

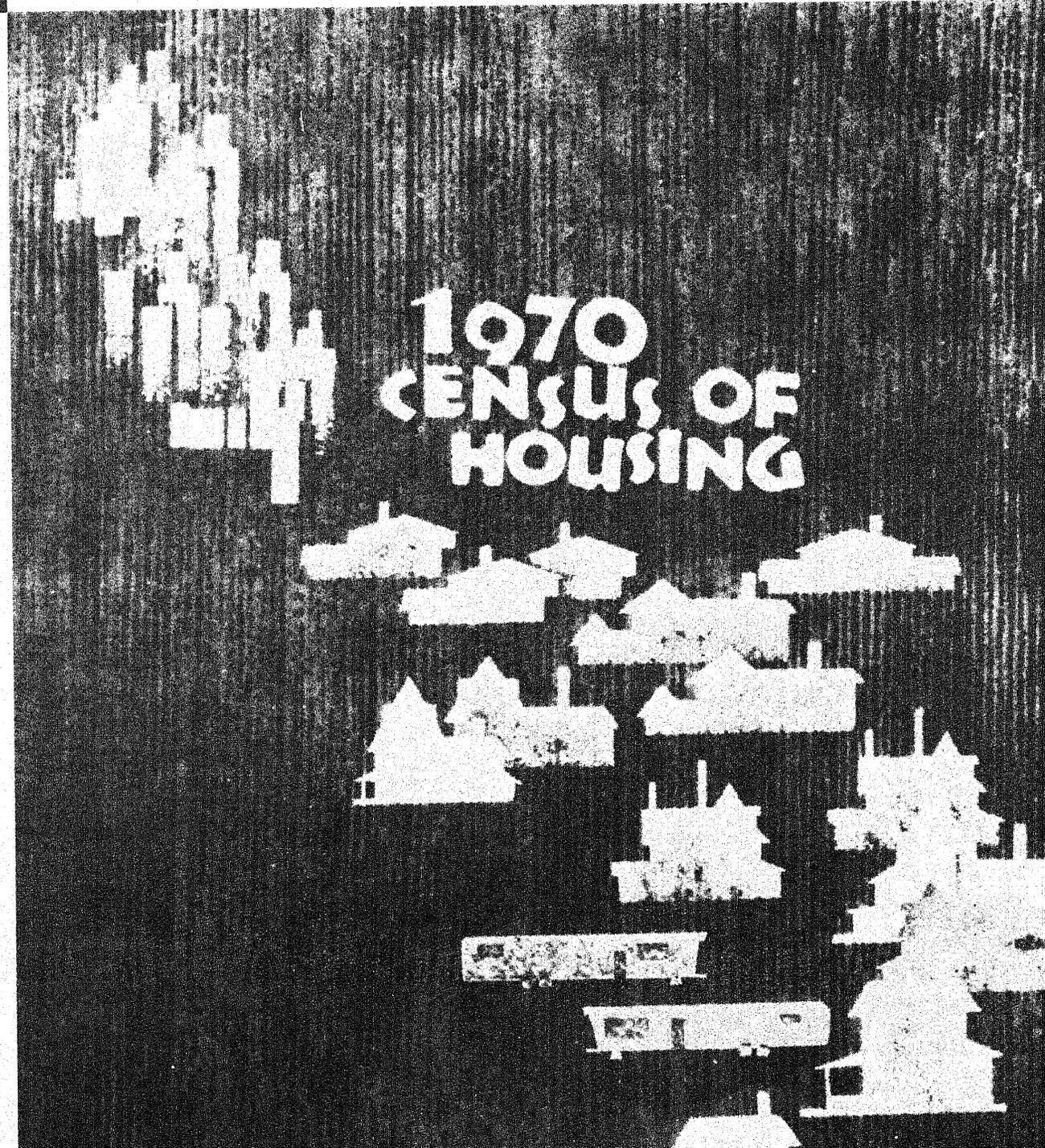
A UNITED STATES  
DEPARTMENT OF  
**COMMERCE**  
PUBLICATION



# Metropolitan Housing Characteristics

**ROANOKE, VA.**  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-180

A stylized, high-contrast black and white illustration of a cityscape and residential area. The background is dark with vertical, textured lines. In the foreground, there are white silhouettes of various buildings, including tall skyscrapers on the left and a cluster of smaller houses and trailers below. The text "1970 CENSUS OF HOUSING" is overlaid in the center in a bold, white, sans-serif font.

**1970  
CENSUS OF  
HOUSING**

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

BUREAU OF  
THE CENSUS

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

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

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

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

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

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

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

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

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

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

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

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

#### SUGGESTED CITATION

U.S. Bureau of the Census  
Census of Housing: 1970  
METROPOLITAN HOUSING  
CHARACTERISTICS  
Final Report HC(2)-180  
Roanoke, Va. SMSA  
U.S. Government Printing Office  
Washington, D.C. 1972

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

Metropolitan  
Housing  
Characteristics

**ROANOKE, VA.  
STANDARD METROPOLITAN  
STATISTICAL AREA**

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For list of contents see page VIII

---

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

---

# 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
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	9 <sup>1</sup>	9	9	—	—	—	9
<b>UTILIZATION CHARACTERISTICS</b>										
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†	—	—
<b>PLUMBING CHARACTERISTICS</b>										
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†	—	—
<b>STRUCTURAL CHARACTERISTICS</b>										
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*	—	—	—	—	—	—	—	—
<b>EQUIPMENT AND APPLIANCES</b>										
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*	—	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>										
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 <sup>1</sup>	—	—	—	—	9	—
Rent asked	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
Inclusion of utilities in rent	—	—	—	—	—	—	—	—	—	10
<b>HOUSEHOLD CHARACTERISTICS</b>										
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†	—	—

<sup>1</sup> Vacant units tabulated by plumbing facilities only.

# INTRODUCTION

# APPENDIXES

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

GENERAL .....	V
Organization of the text .....	V
Content of the tables .....	V
Sample size .....	V
Derived figures (medians, etc.) .....	VI
Symbols .....	VI
Boundaries .....	VI
DATA COLLECTION PROCEDURES .....	VI
PROCESSING PROCEDURES .....	VII

## GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

**Derived figures (medians, etc.).—**

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

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

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

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

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

**DATA COLLECTION PROCEDURES**

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

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

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

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

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

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

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

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

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

**PROCESSING PROCEDURES**

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

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

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

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

**CONTENTS**

METROPOLITAN HOUSING CHARACTERISTICS

**Roanoke, Va.**

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 180.]

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	—	—
Roanoke .....	B	10 to 18	—	—

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CONTENTS—Continued

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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

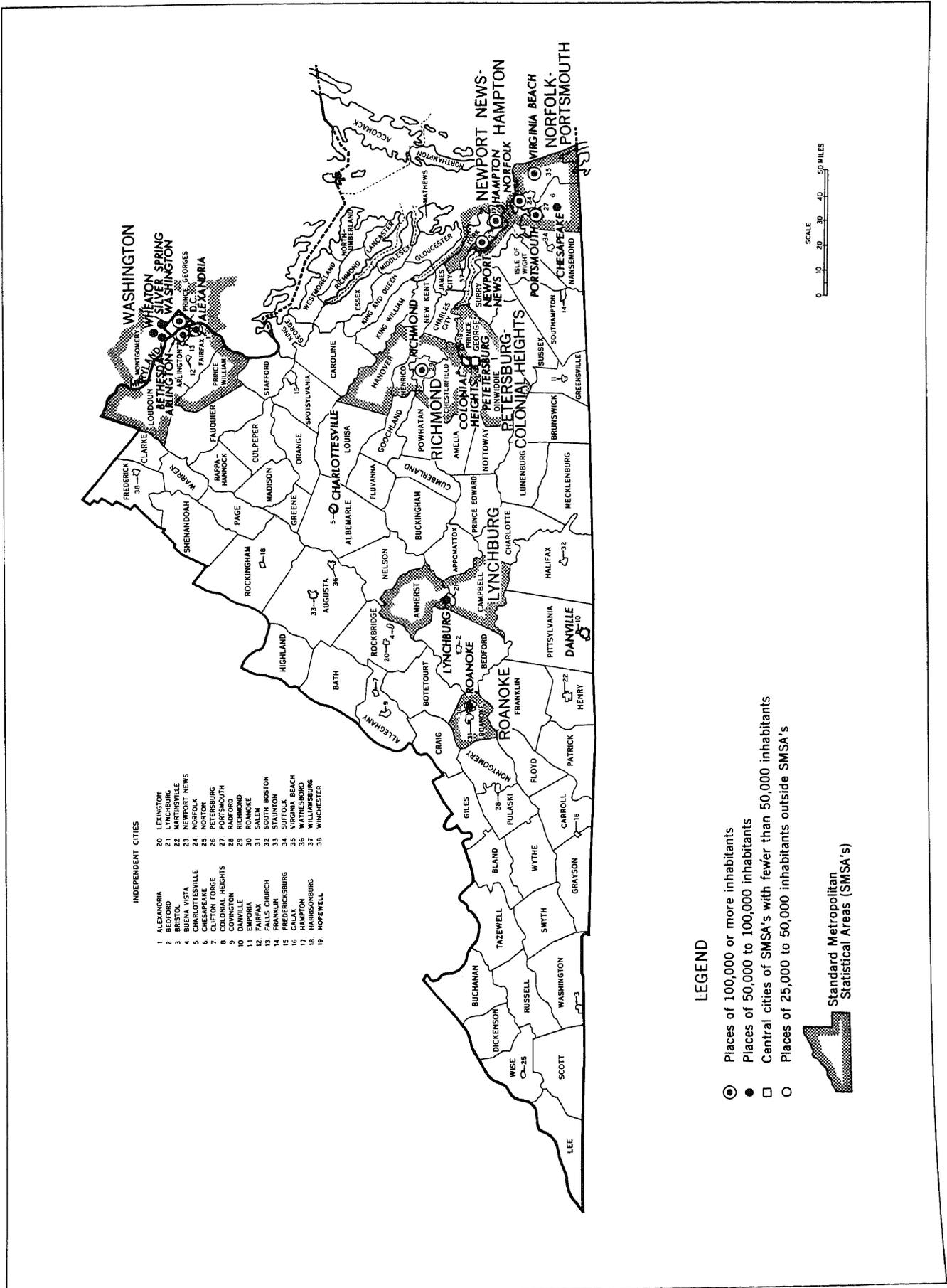


Table A-1. Value of Owner Occupied Housing Units: 1970

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

The SMSA

	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>36 442</b>	<b>1 469</b>	<b>2 819</b>	<b>3 607</b>	<b>4 667</b>	<b>4 851</b>	<b>8 418</b>	<b>5 003</b>	<b>3 543</b>	<b>1 424</b>	<b>641</b>	<b>15 400</b>
<b>ROOMS</b>												
1 and 2 rooms	105	23	9	4	24	5	18	16	6	-	-	11 700
3 rooms	217	97	54	21	24	11	6	-	-	4	-	5 500
4 rooms	3 133	416	667	900	728	242	142	22	10	6	-	8 800
5 rooms	10 338	376	753	1 171	1 782	2 486	2 965	620	140	40	5	13 600
6 rooms	10 348	324	772	780	1 205	1 349	3 221	1 759	765	121	52	16 200
7 rooms	6 200	112	280	377	512	461	1 278	1 541	1 178	378	83	20 300
8 rooms or more	6 101	121	284	354	392	297	78	1 045	1 442	875	501	23 900
Median	5.9	5.0	5.4	5.3	5.4	5.4	5.8	6.6	7.2	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	3 440	338	449	466	561	464	632	240	200	62	28	12 100
2 persons	11 561	473	1 037	1 214	1 569	1 532	2 649	1 413	1 118	355	201	14 900
3 persons	7 400	266	479	700	890	1 059	1 852	1 100	635	335	84	15 700
4 persons	7 303	78	308	557	971	1 888	1 888	1 314	800	313	132	16 900
5 persons	3 886	185	216	305	479	501	851	623	495	230	108	16 800
6 persons or more	2 852	129	330	365	333	324	546	313	295	129	88	14 600
Median	2.9	2.3	2.4	2.7	2.7	2.9	3.0	3.3	3.2	3.4	3.6	...
Units with roomers, boarders, or lodgers	856	49	157	147	120	73	142	67	84	12	5	11 600
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>												
0.50 or less	20 778	695	1 580	2 551	4 625	4 841	8 409	4 993	3 538	1 424	641	15 600
0.51 to 1.00	13 832	363	798	1 401	1 939	2 460	4 628	2 953	2 453	1 068	502	16 200
1.01 to 1.50	929	28	154	184	170	184	3 608	1 987	1 064	352	135	15 300
1.51 or more	135	19	15	18	25	12	147	37	21	-	4	11 400
<b>Lacking some or all plumbing facilities</b>												
0.50 or less	768	364	272	56	42	10	9	16	-	4	-	11 600
0.51 to 1.00	394	182	141	40	11	5	5	5	5	-	-	5 200
1.01 to 1.50	267	145	77	12	19	5	4	5	-	-	-	5 300
1.51 or more	69	21	36	-	12	-	-	-	-	-	-	5000-
Median	38	16	18	4	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	680	205	145	205	43	22	39	21	-	-	-	7 300
2	9 438	832	1 218	1 694	1 757	1 441	1 583	715	119	79	-	11 400
3	19 199	332	1 101	1 421	1 786	2 952	5 701	2 994	2 032	690	190	16 500
4 or more	7 373	235	431	520	772	502	1 332	1 002	1 377	736	466	19 700
<b>YEAR STRUCTURE BUILT</b>												
<b>1969 to March 1970</b>												
1969 to March 1970	1 113	24	4	7	5	30	254	392	270	83	44	23 000
1965 to 1968	4 046	13	36	24	106	292	1 072	1 150	864	354	135	22 100
1960 to 1964	5 671	29	76	132	344	686	1 798	1 268	899	319	120	19 300
1950 to 1959	10 716	137	313	760	1 501	2 095	3 164	1 433	811	374	128	15 800
1940 to 1949	4 791	195	449	831	1 045	735	845	307	229	129	26	12 200
1939 or earlier	10 105	1 071	1 941	1 853	1 666	1 013	1 285	453	470	165	188	10 300
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	25 912	1 005	2 385	3 206	4 289	4 426	6 874	2 673	872	147	35	13 700
2 and 2 1/2	8 065	66	136	246	358	400	1 403	2 261	2 108	814	273	23 100
3 or more	1 514	-	-	-	-	6	75	158	532	431	312	34 700
None or also used by another household	943	375	345	56	66	19	56	13	13	-	-	5 700
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>												
Male head, wife present, no nonrelatives	28 649	803	1 760	2 481	3 495	3 870	7 021	4 358	3 070	1 265	526	16 200
Under 25 years	646	5	23	48	103	149	239	63	11	5	-	14 900
25 to 34 years	5 130	98	185	291	543	750	1 557	1 067	503	105	31	17 000
35 to 44 years	6 978	123	282	420	730	972	1 847	1 226	865	371	142	17 400
45 to 64 years	11 626	342	806	1 153	1 536	1 464	2 388	1 637	1 412	633	255	16 000
65 years and over	4 269	235	464	569	583	535	990	365	279	151	98	13 800
Other male head	1 283	76	166	162	156	143	222	165	115	34	44	13 900
Under 65 years	965	52	98	125	128	95	190	133	86	29	29	14 600
65 years and over	318	24	68	37	28	48	32	32	29	5	15	12 000
Female head	3 070	252	444	498	455	374	543	240	158	63	43	11 900
Under 65 years	2 075	120	289	353	295	276	410	180	91	48	13	12 300
65 years and over	995	132	155	145	160	98	133	60	67	15	30	11 000
One-person households	3 440	338	449	466	561	464	632	240	200	62	28	12 100
Under 65 years	1 566	150	160	204	279	189	317	148	86	17	16	12 400
65 years and over	1 874	188	289	262	282	275	315	92	114	45	12	11 800
<b>INCOME IN 1969</b>												
Less than \$2,000	2 737	376	507	368	417	313	404	174	99	58	21	10 700
\$2,000 to \$2,999	1 367	177	239	237	233	185	193	59	32	6	6	10 300
\$3,000 to \$3,999	1 615	128	308	291	235	175	299	90	41	8	-	10 900
\$4,000 to \$4,999	1 646	97	240	273	260	208	355	116	73	7	17	12 000
\$5,000 to \$5,999	1 686	168	285	288	259	224	259	83	95	7	15	11 000
\$6,000 to \$6,999	2 145	130	237	330	392	292	482	143	98	14	25	12 400
\$7,000 to \$9,999	8 013	226	580	953	1 353	1 373	2 058	901	421	94	54	14 100
\$10,000 to \$14,999	10 352	142	360	691	1 205	1 548	2 943	1 072	1 072	251	81	17 000
\$15,000 to \$24,999	5 369	25	54	176	295	498	1 251	1 216	1 266	454	134	21 600
\$25,000 or more	1 512	-	9	-	18	35	174	162	346	482	286	35 400
Median	\$9 600	\$4 600	\$5 400	\$7 100	\$8 200	\$9 200	\$10 300	\$12 300	\$14 300	\$19 900	\$22 400	...
<b>YEAR MOVED INTO UNIT</b>												
<b>1969 to March 1970</b>												
1968	3 621	95	197	215	300	350	936	807	520	157	44	18 600
1967	2 662	17	77	91	184	279	758	694	391	107	64	19 500
1965 and 1966	2 269	56	125	144	227	279	530	442	288	50	17	15 800
1960 to 1964	4 369	120	215	272	470	613	1 134	749	533	209	54	17 100
1950 to 1959	7 367	137	443	513	988	967	1 950	1 102	769	361	137	16 500
1949 or earlier	9 378	356	697	1 000	1 535	1 555	2 162	1 038	639	253	143	14 300
Median	6 768	665	1 112	1 273	1 009	808	938	273	385	177	128	10 800
<b>HEATING EQUIPMENT</b>												
<b>Steam or hot water</b>												
Warm-air furnace	6 882	169	256	434	797	754	1 437	940	1 238	593	264	18 500
Built-in electric units	21 728	431	1 207	1 959	2 737	3 313	6 215	3 324	1 695	592	255	15 900
Floor, wall, or pipeless furnace	2 448	26	35	54	186	253	444	590	527	211	122	21 900
Other means	2 665	208	546	655	689	338	148	41	21	19	-	9 700
None	2 705	630	770	505	258	193	174	108	62	5	-	7 300
Median	14	5	5	-	-	-	-	-	-	-	-	...
<b>AIR CONDITIONING</b>												
Room unit(s)	11 248	136	325	562	1 237	1 638	3 045	2 064	1 452	592	197	17 800
Central system	2 280	-	14	30	96	165	524	426	573	276	176	23 700
None	22 906	1 310	2 527	2 916	3 380	3 048	4 839	2 615	1 500	524	247	13 600

