	52	81	40	1	916	642	247	27
3	158	90	54	14	2	315	207	75	33
4 or more	26	—	13	13	3 or more	127	79	32	16
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	41	13	15	13	1969 to March 1970	152	133	19	—
1960 to 1968	33	8	13	12	1960 to 1968	84	80	4	—
1950 to 1959	79	21	21	37	1950 to 1959	242	136	87	19
1949 or earlier	223	87	74	62	1949 or earlier	998	658	230	110
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	323	126	103	94	1	374	245	70	59
2 or more	53	3	20	30	2 to 4	691	444	183	64
					5 to 9	247	177	64	6
					10 to 19	69	58	11	—
					20 or more	95	83	12	—
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	—	—	—	—	Specified vacant for rent ²	1 453	1 007	337	109
Warm-air furnace	265	88	86	91	Less than \$50	204	137	61	6
Built-in electric units	4	4	—	—	\$50 to \$59	118	67	45	6
Floor, wall, or pipeless furnace	33	7	15	11	\$60 to \$79	495	326	110	59
Other means	70	30	18	22	\$80 to \$99	316	211	78	27
None	4	—	4	—	\$100 to \$119	124	96	21	7
					\$120 to \$149	113	104	9	—
					\$150 to \$199	62	54	8	—
					\$200 or more	21	12	5	4
					Median rent asked	\$76	\$78	\$71	\$74
SALES PRICE ASKED									
Specified vacant for sale ¹	319	126	103	90					
Less than \$5,000	38	13	12	13					
\$5,000 to \$9,999	89	49	30	10					
\$10,000 to \$14,999	75	27	27	21					
\$15,000 to \$19,999	32	10	12	10					
\$20,000 to \$24,999	38	12	8	18					
\$25,000 to \$34,999	43	15	10	18					
\$35,000 to \$49,999	4	—	4	—					
\$50,000 or more	—	—	—	—					
Median price asked	\$12 200	\$10 200	\$11 800	...					

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]

Evansville	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	319	127	75	32	38	43	4	1 453	322	495	316	237	62	21
PLUMBING FACILITIES														
With all plumbing facilities	357	130	78	27	42	80	—	1 303	341	522	224	164	52	—
Lacking some or all plumbing facilities	14	14	—	—	—	—	—	134	66	17	34	17	—	—
BEDROOMS														
None and 1	27	27	—	—	—	—	—	995	296	377	186	136	—	—
2	160	78	39	14	—	29	—	315	50	128	40	45	52	—
3	158	39	39	13	42	25	—	127	61	34	32	—	—	—
4 or more	26	—	—	—	—	26	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	32	—	5	4	16	3	4	152	8	—	42	72	30	—
1960 to 1968	33	4	5	—	4	20	—	84	4	—	15	29	32	4
1950 to 1959	75	17	31	7	10	10	—	242	42	97	50	49	—	4
1949 or earlier	179	106	34	21	8	10	—	975	268	398	209	87	—	13
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	351	96	102	95	41	4	13
2 to 4	...	...	...	...	...	...	...	691	104	299	155	117	12	4
5 to 19	...	...	...	...	...	...	...	316	105	90	54	47	20	—
20 or more	...	...	...	...	...	...	...	95	17	4	12	32	26	4
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	780	185	304	154	124	—	13
Some or no utilities included	...	...	...	...	...	...	...	673	137	191	162	113	62	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.

Appendix A.—AREA CLASSIFICATIONS

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

USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

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

Comparability with 1960 data.—

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

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

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

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

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

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

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used</p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used</p> <p>c. Water? <input checked="" type="checkbox"/> <input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used</p>	<p>H19. Do you get water from— <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? <input checked="" type="checkbox"/></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>H20. Is this building connected to a public sewer? <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 complete bathrooms <input type="radio"/> 2 complete bathrooms, plus half bath(s) <input type="radio"/> 3 or more complete bathrooms <input checked="" type="checkbox"/></p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe _____</p>	<p>H22. Do you have air-conditioning? <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> No</p>
<p>H17. Is this building— <input type="radio"/> On a city or suburban lot?—Skip to H19 <input type="radio"/> On a place of less than 10 acres? <input type="radio"/> On a place of 10 acres or more?</p>	<p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 automobiles or more <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"/> \$2,500 to \$4,999 <input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

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

15 and 5 percent

5 percent

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

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 FOSD1C 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.

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

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		

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

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

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

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

- 6 6-or-more-person household

Male Head Without Own Children Under 18

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

Female Head

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

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

■ Series HC(1)-A.

GENERAL HOUSING CHARACTERISTICS

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

■ Series HC(1)-B.