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

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>	<b>17 512</b>	<b>1 175</b>	<b>1 018</b>	<b>1 254</b>	<b>1 901</b>	<b>3 904</b>	<b>2 854</b>	<b>2 881</b>	<b>1 450</b>	<b>229</b>	<b>37</b>	<b>809</b>	<b>95</b>
<b>ROOMS</b>													
1 room	365	148	40	22	35	24	35	27	9	5	-	20	56
2 rooms	746	136	108	134	92	94	72	52	27	16	-	15	69
3 rooms	3 315	375	257	381	528	781	438	401	82	23	-	49	82
4 rooms	6 137	294	294	363	690	1 580	968	1 178	471	38	10	251	96
5 rooms	3 820	104	236	217	385	896	721	683	388	46	10	134	100
6 rooms	1 707	49	73	98	109	328	331	302	283	33	6	95	109
7 rooms	699	21	4	5	29	111	159	144	100	19	11	96	117
8 rooms or more	723	48	6	34	33	90	130	94	90	49	-	149	112
Median	4.2	3.3	3.9	3.7	3.9	4.2	4.4	4.3	4.9	5.2	...	5.0	...
<b>PERSONS</b>													
1 person	4 410	598	400	407	647	838	541	513	146	57	-	263	80
2 persons	5 172	268	223	416	562	1 184	725	1 040	494	42	10	208	97
3 persons	3 402	135	143	193	323	823	646	659	307	39	6	128	101
4 persons	1 980	40	66	100	179	530	427	323	217	35	-	63	102
5 persons	1 125	51	87	72	78	247	199	160	143	35	5	48	100
6 persons or more	1 423	83	99	66	112	282	316	186	143	21	16	99	101
Median	2.3	1.5	2.0	2.0	2.0	2.4	2.7	2.4	2.8	2.9	...	2.2	...
Units with roomers, boarders, or lodgers	601	59	19	24	45	146	76	68	121	12	-	31	99
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>16 594</b>	<b>824</b>	<b>875</b>	<b>1 152</b>	<b>1 821</b>	<b>3 826</b>	<b>2 841</b>	<b>2 842</b>	<b>1 450</b>	<b>213</b>	<b>37</b>	<b>713</b>	<b>97</b>
0.50 or less	8 152	486	429	586	976	1 730	1 225	1 447	685	114	16	458	96
0.51 to 1.00	7 171	269	355	454	731	1 776	1 350	1 242	689	88	5	212	99
1.01 to 1.50	1 071	28	102	107	107	257	240	124	52	11	16	43	94
1.51 or more	200	41	-	10	7	63	26	29	24	-	-	-	90
<b>Lacking some or all plumbing facilities</b>	<b>918</b>	<b>351</b>	<b>143</b>	<b>102</b>	<b>80</b>	<b>78</b>	<b>13</b>	<b>39</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>96</b>	<b>54</b>
0.50 or less	391	135	84	54	22	14	4	16	-	-	-	56	54
0.51 to 1.00	409	172	43	38	42	54	9	23	-	6	-	23	55
1.01 to 1.50	67	23	4	10	6	5	-	-	-	5	-	14	...
1.51 or more	51	21	-	-	10	5	-	-	-	-	-	3	...
<b>BEDROOMS</b>													
None	199	97	-	20	-	21	-	43	-	-	-	18	...
1	4 889	613	429	544	856	1 041	672	493	95	21	-	125	79
2	7 994	363	315	428	740	1 994	1 409	1 750	653	38	22	282	100
3 or more	4 209	111	251	220	296	753	861	645	675	107	23	267	108
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	712	10	-	22	22	66	64	221	238	39	10	20	142
1965 to 1968	2 318	59	57	13	25	138	380	1 097	434	32	6	77	132
1960 to 1964	1 331	19	5	17	74	175	270	393	282	40	6	50	126
1950 to 1959	2 478	334	176	130	161	421	512	328	244	46	-	126	98
1940 to 1949	1 986	37	98	64	235	641	511	223	71	8	-	98	96
1939 or earlier	8 687	716	682	1 008	1 384	2 463	1 117	619	181	64	15	438	82
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	135	-	-	-	26	47	42	-	-	-	-	20	...
With elevator	-	-	-	-	-	-	-	-	-	-	-	-	-
Walk-up	135	-	-	-	26	47	42	-	-	-	-	20	...
1 to 3 floors	17 156	1 184	995	1 212	1 866	3 762	2 900	2 931	1 423	166	45	672	95
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	15 632	715	840	1 140	1 810	3 754	2 725	2 672	1 246	133	28	569	96
2 or more	835	50	6	15	21	94	97	122	175	91	7	157	134
None or also used by another household	1 050	391	166	119	89	84	32	31	7	21	-	110	55
<b>INCOME IN 1969</b>													
Less than \$2,000	2 460	502	256	265	330	376	237	212	63	20	-	199	73
\$2,000 to \$2,999	1 508	176	183	164	238	368	146	113	29	11	-	80	78
\$3,000 to \$3,999	1 699	145	256	187	204	423	202	166	27	17	-	72	81
\$4,000 to \$4,999	1 596	127	104	130	189	475	257	164	79	18	-	53	89
\$5,000 to \$5,999	1 757	85	58	160	276	479	287	266	74	11	-	61	90
\$6,000 to \$6,999	1 654	84	28	120	196	437	246	356	84	11	10	82	96
\$7,000 to \$9,999	3 451	35	103	170	314	804	776	668	385	19	-	177	105
\$10,000 to \$14,999	2 595	11	24	58	129	474	581	721	448	65	22	62	120
\$15,000 to \$24,999	689	10	6	-	25	50	105	195	229	45	5	19	141
\$25,000 or more	103	-	-	-	-	18	17	20	32	12	-	4	...
Median	\$5 900	\$2 500	\$3 300	\$4 100	\$4 900	\$5 600	\$7 200	\$7 700	\$9 900	\$10 600	...	\$5 000	...
<b>EAR MOVED INTO UNIT</b>													
969 to March 1970	7 644	299	249	459	734	1 555	1 320	1 690	986	156	7	189	107
968	2 665	162	131	133	310	635	519	456	172	37	-	110	96
967	1 527	141	91	123	159	380	241	185	106	15	19	67	93
965 and 1966	2 036	131	119	217	234	517	337	257	107	13	-	104	90
1960 to 1964	1 815	197	124	158	254	506	250	162	51	12	9	92	85
1950 to 1959	1 217	142	149	128	154	281	152	44	6	6	-	155	77
1949 or earlier	613	84	149	56	75	58	35	31	-	6	-	119	63
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	1 376	237	124	151	182	292	198	109	71	12	-	...	80
10 to 14 percent	3 596	193	139	306	425	928	697	595	301	12	-	...	96
15 to 19 percent	3 266	137	206	172	397	792	631	593	296	37	5	...	98
20 to 24 percent	2 298	139	171	134	161	536	381	459	276	47	-	...	101
25 to 34 percent	2 521	153	143	170	266	559	395	529	261	23	22	...	99
35 percent or more	3 407	299	214	297	433	743	516	564	233	98	10	...	91
Not computed	1 048	23	21	24	37	54	36	32	12	-	-	809	84
<b>AIR CONDITIONING</b>													
Room unit(s)	2 850	50	78	124	251	692	585	589	258	70	-	153	105
Central system	2 151	-	-	-	-	27	281	1 052	658	76	7	50	141
None	12 516	1 106	934	1 150	1 669	3 213	1 988	1 184	512	99	28	633	86

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA

	Total	Less than \$2,000	\$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)
<b>Owner occupied housing units</b> .....	<b>40 648</b>	<b>3 454</b>	<b>1 693</b>	<b>1 945</b>	<b>1 881</b>	<b>2 018</b>	<b>2 476</b>	<b>8 839</b>	<b>11 047</b>	<b>5 694</b>	<b>1 601</b>	<b>9 300</b>
<b>ROOMS</b>												
1 and 2 rooms.....	192	71	12	—	6	16	14	37	28	—	8	5 400
3 rooms.....	525	145	84	39	31	29	53	96	33	11	4	3 900
4 rooms.....	4 395	728	356	311	298	401	421	1 083	638	155	4	6 200
5 rooms.....	11 473	867	532	571	535	593	928	3 142	3 308	890	107	8 600
6 rooms.....	11 061	866	370	634	593	538	607	2 455	3 194	1 536	268	9 300
7 rooms or more.....	13 002	777	339	390	418	441	453	2 026	3 846	3 102	1 210	12 200
<b>PERSONS</b>												
1 person.....	4 522	1 954	611	436	357	186	237	437	211	63	30	2 500
2 persons.....	13 029	1 016	734	1 119	904	917	1 017	2 631	2 850	1 440	401	7 900
3 and 4 persons.....	15 923	363	270	283	489	667	885	3 793	5 518	2 758	758	11 000
5 persons.....	4 145	89	50	49	75	145	177	1 068	1 422	853	217	11 500
6 persons or more.....	3 029	32	28	58	56	103	160	771	1 046	580	195	11 500
Units with roomers, boarders, or lodgers.....	1 012	243	95	67	74	79	67	236	102	49	—	5 300
<b>BEDROOMS</b>												
Less than 3.....	12 657	1 963	1 094	935	846	770	1 116	2 700	2 227	850	156	6 600
3.....	20 320	1 475	434	748	581	801	1 277	5 004	6 138	3 214	648	9 900
4 or more.....	7 843	601	122	359	372	288	357	1 140	2 067	1 806	731	11 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970.....	1 368	27	9	51	42	68	72	298	525	209	67	11 100
1960 to 1968.....	10 619	348	116	152	169	319	526	2 408	3 771	2 196	614	11 700
1950 to 1959.....	11 389	654	320	412	488	514	664	2 665	3 392	1 770	510	10 000
1949 or earlier.....	17 272	2 425	1 248	1 330	1 182	1 117	1 214	3 468	3 359	1 519	410	7 100
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970.....	4 207	198	78	150	159	238	247	1 009	1 450	548	130	10 100
1968.....	2 920	114	82	63	53	72	155	690	1 051	497	143	11 100
1960 to 1967.....	15 248	692	238	526	583	670	795	3 531	4 815	2 619	779	10 600
1959 or earlier.....	18 273	2 280	1 307	1 208	1 071	1 126	1 197	3 612	3 901	1 998	573	7 800
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine.....	30 721	1 583	656	1 039	1 138	1 252	1 993	7 140	9 066	5 434	1 420	10 300
Clothes dryer.....	17 570	389	193	263	367	397	903	3 837	5 889	4 080	1 252	12 100
Dishwasher.....	7 378	131	41	115	142	97	390	960	2 138	2 324	1 040	14 200
Home food freezer.....	13 710	796	457	389	588	490	864	3 065	3 748	2 600	713	10 300
Owned second home.....	2 532	115	—	184	40	63	159	497	572	634	268	11 800
With air conditioning.....	14 835	541	261	478	467	449	698	2 970	4 708	3 083	1 180	11 600
Room unit(s).....	12 382	478	249	435	427	394	611	2 636	3 924	2 465	770	11 200
Central system.....	2 453	63	12	43	47	55	87	334	784	618	410	13 700
Automobiles available:												
1.....	18 501	1 212	1 021	1 260	1 298	1 412	1 467	4 908	4 508	1 211	204	8 000
2.....	15 234	190	132	167	184	383	687	3 372	5 719	3 378	1 022	12 200
3 or more.....	2 647	28	17	14	19	35	38	189	856	1 052	399	16 200
<b>Renter occupied housing units</b> .....	<b>17 817</b>	<b>2 533</b>	<b>1 528</b>	<b>1 726</b>	<b>1 610</b>	<b>1 792</b>	<b>1 688</b>	<b>3 502</b>	<b>2 622</b>	<b>713</b>	<b>103</b>	<b>5 800</b>
<b>ROOMS</b>												
1 room.....	365	119	54	66	30	20	28	44	—	—	4	3 100
2 rooms.....	756	110	97	71	51	71	58	95	33	5	—	3 300
3 rooms.....	3 338	722	369	375	436	299	326	510	231	65	5	4 500
4 rooms.....	6 195	882	475	622	596	619	581	1 292	897	198	33	5 800
5 rooms.....	3 899	303	351	351	295	464	349	844	770	156	16	6 500
6 rooms or more.....	3 264	271	169	215	202	319	346	717	691	289	45	7 500
<b>PERSONS</b>												
1 person.....	4 442	1 451	588	553	406	339	345	496	169	75	20	3 300
2 persons.....	5 273	597	416	591	486	535	409	999	944	250	46	6 000
3 and 4 persons.....	5 458	353	352	399	475	615	641	1 388	986	230	19	6 800
5 persons.....	1 162	52	96	93	97	98	124	310	219	66	7	7 200
6 persons or more.....	1 482	80	76	90	146	205	169	309	304	92	11	6 900
Units with roomers, boarders, or lodgers.....	606	125	86	87	71	51	64	95	27	—	—	4 100
<b>BEDROOMS</b>												
None.....	199	40	—	70	39	—	28	22	—	—	—	—
1.....	4 976	1 493	526	368	695	337	440	879	161	77	—	4 100
2.....	8 117	842	584	705	584	899	869	1 699	1 424	466	45	6 500
3 or more.....	4 330	257	296	330	370	304	464	1 032	884	368	25	7 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970.....	712	37	36	27	40	110	90	181	160	31	—	7 300
1960 to 1968.....	3 679	270	152	202	253	336	372	879	857	316	42	7 900
1950 to 1959.....	2 503	328	197	254	209	160	252	517	472	98	16	6 400
1949 or earlier.....	10 923	1 898	1 143	1 243	1 108	1 186	974	1 925	1 133	268	45	5 100
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970.....	7 707	956	622	745	739	787	882	1 533	1 154	260	29	6 000
1968.....	2 685	274	214	245	218	242	223	612	542	109	6	6 700
1960 to 1967.....	5 520	778	459	521	532	634	453	1 018	804	267	54	5 700
1959 or earlier.....	1 905	459	243	259	107	222	108	309	152	26	20	4 000
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
<b>Specified renter occupied<sup>1</sup></b> .....	<b>17 512</b>	<b>2 460</b>	<b>1 508</b>	<b>1 699</b>	<b>1 596</b>	<b>1 757</b>	<b>1 654</b>	<b>3 451</b>	<b>2 595</b>	<b>689</b>	<b>103</b>	<b>5 800</b>
Less than 15 percent.....	4 972	—	8	74	167	257	389	1 469	1 891	618	99	10 300
15 to 19 percent.....	3 266	5	61	222	240	551	545	1 083	513	46	—	7 000
20 to 24 percent.....	2 298	61	129	266	440	421	329	553	93	6	—	5 600
25 to 34 percent.....	2 521	135	388	612	499	404	288	159	36	—	—	4 300
35 percent or more.....	3 407	1 821	842	453	197	63	21	10	—	—	—	2000—
Not computed.....	1 048	438	80	72	53	61	82	177	62	19	4	3 100
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine.....	6 099	425	407	375	463	416	818	1 381	1 368	399	47	7 300
Clothes dryer.....	2 285	199	107	100	185	103	249	532	593	195	22	8 100
Dishwasher.....	1 418	61	16	62	21	144	147	306	315	324	22	9 500
Home food freezer.....	1 479	126	91	97	85	122	138	288	281	226	25	7 800
Owned second home.....	586	63	—	43	28	22	19	183	147	81	—	8 900
With air conditioning.....	5 029	373	218	304	365	463	442	1 265	1 218	342	39	7 800
Room unit(s).....	2 867	213	161	197	240	236	242	751	646	174	7	7 600
Central system.....	2 162	160	57	107	125	227	200	514	572	168	32	8 200
Automobiles available:												
1.....	9 108	548	477	839	894	1 204	1 171	2 189	1 424	286	76	6 500
2.....	3 012	134	45	117	140	164	220	872	1 030	268	22	9 400
3 or more.....	332	25	12	6	—	12	34	46	96	90	11	11 600

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA	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
<b>Owner occupied housing units</b>	<b>40 648</b>	<b>39 593</b>	<b>23 312</b>	<b>15 096</b>	<b>1 030</b>	<b>155</b>	<b>1 055</b>	<b>568</b>	<b>365</b>	<b>84</b>	<b>38</b>
<b>PERSONS</b>											
1 person	4 522	4 200	4 182	18	-	-	322	316	6	-	-
2 persons	13 029	12 805	12 581	198	-	26	224	193	31	-	-
3 persons	8 153	7 967	4 656	3 287	5	19	186	50	132	4	-
4 persons	7 770	7 664	1 471	6 177	11	5	106	9	97	-	-
5 persons	4 145	4 042	422	3 469	143	8	103	-	62	41	-
6 persons or more	3 029	2 915	-	1 947	871	97	114	-	37	39	38
Median	2.8	2.9	2.1	4.2	6.4	7.0	2.4	1.4	3.6	...	...
Units with roomers, boarders, or lodgers	1 012	992	466	473	39	14	20	5	15	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	1 284	1 279	770	480	19	10	5	-	5	-	-
1965 to 1968	4 520	4 434	2 211	2 131	67	25	86	21	50	15	-
1960 to 1964	6 116	6 047	2 766	3 061	191	29	69	8	47	14	-
1950 to 1959	11 352	11 217	6 193	4 720	276	28	135	80	36	19	-
1940 to 1949	5 075	4 932	3 047	1 692	157	36	143	54	81	8	-
1939 or earlier	12 301	11 696	8 356	2 945	346	49	605	380	141	41	43
<b>INCOME IN 1969</b>											
Less than \$2,000	3 454	3 141	2 818	312	11	-	313	253	56	4	-
\$2,000 to \$2,999	1 693	1 599	1 364	218	5	12	94	74	9	7	4
\$3,000 to \$3,999	1 945	1 818	1 579	211	28	-	127	84	29	14	-
\$4,000 to \$4,999	1 881	1 824	1 439	354	25	6	57	25	15	17	-
\$5,000 to \$5,999	2 018	1 930	1 298	568	56	8	88	38	43	7	5
\$6,000 to \$6,999	2 476	2 390	1 430	862	62	36	86	20	47	14	5
\$7,000 to \$9,999	8 839	8 699	4 090	4 140	427	42	140	31	92	6	11
\$10,000 to \$14,999	11 047	10 941	5 207	5 375	330	29	106	25	58	15	8
\$15,000 to \$24,999	5 694	5 658	2 986	2 583	71	18	36	10	16	-	10
\$25,000 or more	1 601	1 593	1 101	473	15	4	9	8	-	-	-
Median	\$9 300	\$9 400	\$8 300	\$10 800	\$9 300	\$8 100	\$3 900	\$2 400	\$6 600	...	...
<b>VALUE-INCOME RATIO</b>											
<b>Specified owner occupied<sup>1</sup></b>											
Less than 1.5	36 442	35 674	20 778	13 832	929	135	768	394	267	69	38
1.5 to 1.9	14 560	14 173	6 555	6 942	620	56	387	127	184	42	34
2.0 to 2.4	7 947	7 857	4 134	3 463	223	37	90	53	29	4	4
2.5 to 2.9	4 273	4 203	2 427	1 716	36	24	70	40	24	6	-
3.0 to 3.9	2 495	2 456	1 742	687	27	-	39	23	9	7	-
4.0 or more	2 374	2 335	1 843	469	12	11	39	14	15	10	-
Not computed	4 521	4 390	3 884	494	5	7	131	125	6	-	-
	272	260	193	61	6	-	12	12	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water	8 048	7 970	5 785	2 101	64	20	78	58	13	-	7
Warm-air furnace	23 704	23 516	12 862	9 883	687	84	188	64	107	10	7
Built-in electric units	2 716	2 705	1 502	1 153	47	3	11	4	7	-	-
Floor, wall, or pipeless furnace	2 859	2 766	1 504	1 073	163	26	93	55	31	7	-
Other means	3 307	2 632	1 659	886	69	18	675	382	202	67	24
None	14	4	-	-	-	4	10	5	-	-	-
<b>Renter occupied housing units</b>	<b>17 817</b>	<b>16 804</b>	<b>8 243</b>	<b>7 270</b>	<b>1 091</b>	<b>200</b>	<b>1 013</b>	<b>442</b>	<b>428</b>	<b>82</b>	<b>61</b>
<b>PERSONS</b>											
1 person	4 442	4 007	3 815	192	-	-	435	320	115	-	-
2 persons	5 273	5 069	3 724	1 316	-	29	204	91	103	-	10
3 persons	3 436	3 299	605	2 661	33	-	137	31	103	3	-
4 persons	2 022	1 977	65	1 787	115	10	45	-	40	5	-
5 persons	1 162	1 087	34	772	255	26	75	-	35	35	5
6 persons or more	1 482	1 365	-	542	688	135	117	-	32	39	46
Median	2.3	2.4	1.6	3.3	6.0	6.8	1.9	1.2	2.5	...	...
Units with roomers, boarders, or lodgers	606	562	289	225	38	10	44	6	38	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	649	642	245	326	64	7	7	-	7	-	-
1965 to 1968	2 242	2 242	1 135	1 035	72	-	-	-	-	-	-
1960 to 1964	1 380	1 344	712	600	26	6	36	6	11	6	13
1950 to 1959	2 537	2 489	1 040	1 181	214	54	48	6	20	22	-
1940 to 1949	1 989	1 943	949	859	107	28	46	43	3	-	-
1939 or earlier	9 020	8 167	4 144	3 339	581	103	853	409	355	40	49
<b>INCOME IN 1969</b>											
Less than \$2,000	2 533	2 167	1 515	559	53	40	366	248	102	11	5
\$2,000 to \$2,999	1 528	1 413	828	467	86	32	115	48	56	11	-
\$3,000 to \$3,999	1 726	1 559	925	515	105	14	167	69	71	15	12
\$4,000 to \$4,999	1 610	1 531	716	672	108	35	79	11	47	11	10
\$5,000 to \$5,999	1 792	1 681	721	817	129	14	111	47	39	5	20
\$6,000 to \$6,999	1 688	1 632	675	806	140	11	56	-	44	12	-
\$7,000 to \$9,999	3 502	3 437	1 330	1 846	238	23	65	14	35	11	5
\$10,000 to \$14,999	2 622	2 584	1 109	1 239	205	31	38	5	24	6	3
\$15,000 to \$24,999	713	697	357	313	27	-	16	-	10	-	6
\$25,000 or more	103	103	67	36	-	-	-	-	-	-	-
Median	\$5 800	\$6 000	\$5 200	\$6 800	\$6 500	\$4 400	\$3 200	\$2000-	\$3 800	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
<b>Specified renter occupied<sup>2</sup></b>											
Less than 10 percent	17 512	16 594	8 152	7 171	1 071	200	918	391	409	67	51
10 to 14 percent	1 376	1 269	495	652	100	22	107	14	82	-	11
15 to 19 percent	3 596	3 464	1 449	1 742	249	24	132	50	56	11	15
20 to 24 percent	3 266	3 140	1 257	1 576	277	30	126	32	79	5	10
25 to 34 percent	2 298	2 198	972	1 027	163	36	100	39	41	13	7
35 percent or more	2 521	2 429	1 408	895	103	23	92	44	30	13	5
Not computed	3 407	3 164	1 973	1 009	124	58	243	139	93	11	-
	1 048	930	598	270	55	7	118	73	28	14	3
<b>HEATING EQUIPMENT</b>											
Steam or hot water	5 294	5 068	2 820	1 939	256	53	226	90	131	-	5
Warm-air furnace	5 827	5 728	2 792	2 575	326	35	99	36	49	8	6
Built-in electric units	2 393	2 393	1 288	1 008	81	16	-	-	-	-	-
Floor, wall, or pipeless furnace	1 226	1 187	410	623	122	32	39	11	22	-	6
Other means	3 060	2 411	933	1 108	306	64	649	305	226	74	44
None	17	17	-	17	-	-	-	-	-	-	-

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

<sup>2</sup>Excludes 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
<b>Owner occupied housing units</b> .....	<b>40 648</b>	<b>82</b>	<b>110</b>	<b>525</b>	<b>4 395</b>	<b>11 473</b>	<b>11 061</b>	<b>6 542</b>	<b>6 460</b>	<b>5.8</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	39 342	87	65	428	3 863	11 042	10 944	6 509	6 404	5.9
<b>PERSONS</b>										
1 person .....	4 522	24	69	221	995	1 268	1 156	435	354	5.3
2 persons .....	13 029	26	32	197	1 722	3 951	3 808	1 890	1 403	5.7
3 persons .....	8 153	19	9	80	845	2 494	2 192	1 321	1 193	5.8
4 persons .....	7 770	5	—	11	546	2 059	2 212	1 457	1 480	6.1
5 persons .....	4 145	—	—	8	184	1 138	970	807	1 038	6.3
6 persons or more .....	3 029	8	—	8	103	563	723	632	992	6.7
Median .....	2.8	...	1.3	1.7	2.2	2.7	2.8	3.2	3.7	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b> .....	<b>39 593</b>	<b>76</b>	<b>67</b>	<b>468</b>	<b>3 993</b>	<b>11 206</b>	<b>10 900</b>	<b>6 491</b>	<b>6 392</b>	<b>5.9</b>
0.50 or less .....	23 312	—	41	188	2 506	5 114	7 043	3 612	4 808	6.0
0.51 to 1.00 .....	15 096	18	21	257	1 262	5 565	3 616	2 818	1 539	5.6
1.01 to 1.50 .....	1 030	—	5	11	203	490	225	61	35	5.1
1.51 or more .....	1 155	58	—	12	22	37	16	—	10	3.8
<b>Lacking some or all plumbing facilities</b> .....	<b>1 055</b>	<b>6</b>	<b>43</b>	<b>57</b>	<b>402</b>	<b>267</b>	<b>161</b>	<b>51</b>	<b>68</b>	<b>4.6</b>
0.50 or less .....	568	—	28	33	211	105	113	34	44	4.6
0.51 to 1.00 .....	365	6	11	20	129	126	32	17	24	4.6
1.01 to 1.50 .....	84	—	4	—	44	25	11	—	—	...
1.51 or more .....	38	—	—	4	18	11	—	—	—	...
<b>BEDROOMS</b>										
None and 1 .....	1 345	60	123	363	433	248	76	21	21	3.8
2 .....	11 312	—	—	251	3 880	5 031	1 780	253	117	4.8
3 .....	20 320	—	—	—	286	6 184	8 461	3 928	1 461	5.9
4 or more .....	7 843	—	—	—	—	121	806	2 080	4 836	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	1 368	6	11	15	128	323	221	233	431	6.4
1960 to 1968 .....	10 619	17	22	86	635	2 923	2 591	2 141	2 204	6.1
1950 to 1959 .....	11 389	21	35	127	1 305	4 326	3 374	1 422	779	5.5
1949 or earlier .....	17 272	38	42	297	2 327	3 901	4 875	2 746	3 046	5.9
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	29 138	71	65	385	3 737	10 332	8 725	3 573	2 250	5.5
2 or more .....	10 248	16	—	43	141	727	2 219	2 936	4 166	7.2
None or also used by another household .....	1 262	—	37	57	454	369	203	77	65	4.7
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>36 442</b>	<b>70</b>	<b>35</b>	<b>217</b>	<b>3 133</b>	<b>10 338</b>	<b>10 348</b>	<b>6 200</b>	<b>6 101</b>	<b>5.9</b>
Less than 1.5 .....	14 560	10	16	88	1 633	4 606	3 956	2 200	2 051	5.7
1.5 to 1.9 .....	7 947	26	—	29	447	2 301	2 314	1 487	1 343	6.0
2.0 to 2.9 .....	6 768	18	—	41	340	1 736	1 898	1 287	1 448	6.2
3.0 or more .....	6 895	16	19	59	685	1 623	2 113	1 163	1 217	6.0
Not computed .....	272	—	—	—	28	72	67	63	42	6.0
<b>Renter occupied housing units</b> .....	<b>17 817</b>	<b>365</b>	<b>756</b>	<b>3 338</b>	<b>6 195</b>	<b>3 899</b>	<b>1 756</b>	<b>720</b>	<b>788</b>	<b>4.2</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	16 384	145	538	3 036	5 819	3 720	1 631	720	775	4.3
<b>PERSONS</b>										
1 person .....	4 442	307	460	1 569	1 312	535	109	46	104	3.4
2 persons .....	5 273	39	256	1 163	2 151	1 104	333	117	110	4.0
3 persons .....	3 436	—	36	435	1 495	834	371	148	117	4.3
4 persons .....	2 022	6	4	120	753	667	270	137	65	4.7
5 persons .....	1 162	—	—	31	290	396	248	87	110	5.2
6 persons or more .....	1 482	13	—	20	194	363	425	185	282	5.9
Median .....	2.3	1.1	1.3	1.6	2.3	2.9	3.7	3.9	4.5	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b> .....	<b>16 804</b>	<b>240</b>	<b>591</b>	<b>3 140</b>	<b>5 962</b>	<b>3 753</b>	<b>1 665</b>	<b>701</b>	<b>752</b>	<b>4.2</b>
0.50 or less .....	8 243	—	337	1 487	3 348	1 594	766	302	409	4.2
0.51 to 1.00 .....	7 270	192	217	1 498	2 195	1 828	685	361	294	4.3
1.01 to 1.50 .....	1 091	—	33	115	351	304	201	38	49	4.7
1.51 or more .....	200	48	4	40	68	27	13	—	—	3.6
<b>Lacking some or all plumbing facilities</b> .....	<b>1 013</b>	<b>125</b>	<b>165</b>	<b>198</b>	<b>233</b>	<b>146</b>	<b>91</b>	<b>19</b>	<b>36</b>	<b>3.6</b>
0.50 or less .....	442	—	123	82	115	45	47	9	21	3.6
0.51 to 1.00 .....	428	115	39	100	53	69	33	4	15	3.1
1.01 to 1.50 .....	82	—	3	5	40	22	6	6	—	...
1.51 or more .....	61	10	—	11	25	10	5	—	—	...
<b>BEDROOMS</b>										
None .....	199	178	—	21	—	—	—	—	—	...
1 .....	4 976	—	834	3 096	900	84	20	—	42	3.0
2 .....	8 117	—	—	272	5 138	2 452	214	41	—	4.2
3 or more .....	4 330	—	—	—	163	1 385	1 445	636	701	5.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	712	31	15	103	317	152	76	5	13	4.2
1960 to 1968 .....	3 679	56	97	717	1 660	761	222	88	78	4.1
1950 to 1959 .....	2 503	15	65	351	922	704	309	81	56	4.4
1949 or earlier .....	10 923	263	579	2 167	3 296	2 282	1 149	546	641	4.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	15 787	240	553	3 107	5 766	3 654	1 504	585	378	4.2
2 or more .....	884	18	—	—	97	78	152	142	397	7.2
None or also used by another household .....	1 146	146	180	222	266	186	97	28	21	3.6
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>17 512</b>	<b>365</b>	<b>746</b>	<b>3 315</b>	<b>6 137</b>	<b>3 820</b>	<b>1 707</b>	<b>699</b>	<b>723</b>	<b>4.2</b>
Less than 10 percent .....	1 376	41	43	201	441	274	207	87	82	4.4
10 to 14 percent .....	3 596	61	161	602	1 210	929	395	105	133	4.3
15 to 19 percent .....	3 266	54	87	594	1 114	806	332	155	124	4.3
20 to 24 percent .....	2 298	29	72	406	887	528	264	78	34	4.2
25 to 34 percent .....	2 521	37	86	554	884	594	208	77	81	4.2
35 percent or more .....	3 407	123	257	858	1 265	511	179	101	113	3.9
Not computed .....	1 048	20	40	100	336	178	122	96	156	4.7