DETAILED HOUSING CHARACTERISTICS

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

Volume II.

METROPOLITAN HOUSING CHARACTERISTICS

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, 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.



OFFICIAL BUSINESS

Table

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

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION

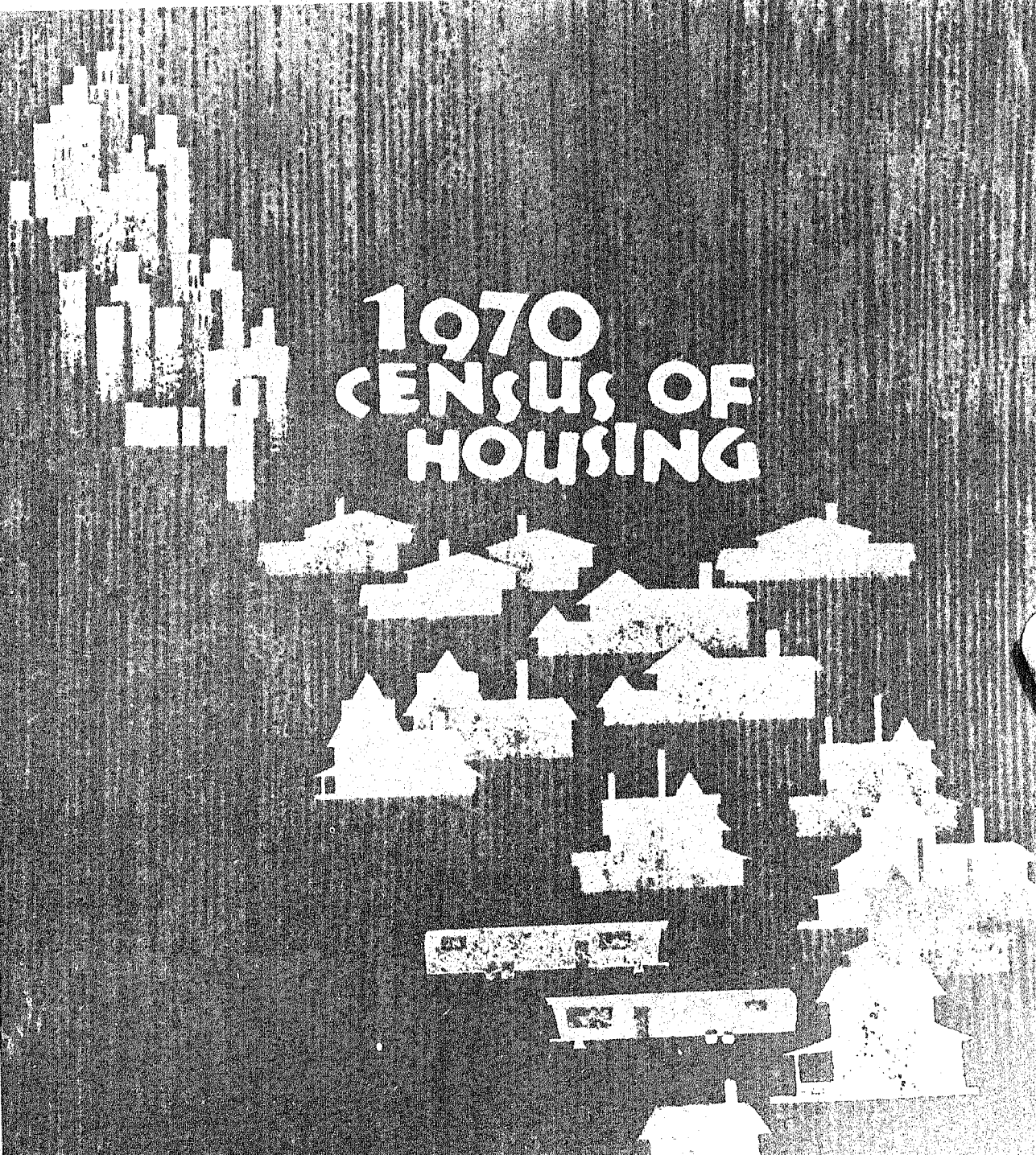


Metropolitan Housing Characteristics

FALL RIVER, MASS.-R.I.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-68

1970 CENSUS OF HOUSING



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

U. S. DEPARTMENT OF COMMERCE

Peter G. Peterson, Secretary
James T. Lynn, Under Secretary
Harold C. Passer, Assistant Secretary for Economic Affairs
and Administrator,

Social and Economic Statistics Administration

BUREAU OF THE CENSUS

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

HOUSING DIVISION

Arthur F. Young, Chief

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