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

<sup>2</sup>Excludes 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 .....	40 648	37 614	1 970	1 064	17 817	6 763	3 682	2 095	1 839	2 352	836	250
<b>ROOMS</b>												
1 room .....	82	76	-	6	365	32	8	73	85	80	87	-
2 rooms .....	110	35	27	48	756	130	116	182	129	142	49	8
3 rooms .....	525	243	153	129	3 338	353	753	692	576	603	303	58
4 rooms .....	4 395	3 209	605	581	6 195	1 659	1 765	674	627	1 048	273	149
5 rooms .....	11 473	10 618	578	277	3 899	1 864	760	395	357	395	109	19
6 rooms .....	11 061	10 695	343	23	1 756	1 386	185	62	49	59	15	-
7 rooms .....	6 542	6 403	139	-	720	630	55	-	10	25	-	-
8 rooms or more .....	6 460	6 335	125	-	788	709	40	17	6	-	-	16
Median .....	5.8	5.9	4.8	4.1	4.2	5.1	4.0	3.6	3.7	3.8	3.4	3.9
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities .....	39 593	36 697	1 887	1 009	16 804	6 227	3 521	1 951	1 743	2 308	815	239
0.50 or less .....	23 312	21 419	1 463	430	8 243	2 497	1 824	1 085	932	1 377	416	112
0.51 to 1.00 .....	15 096	14 180	380	536	7 270	3 103	1 447	718	681	852	360	109
1.01 to 1.50 .....	1 030	951	40	39	1 091	584	181	115	101	58	34	18
1.51 or more .....	155	147	4	4	200	43	69	33	29	21	5	-
Lacking some or all plumbing facilities .....	1 055	917	83	55	1 013	536	161	144	96	44	21	11
0.50 or less .....	568	482	65	21	442	242	104	45	36	15	-	-
0.51 to 1.00 .....	365	317	14	34	428	189	47	87	60	29	16	-
1.01 to 1.50 .....	84	80	4	-	82	67	3	7	-	-	-	-
1.51 or more .....	38	38	-	-	61	38	7	5	-	-	5	6
<b>BEDROOMS</b>												
None .....	60	44	-	16	199	-	-	49	20	70	60	-
1 .....	1 285	699	490	96	4 976	694	1 106	1 017	764	864	509	22
2 .....	11 312	9 789	724	724	8 117	2 471	2 099	1 049	654	1 358	272	214
3 .....	20 320	19 698	419	203	2 902	1 970	474	184	153	100	-	21
4 or more .....	7 843	7 682	161	-	1 428	1 297	62	20	24	-	25	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	1 368	1 142	26	200	712	156	81	23	203	226	18	5
1965 to 1968 .....	4 525	4 107	46	372	2 328	257	167	86	163	1 173	398	84
1960 to 1964 .....	6 094	5 772	79	243	1 351	484	205	145	36	353	74	54
1950 to 1959 .....	11 389	10 947	232	210	2 503	1 330	376	283	228	146	59	81
1940 to 1949 .....	5 101	4 925	162	14	2 028	1 122	328	123	361	40	54	-
1939 or earlier .....	12 171	10 721	1 425	25	8 895	3 414	2 525	1 435	848	414	233	26
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	3 454	2 909	429	116	2 533	752	639	426	292	247	148	29
\$2,000 to \$2,999 .....	1 693	1 423	243	27	1 528	408	420	271	207	130	78	14
\$3,000 to \$3,999 .....	1 945	1 697	185	63	1 726	497	398	282	282	163	78	26
\$4,000 to \$4,999 .....	1 881	1 717	108	56	1 610	503	307	230	226	232	94	18
\$5,000 to \$5,999 .....	2 018	1 785	124	109	1 792	770	327	193	201	195	75	31
\$6,000 to \$6,999 .....	2 476	2 223	131	122	1 688	682	332	130	140	285	75	44
\$7,000 to \$9,999 .....	8 839	8 207	339	293	3 502	1 519	713	301	274	540	101	54
\$10,000 to \$14,999 .....	11 047	10 603	215	229	2 622	1 219	478	236	167	396	113	34
\$15,000 to \$24,999 .....	5 694	5 496	149	49	713	352	75	26	45	143	69	-
\$25,000 or more .....	1 601	1 554	47	49	1 033	61	11	5	21	5	-	-
Median .....	\$9 300	\$9 600	\$5 200	\$7 400	\$5 800	\$6 700	\$5 200	\$4 300	\$4 600	\$6 700	\$5 300	\$6 200
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	4 207	3 719	119	369	7 707	2 418	1 513	931	948	1 320	434	143
1968 .....	2 920	2 681	83	156	2 685	1 091	485	258	251	453	121	26
1967 .....	2 493	2 315	62	116	1 576	666	312	169	133	193	70	33
1965 and 1966 .....	4 777	4 442	140	195	2 065	875	452	215	241	171	93	18
1960 to 1964 .....	9 778	7 519	305	154	1 879	866	445	195	175	124	57	17
1950 to 1959 .....	9 639	9 107	470	62	1 165	505	318	156	118	29	39	-
1949 or earlier .....	8 634	7 800	827	7	740	417	163	101	36	23	-	-
<b>GROSS RENT</b>												
<b>Specified renter occupied<sup>1</sup></b>												
Less than \$50 .....	...	...	...	...	17 512	6 458	3 682	2 095	1 839	2 352	836	250
\$50 to \$59 .....	...	...	...	...	1 175	305	244	205	210	103	71	37
\$60 to \$69 .....	...	...	...	...	1 018	261	243	269	118	70	46	11
\$70 to \$79 .....	...	...	...	...	1 254	372	427	177	178	69	27	4
\$80 to \$99 .....	...	...	...	...	1 901	551	515	413	291	66	40	25
\$100 to \$119 .....	...	...	...	...	3 904	1 368	958	576	490	242	213	57
\$120 to \$149 .....	...	...	...	...	2 854	1 308	585	239	210	370	85	57
\$150 to \$199 .....	...	...	...	...	2 881	989	409	137	126	1 005	172	43
\$200 to \$299 .....	...	...	...	...	1 450	586	125	51	165	382	136	5
\$300 or more .....	...	...	...	...	229	127	9	20	32	14	27	-
No cash rent .....	...	...	...	...	37	26	11	-	-	-	-	-
Median .....	...	...	...	...	\$809	\$655	\$156	\$8	\$19	\$31	\$19	\$11
					\$95	\$101	\$86	\$80	\$84	\$127	\$103	\$97
<b>HEATING EQUIPMENT</b>												
Steam or hot water .....	8 048	7 102	921	25	5 294	850	1 601	1 215	952	375	285	16
Warm-air furnace .....	23 704	22 201	716	787	5 827	2 801	1 063	426	593	615	185	144
Built-in electric units .....	2 716	2 540	81	95	2 393	230	229	111	153	1 298	352	20
Floor, wall, or pipeless furnace .....	2 859	2 695	93	71	1 226	935	176	47	30	4	10	24
Other means .....	3 307	3 062	159	86	3 060	1 930	613	296	111	60	4	46
None .....	14	14	-	-	17	17	-	-	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s) .....	12 382	11 451	510	421	2 867	998	550	349	322	451	165	32
Central system .....	2 453	2 342	65	46	2 162	129	83	124	255	1 292	269	10
None .....	25 813	23 790	1 431	592	12 788	5 711	3 055	1 552	1 325	570	380	195
<b>AUTOMOBILES AVAILABLE</b>												
1 .....	18 501	16 845	943	713	9 108	3 418	1 899	945	820	1 430	466	130
2 .....	15 234	14 607	419	208	3 012	1 564	415	164	241	456	133	39
3 or more .....	2 647	2 574	57	16	332	202	27	27	28	41	7	-
None .....	4 266	3 557	587	122	5 365	1 654	1 347	889	813	386	208	68

<sup>1</sup>Excludes 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		
<b>Owner occupied housing units</b> -----	40 648	843	5 574	7 288	12 591	4 847	1 079	357	2 384	1 163	2 018	2 504
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	39 593	843	5 501	7 163	12 387	4 678	1 034	339	2 321	1 127	1 894	2 306
0.50 or less	23 312	408	1 821	1 846	7 694	4 084	568	273	1 529	907	1 881	2 301
0.51 to 1.00	15 096	416	3 414	4 913	4 372	566	430	66	702	197	13	5
1.01 to 1.50	1 030	19	243	367	259	11	26	—	82	23	—	—
1.51 or more	155	—	23	35	62	17	10	—	8	—	—	—
Lacking some or all plumbing facilities	1 055	—	73	125	204	169	45	18	63	36	124	198
0.50 or less	568	—	—	19	49	105	19	6	26	28	124	192
0.51 to 1.00	365	—	46	66	121	57	26	5	30	8	—	6
1.01 to 1.50	84	—	19	36	8	7	—	7	—	—	—	—
1.51 or more	38	—	8	4	26	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>												
1	37 614	669	5 191	7 120	12 057	4 457	981	342	2 164	1 016	1 632	1 985
2 or more	1 970	10	98	84	352	341	51	10	163	147	260	454
Mobile home or trailer	1 064	164	285	84	182	49	47	5	57	—	126	65
<b>INCOME IN 1969</b>												
Less than \$2,000	3 454	18	28	88	218	435	68	43	291	311	450	1 504
\$2,000 to \$2,999	1 693	10	23	27	161	538	10	49	144	120	262	349
\$3,000 to \$3,999	1 945	43	34	44	260	756	32	45	237	58	194	242
\$4,000 to \$4,999	1 881	35	97	60	377	547	32	40	258	78	251	106
\$5,000 to \$5,999	2 018	52	180	168	561	435	76	25	246	89	145	41
\$6,000 to \$6,999	2 476	51	285	340	750	409	98	25	220	61	175	62
\$7,000 to \$9,999	8 839	293	1 877	1 765	2 686	755	302	48	459	217	336	101
\$10,000 to \$14,999	11 047	292	2 298	2 919	3 988	495	285	33	385	141	162	49
\$15,000 to \$24,999	5 694	49	651	1 480	2 767	362	117	19	117	74	19	44
\$25,000 or more	1 601	—	101	397	823	115	59	30	32	14	24	6
Median	\$9 300	\$9 200	\$10 600	\$12 000	\$11 600	\$5 300	\$9 200	\$5 100	\$6 100	\$5 200	\$4 400	\$2000-
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	36 442	646	5 130	6 978	11 626	4 269	965	318	2 075	995	1 566	1 874
Less than 1.5	14 560	286	1 983	3 260	6 106	1 023	449	119	663	323	237	111
1.5 to 1.9	7 947	155	1 552	1 931	2 650	656	193	45	316	127	266	56
2.0 to 2.4	4 273	93	835	900	1 242	512	107	32	248	79	156	69
2.5 to 2.9	2 495	37	433	408	496	438	78	15	220	54	192	124
3.0 to 3.9	2 374	14	226	258	544	562	53	15	211	75	198	218
4.0 or more	4 521	61	101	200	533	1 064	73	92	371	325	451	1 250
Not computed	272	—	—	21	55	14	12	—	46	12	66	46
<b>Renter occupied housing units</b> -----	17 817	2 079	3 289	1 530	2 201	786	616	100	2 382	392	2 983	1 459
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	16 804	2 043	3 192	1 465	2 051	701	591	95	2 295	364	2 710	1 297
0.50 or less	8 243	661	728	927	2 478	947	274	56	843	214	2 581	1 234
0.51 to 1.00	7 270	1 290	2 080	922	947	203	279	30	1 190	137	129	63
1.01 to 1.50	1 091	82	306	261	165	20	33	9	202	13	—	—
1.51 or more	200	—	78	35	12	—	5	—	60	—	—	—
Lacking some or all plumbing facilities	1 013	36	97	65	150	85	25	5	87	28	273	162
0.50 or less	442	—	10	—	36	41	—	5	11	19	174	146
0.51 to 1.00	428	36	32	40	85	37	14	—	60	9	99	16
1.01 to 1.50	82	—	29	20	15	7	—	—	11	—	—	—
1.51 or more	61	—	26	5	14	—	11	—	5	—	—	—
<b>UNITS IN STRUCTURE</b>												
1	6 763	540	1 539	1 004	1 333	370	217	65	748	121	545	281
2 to 4	5 777	786	855	308	625	274	169	17	836	167	1 031	709
5 to 19	4 191	594	749	161	172	131	190	12	633	62	1 128	359
20 or more	836	96	85	56	56	11	24	6	143	35	248	104
Mobile home or trailer	250	63	61	29	15	—	16	—	22	7	31	6
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	17 512	2 063	3 257	1 471	2 104	749	611	100	2 360	387	2 967	1 443
Less than \$50	1 175	10	80	52	109	93	24	15	168	26	330	268
\$50 to \$59	1 018	67	71	35	93	55	36	13	197	51	201	199
\$60 to \$69	1 254	99	160	52	170	73	56	11	173	53	309	98
\$70 to \$79	1 901	172	228	155	245	88	64	14	233	35	391	256
\$80 to \$99	3 904	521	719	312	423	169	122	23	668	109	601	237
\$100 to \$119	2 854	405	623	281	378	115	88	12	358	53	426	115
\$120 to \$149	2 881	593	736	229	286	71	111	6	321	15	437	76
\$150 to \$199	1 450	121	471	195	202	40	70	6	185	14	113	33
\$200 to \$299	229	5	53	47	37	—	11	—	19	—	41	16
\$300 or more	37	—	—	6	15	5	11	—	—	—	—	—
No cash rent	809	50	116	107	146	40	18	—	38	31	118	145
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	17 512	2 063	3 257	1 471	2 104	749	611	100	2 360	387	2 967	1 443
Less than \$5,000	7 263	565	412	202	508	441	251	54	1 608	245	1 683	1 294
Less than 20 percent	777	41	52	49	114	49	24	7	160	220	36	34
20 to 24 percent	896	84	78	28	61	82	54	—	232	31	195	54
25 to 34 percent	1 634	124	117	70	131	131	41	21	524	54	388	233
35 percent or more	3 113	292	152	40	155	154	116	26	781	103	710	784
Not computed	643	24	13	15	47	25	16	—	111	35	170	187
\$5,000 to \$9,999	6 862	1 088	1 771	770	877	175	272	17	597	122	1 050	119
Less than 20 percent	4 294	630	1 113	503	608	121	151	15	328	75	679	71
20 to 24 percent	1 303	288	356	111	109	27	63	6	106	33	182	22
25 to 34 percent	851	144	177	75	74	16	47	—	140	5	157	16
35 percent or more	94	11	33	5	5	5	5	—	14	—	11	5
Not computed	320	15	92	76	81	6	6	—	9	—	21	5
\$10,000 to \$14,999	2 595	375	889	390	453	99	58	22	126	14	146	23
Less than 20 percent	2 404	364	829	344	407	99	43	22	126	14	140	16
20 to 24 percent	93	—	49	13	13	—	5	—	—	—	6	7
25 percent or more	36	—	—	16	10	—	10	—	—	—	—	—
Not computed	62	11	11	17	23	—	—	—	—	—	—	—
\$15,000 or more	792	35	185	109	266	34	30	3	29	6	88	7
Less than 20 percent	763	35	179	105	256	25	30	3	29	6	88	7
20 to 24 percent	6	—	6	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	23	—	—	4	10	9	—	—	—	—	—	—

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

<sup>2</sup>Excludes 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
<b>Owner occupied housing units</b> -----	<b>40 648</b>	<b>4 522</b>	<b>13 029</b>	<b>8 153</b>	<b>7 770</b>	<b>4 145</b>	<b>1 796</b>	<b>828</b>	<b>405</b>	<b>2.8</b>
<b>BEDROOMS</b>										
None and 1 -----	1 345	532	639	140	--	--	--	--	34	1.7
2 -----	11 312	2 008	4 891	2 457	1 367	423	145	21	--	2.2
3 -----	20 320	1 481	6 295	4 155	4 831	2 244	919	289	106	3.1
4 or more -----	7 843	486	1 595	1 461	1 595	1 372	819	405	110	3.7
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 -----	1 368	40	364	434	263	185	57	18	7	3.1
1965 to 1968 -----	4 525	133	923	1 137	1 303	598	276	116	39	3.6
1960 to 1964 -----	6 094	277	1 367	1 314	1 670	968	315	139	44	3.6
1950 to 1959 -----	11 389	1 059	3 829	2 383	2 313	1 162	487	132	24	2.8
1940 to 1949 -----	5 101	524	2 143	907	833	353	189	98	54	2.4
1939 or earlier -----	12 171	2 489	4 403	1 978	1 388	879	472	325	237	2.3
<b>UNITS IN STRUCTURE</b>										
1 -----	37 614	3 617	11 954	7 600	7 448	4 026	1 762	813	394	2.9
2 or more -----	1 970	714	748	239	165	57	30	10	7	1.9
Mobile home or trailer -----	1 064	191	327	314	157	62	4	5	4	2.5
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 -----	29 138	3 689	9 926	5 768	5 230	2 563	1 104	529	329	2.7
2 and 2 1/2 -----	8 637	434	2 304	1 898	2 042	1 172	473	218	96	3.3
3 or more -----	1 611	104	377	261	371	278	140	63	17	3.7
None or also used by another household -----	1 262	340	317	185	156	133	26	69	36	2.4
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> -----										
Male head, wife present, no nonrelatives -----	31 143	...	13 029	8 153	7 770	4 145	1 796	828	405	3.1
Under 25 years -----	843	...	304	343	128	44	15	4	5	2.8
25 to 34 years -----	5 574	...	820	1 378	2 010	913	290	107	56	3.8
35 to 44 years -----	7 288	...	640	1 144	2 474	1 662	879	367	122	4.3
45 to 64 years -----	12 591	...	5 169	3 252	2 222	1 155	418	230	145	2.8
65 years and over -----	4 847	...	3 696	788	220	54	28	56	5	2.2
Other male head -----	1 436	...	546	415	271	83	70	26	25	2.9
Under 65 years -----	1 079	...	372	294	243	61	65	26	18	3.1
65 years and over -----	357	...	174	121	28	22	5	--	7	2.5
Female head -----	3 547	...	1 854	833	445	234	96	38	47	2.5
Under 65 years -----	2 384	...	1 078	662	328	172	86	31	27	2.7
65 years and over -----	1 163	...	776	171	117	62	10	7	20	2.2
One-person households -----	4 522	4 522	...	...	...	...	...	...	...	1.0
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> -----										
Less than 1.5 -----	36 442	3 440	11 561	7 400	7 303	3 886	1 686	778	388	2.9
1.5 to 1.9 -----	14 560	348	3 966	3 480	3 408	1 795	794	494	275	3.4
2.0 to 2.4 -----	7 947	322	2 381	1 705	1 922	929	443	170	75	3.2
2.5 to 2.9 -----	4 273	225	1 426	829	963	521	224	51	34	3.1
3.0 to 3.9 -----	2 495	316	868	502	456	233	90	30	--	2.6
4.0 or more -----	2 374	416	1 002	395	249	196	97	15	4	2.3
Not computed -----	4 521	1 701	1 849	453	283	189	28	18	--	1.8
	272	112	69	36	22	23	10	--	--	1.8
<b>Renter occupied housing units</b> -----										
<b>17 817</b>	<b>4 442</b>	<b>5 273</b>	<b>3 436</b>	<b>2 022</b>	<b>1 162</b>	<b>712</b>	<b>484</b>	<b>286</b>	<b>2.3</b>	
<b>BEDROOMS</b>										
None -----	199	179	20	--	--	--	--	--	--	1.5
1 -----	4 976	2 608	1 719	487	92	49	21	--	--	2.5
2 -----	8 117	1 441	2 652	1 937	1 302	453	203	84	45	4.3
3 or more -----	4 330	145	545	868	721	676	573	566	236	2.2
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 -----	712	119	237	134	107	55	25	8	27	2.5
1965 to 1968 -----	2 328	593	845	512	190	107	60	16	5	2.2
1960 to 1964 -----	1 351	248	524	314	128	67	37	25	8	2.3
1950 to 1959 -----	2 503	378	672	533	416	259	122	79	44	2.9
1940 to 1949 -----	2 028	426	575	468	315	119	73	34	18	2.5
1939 or earlier -----	8 895	2 678	2 420	1 475	866	555	395	322	184	2.2
<b>UNITS IN STRUCTURE</b>										
1 -----	6 763	826	1 534	1 393	1 148	785	500	343	234	3.2
2 -----	3 682	908	1 237	841	356	164	77	72	27	2.3
3 and 4 -----	2 095	832	630	316	140	91	36	36	14	1.8
5 to 9 -----	1 839	668	614	278	152	44	57	15	11	1.9
10 to 19 -----	2 352	819	879	405	166	45	27	11	--	1.9
20 or more -----	836	352	271	140	39	23	4	7	--	1.7
Mobile home or trailer -----	250	37	108	63	21	10	11	--	--	2.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 -----	15 787	3 801	4 927	3 197	1 835	955	544	293	235	2.3
2 or more -----	884	103	184	125	96	151	130	65	30	3.8
None or also used by another household -----	1 146	506	265	151	59	49	31	57	28	1.8
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b> -----										
Male head, wife present, no nonrelatives -----	13 375	...	5 273	3 436	2 022	1 162	712	484	286	2.9
Under 25 years -----	9 885	...	3 659	2 542	1 624	920	541	374	225	3.0
25 to 34 years -----	2 079	...	1 024	701	267	70	13	4	--	2.5
35 to 44 years -----	3 289	...	852	1 004	716	348	209	101	59	3.3
45 to 64 years -----	1 530	...	235	262	274	304	209	164	82	4.5
65 years and over -----	2 201	...	974	462	304	181	101	95	84	2.8
Other male head -----	786	...	574	113	63	17	9	10	--	2.2
Under 65 years -----	716	...	413	144	84	31	31	4	9	2.4
65 years and over -----	616	...	349	117	84	31	31	4	4	2.4
Female head -----	100	...	64	27	--	--	--	--	9	2.3
Under 65 years -----	2 774	...	1 201	750	314	211	140	106	52	2.7
65 years and over -----	2 382	...	937	678	295	198	126	96	52	2.9
One-person households -----	392	...	264	72	19	13	14	10	--	2.2
	4 442	4 442	...	...	...	...	...	...	...	1.0
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> -----										
Less than 10 percent -----	17 512	4 410	5 172	3 402	1 980	1 125	692	460	271	2.3
10 to 14 percent -----	1 376	169	413	352	140	119	70	59	54	2.8
15 to 19 percent -----	3 596	555	1 246	775	459	278	144	83	56	2.5
20 to 24 percent -----	3 266	533	932	703	515	261	192	75	55	2.7
25 to 34 percent -----	2 298	466	682	463	296	172	121	69	29	2.5
35 percent or more -----	2 521	794	722	490	242	122	56	64	31	2.1
Not computed -----	3 407	1 510	927	450	259	118	39	74	30	1.7
	1 048	383	250	169	69	55	70	36	16	2.1

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

<sup>2</sup>Excludes 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
<b>Vacant for sale</b> -----	<b>761</b>	<b>494</b>	<b>150</b>	<b>117</b>	<b>Vacant for rent</b> -----	<b>1 291</b>	<b>889</b>	<b>272</b>	<b>130</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms -----	30	18	4	8	1 room -----	46	36	4	6
4 rooms -----	63	31	12	20	2 rooms -----	86	55	16	15
5 rooms -----	149	86	42	21	3 rooms -----	242	179	39	24
6 rooms -----	173	117	38	18	4 rooms -----	522	344	125	53
7 rooms or more -----	346	242	54	50	5 rooms -----	241	173	51	17
					6 rooms -----	77	61	16	16
					7 rooms or more -----	77	41	21	15
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities -----	704	472	142	90	With all plumbing facilities -----	1 180	826	245	109
Lacking some or all plumbing facilities -----	57	22	8	27	Lacking some or all plumbing facilities -----	111	63	27	21
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 -----	27	27	—	—	None -----	33	33	—	—
2 -----	99	17	49	33	1 -----	357	282	45	30
3 -----	235	187	16	32	2 -----	609	494	98	17
4 or more -----	245	180	48	17	3 or more -----	321	210	94	17
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 -----	336	253	76	7	1969 to March 1970 -----	302	231	56	15
1960 to 1968 -----	88	66	15	7	1960 to 1968 -----	143	123	20	—
1950 to 1959 -----	58	31	8	19	1950 to 1959 -----	84	52	20	12
1949 or earlier -----	279	144	51	84	1949 or earlier -----	762	483	176	103
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 -----	733	478	142	113	1 -----	291	184	70	37
2 or more -----	28	16	8	4	2 to 4 -----	434	260	108	66
					5 to 9 -----	334	251	68	15
					10 to 19 -----	169	136	21	12
					20 or more -----	63	58	5	—
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water -----	97	65	12	20	<b>Specified vacant for rent<sup>2</sup></b> -----	<b>1 269</b>	<b>880</b>	<b>268</b>	<b>121</b>
Warm-air furnace -----	388	304	53	31	Less than \$50 -----	184	112	44	28
Built-in electric units -----	131	67	7	7	\$50 to \$59 -----	203	126	69	8
Floor, wall, or pipeless furnace -----	61	20	9	32	\$60 to \$79 -----	293	192	52	49
Other means -----	81	35	19	27	\$80 to \$99 -----	131	97	30	4
None -----	3	3	—	—	\$100 to \$119 -----	123	112	6	5
					\$120 to \$149 -----	127	107	8	12
					\$150 to \$199 -----	135	94	26	15
					\$200 or more -----	73	40	33	—
					Median rent asked -----	\$77	\$82	\$68	\$70
<b>SALES PRICE ASKED</b>									
<b>Specified vacant for sale<sup>1</sup></b> -----	<b>715</b>	<b>471</b>	<b>142</b>	<b>102</b>					
Less than \$5,000 -----	56	26	7	23					
\$5,000 to \$9,999 -----	126	62	20	44					
\$10,000 to \$14,999 -----	107	61	39	7					
\$15,000 to \$19,999 -----	109	85	21	3					
\$20,000 to \$24,999 -----	152	104	27	21					
\$25,000 to \$34,999 -----	134	102	28	4					
\$35,000 to \$49,999 -----	16	16	—	—					
\$50,000 or more -----	15	15	—	—					
Median price asked -----	\$18 100	\$20 100	\$16 200	\$8 400					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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 <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	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
<b>Total</b> -----	<b>715</b>	<b>182</b>	<b>107</b>	<b>109</b>	<b>152</b>	<b>134</b>	<b>31</b>	<b>1 269</b>	<b>387</b>	<b>293</b>	<b>131</b>	<b>250</b>	<b>135</b>	<b>73</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities -----	497	85	100	46	93	130	43	1 196	323	132	201	264	197	79
Lacking some or all plumbing facilities -----	60	60	—	—	—	—	—	91	17	74	—	—	—	—
<b>BEDROOMS</b>														
None and 1 -----	27	27	—	—	—	—	—	390	138	79	82	65	26	—
2 -----	82	50	17	—	15	—	—	609	132	127	68	128	154	—
3 -----	203	34	33	46	16	48	26	220	70	—	—	54	17	79
4 or more -----	245	34	50	—	62	82	17	68	—	—	51	17	—	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 -----	336	5	41	56	88	119	27	302	22	12	8	90	113	57
1960 to 1968 -----	84	8	5	27	29	11	4	143	5	8	11	106	9	4
1950 to 1959 -----	51	16	9	7	19	—	—	84	29	32	17	3	3	—
1949 or earlier -----	244	153	52	19	16	4	—	740	331	241	95	51	10	12
<b>UNITS IN STRUCTURE</b>														
1 -----	...	...	...	...	...	...	...	269	107	69	43	36	9	5
2 to 4 -----	...	...	...	...	...	...	...	434	200	108	38	81	4	3
5 to 19 -----	...	...	...	...	...	...	...	503	68	100	35	113	122	65
20 or more -----	...	...	...	...	...	...	...	63	12	16	15	20	—	—
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included -----	...	...	...	...	...	...	...	464	117	120	40	46	80	61
Some or no utilities included -----	...	...	...	...	...	...	...	805	270	173	91	204	55	12

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

Roanoke	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)
<b>Specified owner occupied<sup>1</sup></b>	<b>17 708</b>	<b>886</b>	<b>1 930</b>	<b>2 431</b>	<b>2 971</b>	<b>2 735</b>	<b>3 719</b>	<b>1 329</b>	<b>859</b>	<b>536</b>	<b>312</b>	<b>13 100</b>
<b>ROOMS</b>												
1 and 2 rooms	52	12	-	-	13	5	12	10	-	-	-	...
3 rooms	113	54	25	5	18	5	6	-	-	-	-	5 300
4 rooms	1 788	193	307	609	442	149	74	9	5	-	-	9 100
5 rooms	4 866	247	484	676	1 052	1 188	1 009	160	45	5	-	12 400
6 rooms	4 999	196	597	520	788	820	1 416	442	175	31	14	13 700
7 rooms	2 798	88	242	308	347	363	663	390	270	126	38	15 600
8 rooms or more	3 092	96	275	313	311	242	539	318	364	374	260	17 700
Median	5.9	5.2	5.7	5.4	5.5	5.5	6.0	6.6	7.3	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	2 227	242	321	334	389	288	410	129	81	16	17	11 400
2 persons	6 222	273	757	803	1 027	908	1 291	510	376	174	103	13 200
3 persons	3 412	176	312	470	605	596	712	251	118	128	44	13 100
4 persons	2 861	88	185	362	445	481	720	270	167	85	58	14 300
5 persons	1 571	44	142	203	288	273	299	108	67	88	59	13 500
6 persons or more	1 415	63	213	259	217	189	287	61	50	45	31	12 000
Median	2.6	2.2	2.4	2.7	2.6	2.8	2.7	2.6	2.4	3.1	3.3	...
Units with roomers, boarders, or lodgers	558	40	138	126	89	47	75	25	12	6	-	9 500
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>17 541</b>	<b>797</b>	<b>1 886</b>	<b>2 417</b>	<b>2 971</b>	<b>2 725</b>	<b>3 714</b>	<b>1 324</b>	<b>859</b>	<b>536</b>	<b>312</b>	<b>13 100</b>
0.50 or less	10 952	534	1 244	1 382	1 662	1 506	2 314	934	664	455	257	13 600
0.51 to 1.00	6 028	234	549	900	1 199	1 118	1 325	376	195	81	51	12 800
1.01 to 1.50	511	25	93	128	197	96	64	4	-	-	4	10 200
1.51 or more	50	4	-	7	13	5	11	10	-	-	-	...
<b>Lacking some or all plumbing facilities</b>	<b>167</b>	<b>89</b>	<b>44</b>	<b>14</b>	<b>-</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5 000-</b>
0.50 or less	104	44	39	6	-	5	5	5	-	-	-	5 500
0.51 to 1.00	59	41	5	8	-	5	-	-	-	-	-	...
1.01 to 1.50	4	4	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>BEDROOMS</b>												
None and 1	407	104	103	120	43	-	16	21	-	-	-	7 400
2	5 253	412	779	1 031	1 153	755	896	181	26	20	-	10 900
3	8 115	209	869	866	1 147	1 559	2 115	731	362	202	55	14 000
4 or more	4 074	161	431	414	650	943	1 185	185	319	357	199	14 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	63	6	-	-	5	12	11	6	10	13	-	...
1965 to 1968	613	-	6	9	38	84	204	120	54	45	53	18 900
1960 to 1964	1 327	-	15	56	65	209	535	203	103	89	52	17 300
1950 to 1959	5 292	30	139	476	950	1 191	1 378	500	319	221	88	14 700
1940 to 1949	3 077	98	263	533	720	485	600	204	97	51	26	12 200
1939 or earlier	7 336	752	1 507	1 357	1 193	754	991	296	276	117	93	10 100
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	13 947	751	1 701	2 145	2 650	2 494	2 930	884	319	52	21	12 200
2 and 2 1/2	2 809	50	124	201	262	247	642	456	412	305	110	19 200
3 or more	635	-	-	-	-	-	51	75	158	156	195	38 200
None or also used by another household	267	89	78	25	22	19	27	7	-	-	-	6 400
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>15 481</b>	<b>644</b>	<b>1 609</b>	<b>2 097</b>	<b>2 582</b>	<b>2 447</b>	<b>3 309</b>	<b>1 200</b>	<b>778</b>	<b>520</b>	<b>295</b>	<b>13 300</b>
Male head, wife present, no nonrelatives	12 777	442	1 139	1 578	2 131	2 138	2 901	1 038	683	473	254	13 800
Under 25 years	306	-	23	28	81	76	81	10	-	5	-	13 200
25 to 34 years	1 661	49	76	179	288	311	496	133	83	16	20	14 400
35 to 44 years	2 525	57	175	236	393	514	647	217	154	75	57	14 500
45 to 64 years	5 612	196	525	731	982	842	1 107	498	328	280	123	13 600
65 years and over	2 673	140	340	404	387	383	570	180	118	97	54	12 900
Other male head	676	43	111	130	107	80	91	43	31	18	22	11 300
Under 65 years	488	31	65	97	96	43	73	31	21	18	13	11 300
65 years and over	188	12	46	33	11	37	18	12	10	9	9	10 700
Female head	2 028	159	359	389	344	229	317	119	64	29	19	10 800
Under 65 years	1 265	66	212	276	229	154	203	63	44	18	-	10 900
65 years and over	763	93	147	113	115	75	114	56	20	11	19	11 600
<b>One-person households</b>	<b>2 227</b>	<b>242</b>	<b>321</b>	<b>334</b>	<b>389</b>	<b>288</b>	<b>410</b>	<b>129</b>	<b>81</b>	<b>16</b>	<b>17</b>	<b>11 400</b>
Under 65 years	947	114	98	147	191	117	181	59	30	5	5	11 500
65 years and over	1 280	128	223	187	198	171	229	70	51	11	12	11 300
<b>INCOME IN 1969</b>												
Less than \$2,000	1 748	243	402	259	269	190	234	77	40	30	4	9 700
\$2,000 to \$2,999	876	133	141	172	151	131	114	18	10	6	-	9 900
\$3,000 to \$3,999	992	59	236	190	154	87	189	43	6	28	-	10 200
\$4,000 to \$4,999	993	58	156	217	153	133	196	42	33	-	5	11 100
\$5,000 to \$5,999	967	95	189	196	127	105	105	31	15	-	15	10 000
\$6,000 to \$6,999	1 178	80	167	218	250	164	225	35	29	-	10	11 200
\$7,000 to \$9,999	3 972	137	361	609	875	765	845	211	113	30	26	12 500
\$10,000 to \$14,999	4 254	70	237	457	740	845	1 153	448	195	81	28	14 300
\$15,000 to \$24,999	2 020	11	32	113	172	276	572	375	307	121	41	18 300
\$25,000 or more	708	-	9	17	18	17	86	49	111	235	183	39 100
Median	\$8 600	\$4 100	\$5 200	\$6 800	\$8 100	\$9 100	\$9 800	\$12 300	\$14 700	\$22 300	\$30 900	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 489	48	150	179	230	249	396	124	77	28	8	13 900
1968	791	11	34	63	124	50	284	126	44	22	33	16 900
1967	1 010	47	101	113	164	153	231	112	34	29	26	13 800
1965 and 1966	1 706	83	152	196	245	321	298	166	141	68	36	13 900
1960 to 1964	3 111	80	229	326	587	501	770	285	169	109	55	14 200
1950 to 1959	5 045	172	442	635	896	934	997	442	264	171	92	13 500
1949 or earlier	4 506	449	795	859	688	552	674	167	160	86	76	10 500
<b>HEATING EQUIPMENT</b>												
Steam or hot water	4 180	137	200	342	646	629	1 005	405	405	264	147	15 600
Warm-air furnace	9 597	253	880	1 305	1 579	1 674	2 383	793	366	234	130	13 700
Built-in electric units	12	12	24	24	97	114	138	65	67	24	35	15 800
Floor, wall, or pipeless furnace	1 871	165	389	442	489	205	122	29	21	-	-	9 700
Other means	1 462	319	439	318	160	113	71	37	9	-	-	7 300
None	-	-	-	-	-	-	-	-	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	5 516	96	277	386	766	1 000	1 478	711	425	253	124	15 700
Central system	805	-	10	24	81	70	189	99	127	110	95	21 400
None	11 337	794	1 616	1 961	2 087	1 690	1 983	612	337	150	107	11 600

<sup>1</sup>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]

Roanoke	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)
<b>Specified renter occupied<sup>1</sup></b>	12 444	953	824	1 016	1 520	3 038	2 012	1 809	702	112	10	448	90
<b>ROOMS</b>													
1 room	274	120	34	10	17	10	35	27	9	5	—	7	54
2 rooms	591	109	96	101	88	53	50	47	27	16	—	4	69
3 rooms	2 625	322	219	316	468	656	300	223	61	16	—	44	79
4 rooms	4 144	240	222	289	521	1 222	679	657	164	9	10	131	90
5 rooms	2 716	68	194	197	312	694	488	503	160	15	—	85	96
6 rooms	1 120	38	49	73	72	243	240	192	154	21	—	38	106
7 rooms	476	15	4	5	20	91	108	95	63	5	—	70	113
8 rooms or more	498	41	25	22	69	112	65	64	25	—	—	69	109
Median	4.1	3.3	3.8	3.8	3.9	4.2	4.4	4.4	5.1	5.2	...	4.9	...
<b>PERSONS</b>													
1 person	3 509	523	363	342	558	737	432	311	65	37	—	141	78
2 persons	3 691	220	166	326	465	956	488	643	243	25	—	159	92
3 persons	2 243	95	97	151	237	572	446	436	133	12	—	64	97
4 persons	1 275	32	49	78	124	375	271	196	97	17	—	36	98
5 persons	746	37	57	67	63	185	152	89	64	9	—	23	94
6 persons or more	980	46	92	52	73	213	223	134	100	12	10	25	100
Median	2.2	1.4	1.8	2.0	1.9	2.3	2.7	2.4	2.8	2.3	...	2.0	...
Units with roomers, boarders, or lodgers	415	48	19	24	40	125	57	47	40	5	—	10	92
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	11 928	720	739	957	1 484	3 004	2 002	1 783	702	101	10	426	92
0.50 or less	6 058	434	377	500	832	1 464	920	876	300	58	—	297	90
0.51 to 1.00	4 883	217	283	357	555	1 281	885	795	363	36	—	111	94
1.01 to 1.50	813	28	79	90	90	208	171	97	15	7	10	18	90
1.51 or more	174	41	—	10	7	51	26	15	24	—	—	—	88
<b>Lacking some or all plumbing facilities</b>	516	233	85	59	36	34	10	26	—	11	—	22	52
0.50 or less	274	106	57	32	22	14	4	16	—	6	—	17	54
0.51 to 1.00	223	120	16	27	14	20	6	10	—	5	—	5	50
1.01 to 1.50	7	—	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	12	—	12	—	—	—	—	—	—	—	—	—	...
<b>BEDROOMS</b>													
None	158	77	—	20	—	—	—	43	—	—	—	—	18
1	4 014	536	387	447	835	—	476	294	79	21	—	62	77
2	5 385	327	210	369	554	1 608	1 009	953	252	19	—	84	95
3 or more	2 907	48	211	220	254	562	718	365	330	70	—	129	103
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	259	10	—	22	22	50	43	66	34	—	—	12	109
1965 to 1968	1 373	59	46	4	7	101	268	644	197	9	—	38	129
1960 to 1964	638	5	—	9	27	56	143	248	128	5	—	17	129
1950 to 1959	1 678	299	168	90	93	237	317	230	132	31	—	81	92
1940 to 1949	1 432	24	65	54	179	469	370	162	61	8	—	40	96
1939 or earlier	7 064	556	545	837	1 192	2 125	871	459	150	59	10	260	82
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	135	—	—	—	26	47	42	—	—	—	—	20	...
With elevator	—	—	—	—	—	—	—	—	—	—	—	—	...
Walk-up	135	—	—	—	26	47	42	—	—	—	—	20	...
1 to 3 floors	12 329	988	808	1 056	1 617	3 000	2 161	1 655	661	110	—	273	90
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	11 340	614	713	939	1 445	2 921	1 896	1 741	612	66	13	380	91
2 or more	491	43	6	10	15	86	69	78	81	29	—	74	114
None or also used by another household	609	278	98	72	42	24	19	25	7	13	—	31	51
<b>INCOME IN 1969</b>													
Less than \$2,000	1 989	442	224	243	278	331	199	132	40	8	—	92	71
\$2,000 to \$2,999	1 280	156	176	146	213	312	113	85	9	11	—	59	76
\$3,000 to \$3,999	1 345	119	224	143	161	374	153	101	21	17	—	32	80
\$4,000 to \$4,999	1 247	107	86	116	166	363	172	131	48	18	—	40	87
\$5,000 to \$5,999	1 277	55	28	123	209	406	206	181	45	—	—	24	89
\$6,000 to \$6,999	1 065	44	20	75	157	295	159	209	39	11	—	56	94
\$7,000 to \$9,999	2 225	20	51	141	243	562	531	393	180	9	—	95	102
\$10,000 to \$14,999	1 610	6	9	29	85	363	374	451	214	33	10	36	116
\$15,000 to \$24,999	349	4	6	—	8	26	94	111	90	—	—	10	129
\$25,000 or more	57	—	—	—	—	6	11	15	16	5	—	4	...
Median	\$5 300	\$2 200	\$3 100	\$3 800	\$4 700	\$5 300	\$7 000	\$7 500	\$9 500	\$6 200	...	\$5 000	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	5 116	234	208	370	566	1 108	903	1 049	466	82	—	130	100
1968	1 875	122	107	86	242	505	360	292	84	7	—	70	91
1967	1 073	118	65	86	127	281	157	126	72	—	13	28	89
1965 and 1966	1 505	100	92	189	202	420	225	167	62	7	—	41	88
1960 to 1964	1 375	148	76	132	208	399	187	142	16	6	—	61	84
1950 to 1959	975	129	132	109	101	267	117	44	—	—	—	76	78
1949 or earlier	521	84	137	49	56	51	35	24	—	6	—	79	60
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	888	144	62	112	113	202	155	69	26	5	—	...	81
10 to 14 percent	2 445	165	92	216	331	670	436	387	148	—	—	...	93
15 to 19 percent	2 240	116	177	143	309	586	437	333	134	5	—	...	92
20 to 24 percent	1 625	125	154	94	141	416	280	266	125	24	—	...	94
25 to 34 percent	1 884	122	136	157	222	474	272	354	129	8	10	...	92
35 percent or more	2 712	258	182	270	367	641	405	384	135	70	—	...	87
Not computed	650	23	21	24	37	49	27	16	5	—	—	448	79
<b>AIR CONDITIONING</b>													
Room unit(s)	2 159	31	65	92	197	594	447	450	159	24	—	100	102
Central system	980	—	—	—	—	14	176	554	212	13	—	11	136
None	9 301	904	752	929	1 305	2 423	1 361	840	329	71	13	374	84

<sup>1</sup>Excludes 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]

Roanoke	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)
<b>Owner occupied housing units</b> -----	<b>19 464</b>	<b>2 136</b>	<b>1 082</b>	<b>1 152</b>	<b>1 098</b>	<b>1 072</b>	<b>1 301</b>	<b>4 281</b>	<b>4 437</b>	<b>2 145</b>	<b>760</b>	<b>8 300</b>
<b>ROOMS</b>												
1 and 2 rooms -----	75	19	12	—	—	—	14	17	5	—	8	...
3 rooms -----	231	80	49	6	15	10	10	43	12	6	—	2 700
4 rooms -----	2 343	480	209	176	133	197	230	570	293	51	4	5 900
5 rooms -----	5 386	514	336	348	324	286	454	1 396	1 321	351	56	7 900
6 rooms -----	5 297	547	248	365	334	293	342	1 214	1 249	618	87	8 300
7 rooms or more -----	6 132	496	228	257	292	286	251	1 041	1 557	1 119	605	10 700
<b>PERSONS</b>												
1 person -----	2 863	1 278	401	269	213	109	153	271	102	48	19	2 400
2 persons -----	6 897	586	458	685	556	482	539	1 518	1 270	565	238	7 300
3 and 4 persons -----	6 630	197	179	134	244	336	454	1 629	2 119	1 000	338	10 300
5 persons -----	1 623	55	39	23	49	75	80	409	495	321	77	10 800
6 persons or more -----	1 451	20	5	41	36	70	75	454	451	211	88	10 300
Units with roomers, boarders, or lodgers -----	659	181	60	56	59	70	45	138	33	17	—	4 600
<b>BEDROOMS</b>												
Less than 3 -----	6 854	1 296	689	572	414	407	450	1 548	1 070	313	95	6 100
3 -----	8 440	750	266	504	362	362	580	1 941	2 336	1 136	203	9 200
4 or more -----	4 170	381	55	298	288	206	280	712	855	664	431	9 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 -----	71	10	—	5	—	—	10	5	17	17	7	...
1960 to 1968 -----	2 011	94	37	23	24	44	125	483	636	352	193	11 400
1950 to 1959 -----	5 456	316	190	189	222	289	346	1 391	1 490	751	272	9 500
1949 or earlier -----	11 926	1 716	855	935	852	739	820	2 402	2 294	1 025	288	7 100
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 -----	1 576	120	47	86	92	96	114	440	414	132	35	8 600
1968 -----	867	55	36	41	6	18	44	237	262	112	56	10 000
1960 to 1967 -----	6 272	387	163	276	325	372	403	1 440	1 704	877	325	9 500
1959 or earlier -----	10 749	1 508	859	699	659	640	731	2 205	2 071	1 044	333	7 400
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine -----	13 474	791	533	593	647	601	891	3 273	3 497	2 014	634	9 500
Clothes dryer -----	6 703	142	176	115	208	228	380	1 565	1 980	1 348	561	11 400
Dishwasher -----	2 727	92	41	73	79	41	253	246	641	783	478	14 200
Home food freezer -----	5 304	319	211	241	272	164	312	1 149	1 421	879	336	10 000
Owned second home -----	1 349	37	—	99	40	42	96	299	239	326	171	11 300
With air conditioning -----	6 859	287	151	296	296	213	441	1 347	2 004	1 262	562	11 000
Room unit(s) -----	5 983	260	151	266	276	187	403	1 232	1 781	1 063	364	10 600
Central system -----	876	27	—	30	20	26	38	115	223	199	198	14 100
Automobiles available:												
1 -----	9 804	625	634	671	760	771	830	2 557	2 237	624	95	7 700
2 -----	5 655	93	68	78	56	158	283	1 385	1 823	1 205	506	11 900
3 or more -----	892	12	—	—	8	6	11	96	282	329	148	15 900
<b>Renter occupied housing units</b> -----	<b>12 464</b>	<b>1 994</b>	<b>1 285</b>	<b>1 350</b>	<b>1 247</b>	<b>1 277</b>	<b>1 065</b>	<b>2 230</b>	<b>1 610</b>	<b>349</b>	<b>57</b>	<b>5 300</b>
<b>ROOMS</b>												
1 room -----	274	85	40	55	25	11	14	44	—	—	—	3 200
2 rooms -----	601	194	97	77	47	53	38	76	14	5	—	3 100
3 rooms -----	2 630	629	326	314	343	251	240	346	144	32	5	4 100
4 rooms -----	4 144	677	406	445	454	395	331	798	533	88	17	5 200
5 rooms -----	2 716	228	274	280	219	346	256	555	466	82	10	6 000
6 rooms or more -----	2 099	181	142	179	159	221	186	411	453	142	25	6 900
<b>PERSONS</b>												
1 person -----	3 519	1 206	519	455	349	252	233	361	102	26	16	3 100
2 persons -----	3 696	432	351	473	359	384	286	653	589	145	24	5 600
3 and 4 persons -----	3 523	256	262	277	339	446	368	867	593	109	6	6 500
5 persons -----	746	35	85	68	74	68	75	190	124	27	—	6 600
6 persons or more -----	980	65	68	77	126	127	103	159	202	42	11	6 300
Units with roomers, boarders, or lodgers -----	420	88	56	77	54	40	42	45	18	—	—	3 900
<b>BEDROOMS</b>												
None -----	158	20	—	70	18	—	28	22	—	—	—	...
1 -----	4 014	1 267	464	347	615	255	341	620	65	40	—	3 800
2 -----	5 385	668	457	443	331	594	607	1 129	891	243	22	6 300
3 or more -----	2 907	214	178	287	345	214	300	616	582	146	25	6 700
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 -----	259	10	9	5	17	70	24	86	23	15	—	6 800
1960 to 1968 -----	2 021	183	110	143	163	199	216	432	441	113	21	7 000
1950 to 1959 -----	1 678	256	167	187	147	112	124	340	305	40	—	5 700
1949 or earlier -----	8 506	1 545	999	1 015	920	896	701	1 372	841	181	36	4 800
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 -----	5 123	752	497	538	512	572	572	907	660	95	18	5 500
1968 -----	1 875	214	195	187	190	152	150	393	337	57	—	6 000
1960 to 1967 -----	3 970	592	422	447	455	453	244	669	502	167	19	5 200
1959 or earlier -----	1 496	368	212	219	81	182	61	226	112	15	20	3 800
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup> -----	12 444	1 989	1 280	1 345	1 247	1 277	1 065	2 225	1 610	349	57	5 300
Less than 15 percent -----	3 333	—	8	69	143	166	270	1 021	1 264	339	53	10 000
15 to 19 percent -----	2 240	5	61	177	204	455	357	727	254	—	—	6 600
20 to 24 percent -----	1 625	61	121	204	355	328	208	306	—	—	—	5 200
25 to 34 percent -----	1 884	116	340	541	362	277	163	71	14	—	—	3 900
35 percent or more -----	2 712	1 513	691	322	143	27	11	5	—	—	—	2000—
Not computed -----	650	294	59	32	40	24	56	95	36	10	4	2 500
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine -----	3 968	344	329	296	339	256	493	757	928	179	47	6 900
Clothes dryer -----	1 358	118	85	82	164	26	110	277	377	97	22	8 000
Dishwasher -----	449	23	—	20	—	47	63	104	86	84	22	9 100
Home food freezer -----	837	69	51	61	63	64	95	119	180	110	25	7 400
Owned second home -----	334	28	—	43	28	—	19	106	48	62	—	—
With air conditioning -----	3 150	251	171	228	265	346	262	772	698	138	19	7 200
Room unit(s) -----	2 159	176	138	175	201	213	148	545	455	101	7	7 200
Central system -----	991	75	33	53	64	133	114	227	243	37	12	7 300
Automobiles available:												
1 -----	6 105	339	350	588	607	876	728	1 425	973	168	51	6 400
2 -----	1 534	75	21	89	100	73	88	454	511	123	—	9 100
3 or more -----	136	13	6	—	—	—	—	24	44	25	6	10 800

<sup>1</sup>Excludes 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]

Roanoke	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
<b>Owner occupied housing units</b> -----	<b>19 464</b>	<b>19 218</b>	<b>12 263</b>	<b>6 354</b>	<b>539</b>	<b>62</b>	<b>246</b>	<b>164</b>	<b>74</b>	<b>8</b>	<b>-</b>
<b>PERSONS</b>											
1 person -----	2 863	2 759	2 747	12	-	-	104	104	-	-	-
2 persons -----	6 897	6 840	6 728	91	-	21	57	52	5	-	-
3 persons -----	3 608	3 571	2 020	1 544	-	7	37	8	29	-	-
4 persons -----	3 022	3 008	576	2 432	-	-	14	-	14	-	-
5 persons -----	1 623	1 601	192	1 335	74	-	22	-	14	8	-
6 persons or more -----	1 451	1 439	-	940	465	34	12	-	12	-	-
Median -----	2.5	2.5	2.0	4.1	6.5	...	1.8	1.3	...	...	...
Units with roomers, boarders, or lodgers -----	659	644	345	286	13	-	15	5	10	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 -----	51	51	37	14	-	-	-	-	-	-	-
1965 to 1968 -----	610	610	347	246	11	6	-	-	-	-	-
1960 to 1964 -----	1 376	1 376	660	673	43	-	-	-	-	-	-
1950 to 1959 -----	5 380	5 363	3 026	2 179	140	18	17	12	5	-	-
1940 to 1949 -----	3 196	3 164	1 975	1 070	97	22	32	21	11	-	-
1939 or earlier -----	8 851	8 665	6 188	2 162	284	31	186	129	52	5	-
<b>INCOME IN 1969</b>											
Less than \$2,000 -----	2 136	2 048	1 874	163	11	-	88	78	10	-	-
\$2,000 to \$2,999 -----	1 082	1 065	903	157	5	-	17	13	4	-	-
\$3,000 to \$3,999 -----	1 152	1 117	1 009	80	28	-	35	24	11	-	-
\$4,000 to \$4,999 -----	1 098	1 085	851	222	12	-	13	9	-	4	-
\$5,000 to \$5,999 -----	1 072	1 067	733	300	34	-	5	-	5	-	-
\$6,000 to \$6,999 -----	1 301	1 283	797	441	31	14	18	-	18	-	-
\$7,000 to \$9,999 -----	4 281	4 240	2 201	1 777	230	32	41	26	15	-	-
\$10,000 to \$14,999 -----	4 437	4 416	2 191	2 067	153	5	21	6	11	4	-
\$15,000 to \$24,999 -----	2 145	2 145	1 148	955	31	11	-	-	-	-	-
\$25,000 or more -----	760	752	356	192	4	-	8	8	-	-	-
Median -----	\$8 300	\$8 400	\$7 000	\$10 100	\$8 900	...	\$3 500	\$2 300	...	...	...
<b>VALUE-INCOME RATIO</b>											
<b>Specified owner occupied<sup>1</sup></b> -----	<b>17 708</b>	<b>17 541</b>	<b>10 952</b>	<b>6 028</b>	<b>511</b>	<b>50</b>	<b>167</b>	<b>104</b>	<b>59</b>	<b>4</b>	<b>-</b>
Less than 1.5 -----	7 815	7 756	3 748	3 637	356	15	59	15	40	4	-
1.5 to 1.9 -----	3 521	3 503	2 050	1 319	116	18	18	8	10	-	-
2.0 to 2.4 -----	1 659	1 640	1 111	508	9	12	19	19	-	-	-
2.5 to 2.9 -----	978	978	780	187	11	-	-	-	-	-	-
3.0 to 3.9 -----	1 053	1 035	858	164	8	5	18	9	9	-	-
4.0 or more -----	2 533	2 480	2 284	191	5	-	53	53	-	-	-
Not computed -----	149	149	121	22	6	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water -----	5 062	5 012	3 845	1 106	41	20	50	44	6	-	-
Warm-air furnace -----	10 203	10 165	6 084	3 743	317	21	38	18	20	-	-
Built-in electric units -----	638	631	347	251	33	-	7	-	7	-	-
Floor, wall, or pipeless furnace -----	1 955	1 935	1 069	734	115	17	20	4	16	-	-
Other means -----	1 606	1 475	918	520	33	4	131	98	25	8	-
None -----	-	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b> -----	<b>12 464</b>	<b>11 948</b>	<b>6 073</b>	<b>4 888</b>	<b>813</b>	<b>174</b>	<b>516</b>	<b>274</b>	<b>223</b>	<b>7</b>	<b>12</b>
<b>PERSONS</b>											
1 person -----	3 519	3 190	3 050	140	-	-	329	243	86	-	-
2 persons -----	3 696	3 593	2 588	976	-	29	103	16	87	-	-
3 persons -----	2 243	2 196	378	1 789	29	-	47	15	32	-	-
4 persons -----	1 280	1 272	45	1 137	80	10	8	-	8	-	-
5 persons -----	746	724	12	508	178	26	22	-	10	7	-
6 persons or more -----	980	973	-	338	526	109	7	-	-	-	5
Median -----	2.2	2.3	1.5	3.2	6.0	6.5	1.3	1.1	1.8	...	...
Units with roomers, boarders, or lodgers -----	420	387	183	166	28	10	33	6	27	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 -----	252	245	43	145	50	7	7	-	7	-	-
1965 to 1968 -----	1 328	1 328	729	547	52	-	-	-	-	-	-
1960 to 1964 -----	648	648	345	290	7	6	-	-	-	-	-
1950 to 1959 -----	1 669	1 663	726	736	170	31	6	6	-	-	-
1940 to 1949 -----	1 448	1 448	788	576	56	28	-	-	-	-	-
1939 or earlier -----	7 119	6 624	3 436	2 626	465	97	495	261	216	8	10
<b>INCOME IN 1969</b>											
Less than \$2,000 -----	1 994	1 779	1 268	418	53	40	215	148	67	-	-
\$2,000 to \$2,999 -----	1 285	1 195	723	358	82	32	90	42	48	-	-
\$3,000 to \$3,999 -----	1 350	1 249	758	395	86	10	101	44	50	-	7
\$4,000 to \$4,999 -----	1 247	1 208	569	521	83	35	39	11	16	7	5
\$5,000 to \$5,999 -----	1 277	1 252	536	612	96	8	25	10	15	-	-
\$6,000 to \$6,999 -----	1 065	1 048	434	519	92	3	17	-	17	-	-
\$7,000 to \$9,999 -----	2 230	2 216	881	1 154	163	18	14	14	-	-	-
\$10,000 to \$14,999 -----	1 610	1 605	686	747	144	28	5	5	-	-	-
\$15,000 to \$24,999 -----	349	339	178	147	14	-	10	-	10	-	-
\$25,000 or more -----	57	57	40	17	-	-	-	-	-	-	-
Median -----	\$5 300	\$5 400	\$4 500	\$6 300	\$6 100	\$4 100	\$2 500	\$2 000-	\$2 900	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
<b>Specified renter occupied<sup>2</sup></b> -----	<b>12 444</b>	<b>11 928</b>	<b>6 058</b>	<b>4 883</b>	<b>813</b>	<b>174</b>	<b>516</b>	<b>274</b>	<b>223</b>	<b>7</b>	<b>12</b>
Less than 10 percent -----	888	847	330	416	79	22	41	14	27	-	-
10 to 14 percent -----	2 445	2 362	1 019	1 146	176	21	83	29	42	7	5
15 to 19 percent -----	2 240	2 191	884	1 079	206	22	49	22	27	-	-
20 to 24 percent -----	1 625	1 549	670	711	137	31	76	32	37	-	7
25 to 34 percent -----	1 884	1 828	1 095	641	79	13	56	35	21	-	-
35 percent or more -----	2 712	2 545	1 644	737	106	58	167	108	59	-	-
Not computed -----	650	606	416	153	30	7	44	34	10	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water -----	4 762	4 561	2 580	1 686	242	53	201	85	116	-	-
Warm-air furnace -----	3 260	3 225	1 637	1 370	189	29	35	26	9	-	-
Built-in electric units -----	1 587	1 587	827	680	64	16	-	-	-	-	-
Floor, wall, or pipeless furnace -----	865	856	335	430	75	16	9	4	5	-	-
Other means -----	1 985	1 714	694	717	243	60	271	159	93	7	12
None -----	5	5	-	5	-	-	-	-	-	-	-

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

<sup>2</sup>Excludes 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]

Roanoke	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	<b>19 464</b>	<b>48</b>	<b>27</b>	<b>231</b>	<b>2 343</b>	<b>5 386</b>	<b>5 297</b>	<b>2 909</b>	<b>3 223</b>	<b>5.8</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	19 047	56	10	192	2 181	5 250	5 303	2 902	3 153	5.8
<b>PERSONS</b>										
1 person	2 863	12	22	119	639	824	689	288	270	5.3
2 persons	6 897	21	5	91	932	2 022	1 963	1 000	863	5.7
3 persons	3 608	7	-	21	448	1 104	946	499	583	5.7
4 persons	3 022	-	-	-	230	763	928	525	576	6.1
5 persons	1 623	-	-	-	82	430	396	304	411	6.3
6 persons or more	1 451	8	-	-	12	243	375	293	520	6.8
Median	2.5	...	...	1.5	2.1	2.4	2.5	2.8	3.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	19 218	48	19	215	2 253	5 318	5 265	2 899	3 201	5.8
0.50 or less	12 263	-	14	108	1 511	2 799	3 580	1 777	2 474	6.0
0.51 to 1.00	6 354	12	5	107	656	2 276	1 536	1 069	693	5.6
1.01 to 1.50	539	-	-	-	86	234	139	53	27	5.3
1.51 or more	62	36	-	-	7	9	10	7	7	...
Lacking some or all plumbing facilities	246	-	8	16	90	68	32	10	22	4.6
0.50 or less	164	-	8	11	60	47	18	10	10	4.6
0.51 to 1.00	74	-	-	5	22	21	14	-	12	...
1.01 to 1.50	8	-	-	-	8	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1	856	21	35	204	349	185	20	21	21	4.0
2	5 998	-	-	63	2 001	2 861	916	77	80	4.8
3	8 440	-	-	-	138	2 202	3 859	1 563	678	6.0
4 or more	4 170	-	-	-	-	59	451	1 036	2 624	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	71	-	-	-	7	16	14	6	28	...
1960 to 1968	2 011	-	-	-	116	621	482	348	444	6.1
1950 to 1959	5 456	15	-	33	690	2 265	1 437	598	418	5.4
1949 or earlier	11 926	33	27	198	1 530	2 484	3 364	1 957	2 333	6.0
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	15 300	48	10	163	2 108	5 011	4 491	1 951	1 518	5.6
2 or more	3 785	8	-	29	88	256	812	951	1 641	7.2
None or also used by another household	379	-	10	19	107	110	63	42	28	5.0
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	17 708	42	10	113	1 788	4 866	4 999	2 798	3 092	5.9
Less than 1.5	7 815	-	5	47	884	2 266	2 038	1 284	1 291	5.8
1.5 to 1.9	3 521	20	-	15	247	946	1 132	550	611	6.0
2.0 to 2.9	2 637	12	-	16	189	765	754	381	520	5.9
3.0 or more	3 586	10	5	35	455	860	1 030	549	642	5.9
Not computed	149	-	-	-	13	29	45	34	28	6.2
<b>Renter occupied housing units</b>	<b>12 464</b>	<b>274</b>	<b>601</b>	<b>2 630</b>	<b>4 144</b>	<b>2 716</b>	<b>1 120</b>	<b>476</b>	<b>503</b>	<b>4.2</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	11 668	133	417	2 416	3 969	2 694	1 096	443	500	4.2
<b>PERSONS</b>										
1 person	3 519	226	374	1 331	977	437	73	26	75	3.4
2 persons	3 696	29	194	869	1 403	779	250	97	75	4.0
3 persons	2 243	-	29	305	978	538	247	72	74	4.3
4 persons	1 280	6	4	80	477	420	161	87	45	4.7
5 persons	746	-	-	31	185	274	136	57	63	5.1
6 persons or more	980	13	-	14	124	268	253	137	171	5.8
Median	2.2	1.1	1.3	1.5	2.3	2.8	3.5	4.0	4.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
With all plumbing facilities	11 948	188	461	2 491	4 069	2 673	1 105	468	493	4.2
0.50 or less	6 073	267	267	1 259	2 332	1 198	555	191	271	4.1
0.51 to 1.00	4 888	140	161	1 112	1 442	1 207	393	244	189	4.2
1.01 to 1.50	813	-	29	80	246	245	147	33	33	4.7
1.51 or more	174	48	4	40	49	23	10	-	-	3.4
Lacking some or all plumbing facilities	516	86	140	139	75	43	15	8	10	2.7
0.50 or less	274	-	107	72	48	18	15	4	10	2.9
0.51 to 1.00	223	86	33	62	13	25	-	4	-	2.3
1.01 to 1.50	7	-	-	-	7	-	-	-	-	...
1.51 or more	12	-	-	5	7	-	-	-	-	...
<b>BEDROOMS</b>										
None	158	158	-	-	-	-	-	-	-	...
1	4 014	-	666	2 487	756	65	20	-	20	3.0
2	5 385	-	-	160	3 405	1 662	117	41	-	4.2
3 or more	2 907	-	-	-	106	917	912	508	464	6.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	259	26	-	48	83	38	59	5	-	4.2
1960 to 1968	2 021	42	84	457	897	408	86	24	23	4.0
1950 to 1959	1 678	10	32	256	653	471	179	48	29	4.3
1949 or earlier	8 506	196	485	1 869	2 511	1 799	796	399	451	4.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	11 358	190	425	2 459	3 925	2 666	1 039	378	276	4.2
2 or more	497	11	-	-	74	34	82	72	224	7.2
None or also used by another household	609	97	157	160	96	66	13	13	7	2.8
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	12 444	274	591	2 625	4 144	2 716	1 120	476	498	4.2
Less than 10 percent	888	25	34	134	279	175	111	72	58	4.4
10 to 14 percent	2 445	54	107	433	784	670	237	69	91	4.3
15 to 19 percent	2 240	39	76	455	674	579	237	94	86	4.3
20 to 24 percent	1 625	29	59	307	620	360	198	32	20	4.2
25 to 34 percent	1 884	27	80	467	644	406	129	65	66	4.1
35 percent or more	2 712	93	206	740	937	407	154	74	101	3.8
Not computed	650	7	29	89	206	119	54	70	76	4.5

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

<sup>2</sup>Excludes one-family homes on 10 acres or more.

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

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

	Owner occupied				Renter occupied							
	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
<b>Roanoke</b>												
All occupied housing units	19 464	17 865	1 585	14	12 464	3 899	3 173	1 763	1 545	1 357	700	27
<b>ROOMS</b>												
1 room	48	48	-	-	274	13	8	52	76	52	73	-
2 rooms	27	10	17	-	601	72	91	166	115	108	49	-
3 rooms	231	118	113	-	2 630	200	616	616	547	377	274	-
4 rooms	2 343	1 792	542	9	4 144	877	1 520	506	482	531	217	11
5 rooms	5 386	4 898	483	5	2 716	1 077	688	350	270	259	72	-
6 rooms	5 297	5 051	246	-	1 120	818	167	56	44	20	15	-
7 rooms	2 909	2 814	95	-	476	418	43	-	5	10	-	-
8 rooms or more	3 223	3 134	89	-	503	424	40	17	6	-	-	16
Median	5.8	5.9	4.7	...	4.2	5.2	4.1	3.6	3.6	3.8	3.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	19 218	17 693	1 571	14	11 948	3 787	3 020	1 639	1 453	1 329	693	27
0.50 or less	12 263	11 054	1 200	9	6 073	1 600	1 595	914	794	795	348	27
0.51 to 1.00	6 354	6 066	283	5	4 888	1 786	1 219	581	534	462	306	-
1.01 to 1.50	539	511	28	-	813	367	154	111	96	51	34	-
1.51 or more	62	62	-	-	174	34	52	33	29	21	5	-
Lacking some or all plumbing facilities	246	172	74	-	516	112	153	124	92	28	7	-
0.50 or less	164	104	60	-	274	84	104	45	36	5	-	-
0.51 to 1.00	74	64	10	-	223	28	42	67	56	23	7	-
1.01 to 1.50	8	4	4	-	7	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	12	-	7	5	-	-	-	-
<b>BEDROOMS</b>												
None	21	21	-	-	158	-	-	49	20	50	39	-
1	835	386	449	-	4 014	411	945	912	744	530	472	-
2	5 998	5 308	690	-	5 385	1 301	1 835	835	501	658	232	23
3	8 440	8 192	248	-	1 810	1 015	474	184	118	19	-	-
4 or more	4 170	4 111	59	-	1 097	966	62	20	24	-	25	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	71	63	8	-	259	105	37	8	37	55	12	5
1965 to 1968	646	624	22	-	1 383	103	108	30	108	689	339	6
1960 to 1964	1 365	1 327	29	9	638	157	150	110	26	157	38	-
1950 to 1959	5 456	5 325	126	5	1 678	747	320	265	219	84	43	-
1940 to 1949	3 235	3 110	125	-	1 432	610	282	108	347	31	54	-
1939 or earlier	8 691	7 416	1 275	-	7 074	2 177	2 276	1 242	808	341	214	16
<b>INCOME IN 1969</b>												
Less than \$2,000	2 136	1 762	369	5	1 994	419	610	372	277	167	136	13
\$2,000 to \$2,999	1 082	881	201	-	1 285	283	380	260	188	96	78	-
\$3,000 to \$3,999	1 152	992	160	-	1 350	294	357	256	256	116	62	9
\$4,000 to \$4,999	1 098	1 004	94	-	1 247	330	275	201	193	165	83	-
\$5,000 to \$5,999	1 072	984	88	-	1 277	493	261	152	176	129	66	-
\$6,000 to \$6,999	1 301	1 194	103	4	1 065	349	263	104	118	156	70	5
\$7,000 to \$9,999	4 281	3 998	283	-	2 230	820	589	233	226	280	82	-
\$10,000 to \$14,999	4 437	4 275	162	-	1 610	729	369	165	71	199	77	-
\$15,000 to \$24,999	2 145	2 051	89	5	349	151	58	20	35	44	41	-
\$25,000 or more	760	724	36	-	57	31	11	-	5	5	5	-
Median	\$8 300	\$8 600	\$4 700	...	\$5 300	\$6 400	\$4 900	\$4 000	\$4 300	\$6 000	\$4 900	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 576	1 503	73	-	5 123	1 381	1 238	761	686	718	321	18
1968	867	799	68	-	1 875	624	382	227	251	282	109	-
1967	1 067	1 015	52	-	1 084	363	273	136	113	135	64	-
1965 and 1966	1 843	1 731	112	-	1 505	498	418	182	235	93	79	-
1960 to 1964	3 362	3 106	237	19	1 381	513	398	155	154	94	57	10
1950 to 1959	5 118	4 746	372	-	910	310	298	130	111	22	39	-
1949 or earlier	5 631	4 915	716	-	586	269	157	101	36	23	-	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	12 444	3 879	3 173	1 763	1 545	1 357	700	27
Less than \$50	...	...	...	...	953	165	231	188	200	82	66	21
\$50 to \$59	...	...	...	...	824	140	216	242	114	66	46	-
\$60 to \$69	...	...	...	...	1 016	244	372	166	173	34	27	-
\$70 to \$79	...	...	...	...	1 520	324	470	357	277	61	31	-
\$80 to \$99	...	...	...	...	3 038	842	855	502	472	180	187	-
\$100 to \$119	...	...	...	...	2 012	840	472	170	169	280	75	6
\$120 to \$149	...	...	...	...	1 809	627	330	67	93	544	148	-
\$150 to \$199	...	...	...	...	702	347	94	51	22	84	104	-
\$200 to \$299	...	...	...	...	112	68	9	20	6	-	9	-
\$300 or more	...	...	...	...	10	10	-	-	-	-	-	-
No cash rent	...	...	...	...	448	272	124	-	19	26	7	-
Median	...	...	...	...	\$90	\$102	\$85	\$78	\$80	\$117	\$99	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water	5 062	4 232	830	-	4 762	602	1 515	1 116	915	327	271	16
Warm-air furnace	10 203	9 676	513	14	3 260	1 465	851	320	365	185	68	6
Built-in electric units	638	598	40	-	1 587	110	136	35	143	811	347	5
Floor, wall, or pipeless furnace	1 955	1 871	84	-	845	653	146	31	25	-	10	-
Other means	1 606	1 468	118	-	1 985	1 064	525	261	97	34	4	-
None	-	-	-	-	5	5	-	-	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	5 983	5 561	416	6	2 159	599	461	291	302	356	150	-
Central system	876	833	43	-	991	70	37	124	47	546	167	-
None	12 605	11 421	1 171	13	9 314	3 289	2 666	1 277	1 237	465	352	28
<b>AUTOMOBILES AVAILABLE</b>												
1	9 804	9 033	759	12	6 105	1 957	1 600	716	628	830	374	-
2	5 655	5 374	281	-	1 534	658	307	124	153	199	93	-
3 or more	892	849	43	-	136	79	6	20	12	19	-	-
None	3 113	2 559	547	7	4 689	1 264	1 251	832	793	319	202	28

<sup>1</sup>Excludes 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]

Roanoke	Total	Two-or-more-person households									One-person households	
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
<b>Owner occupied housing units</b>	19 464	315	1 733	2 584	5 936	3 013	525	203	1 402	890	1 174	1 689
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	19 218	315	1 728	2 575	5 883	2 957	525	198	1 398	880	1 140	1 619
0.50 or less	12 263	170	418	621	3 605	2 603	299	168	933	699	1 133	1 614
0.51 to 1.00	6 354	135	1 200	1 784	2 077	343	209	30	406	158	7	5
1.01 to 1.50	539	10	97	166	166	5	17	—	55	23	—	—
1.51 or more	62	—	13	4	35	—	—	—	4	—	—	—
Lacking some or all plumbing facilities	246	—	5	9	53	56	—	5	4	10	34	70
0.50 or less	164	—	—	—	—	46	—	—	4	10	34	70
0.51 to 1.00	74	—	5	9	45	10	—	5	—	—	—	—
1.01 to 1.50	8	—	—	—	8	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>												
1	17 865	310	1 661	2 536	5 680	2 706	488	193	1 271	773	951	1 296
2 or more	1 585	5	72	43	252	307	37	10	131	117	223	388
Mobile home or trailer	14	—	—	5	4	—	—	—	—	—	—	5
<b>INCOME IN 1969</b>												
Less than \$2,000	2 136	18	10	15	125	227	43	27	166	227	261	1 017
\$2,000 to \$2,999	1 082	5	5	21	98	348	10	19	85	90	153	248
\$3,000 to \$3,999	1 152	5	18	15	128	477	13	33	149	45	130	139
\$4,000 to \$4,999	1 098	5	53	21	193	358	23	22	151	59	156	57
\$5,000 to \$5,999	1 072	8	68	77	246	278	56	8	155	67	79	30
\$6,000 to \$6,999	1 301	20	123	128	361	272	47	10	136	51	97	56
\$7,000 to \$9,999	4 281	116	634	749	1 430	483	133	34	269	162	190	81
\$10,000 to \$14,999	4 437	114	637	1 009	1 803	277	123	24	227	121	75	27
\$15,000 to \$24,999	2 145	24	148	412	1 130	216	47	10	52	58	14	34
\$25,000 or more	760	—	37	137	422	77	30	16	12	10	19	—
Median	\$8 300	\$9 500	\$9 800	\$11 300	\$11 100	\$5 300	\$8 600	\$5 100	\$6 000	\$5 400	\$4 300	\$2000-
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	17 708	306	1 661	2 525	5 612	2 673	488	188	1 265	763	947	1 280
Less than 1.5	7 815	161	809	1 471	3 402	710	267	71	447	262	142	73
1.5 to 1.9	3 521	71	518	637	1 188	439	81	40	222	93	193	39
2.0 to 2.4	1 659	40	184	207	453	339	51	16	135	74	101	59
2.5 to 2.9	978	5	76	107	153	263	27	5	135	40	103	64
3.0 to 3.9	1 053	—	59	59	160	316	22	15	106	54	108	154
4.0 or more	2 533	29	15	44	230	602	28	41	201	236	262	845
Not computed	149	—	—	—	26	4	12	—	19	4	38	46
<b>Renter occupied housing units</b>	12 464	1 309	1 888	877	1 522	606	423	83	1 915	322	2 299	1 220
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	11 948	1 288	1 862	867	1 502	561	404	83	1 879	312	2 092	1 098
0.50 or less	6 073	404	399	119	666	370	165	44	677	179	1 991	1 059
0.51 to 1.00	4 888	800	1 205	537	715	177	205	30	959	120	101	39
1.01 to 1.50	813	74	185	193	109	14	29	9	187	13	—	—
1.51 or more	174	10	73	18	12	—	5	—	56	—	—	—
Lacking some or all plumbing facilities	516	21	26	10	20	45	19	—	36	10	207	122
0.50 or less	274	—	5	—	—	15	—	—	5	6	129	114
0.51 to 1.00	223	21	14	10	20	23	14	—	31	4	78	8
1.01 to 1.50	7	—	—	—	—	7	—	—	—	—	—	—
1.51 or more	12	—	7	—	—	—	5	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>												
1	3 899	290	757	498	805	232	139	48	534	79	336	181
2 to 4	4 936	586	668	263	555	253	142	17	755	159	889	649
5 to 19	2 902	357	408	88	121	110	118	12	500	49	839	300
20 or more	700	76	50	28	41	11	24	6	120	35	219	90
Mobile home or trailer	27	—	5	—	—	—	—	—	6	—	16	—
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	12 444	1 309	1 888	877	1 522	601	423	83	1 910	322	2 299	1 210
Less than \$50	953	—	39	27	69	83	19	10	157	26	281	242
\$50 to \$59	824	36	39	22	56	40	26	13	192	37	169	194
\$60 to \$69	1 016	75	107	48	136	64	46	11	157	30	244	98
\$70 to \$79	1 520	131	180	103	179	74	52	9	199	35	337	221
\$80 to \$99	3 038	377	419	218	356	146	112	16	548	109	525	212
\$100 to \$119	2 012	259	358	198	265	96	63	12	283	46	329	103
\$120 to \$149	1 809	326	467	125	226	63	63	9	227	9	257	54
\$150 to \$199	702	55	203	81	115	24	32	6	116	5	60	5
\$200 to \$299	112	5	23	10	24	—	4	—	9	—	28	9
\$300 or more	10	—	—	—	10	—	—	—	—	—	—	—
No cash rent	448	45	53	45	86	25	6	—	22	25	69	72
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	12 444	1 309	1 888	877	1 522	601	423	83	1 910	322	2 299	1 210
Less than \$5,000	5 861	401	272	125	386	377	192	37	1 347	200	1 418	1 106
Less than 20 percent	667	29	33	41	71	43	24	7	151	22	210	36
20 to 24 percent	741	56	58	15	43	77	44	—	202	24	168	54
25 to 34 percent	1 359	88	77	47	106	118	30	—	285	47	327	223
35 percent or more	2 669	204	99	13	140	124	90	19	626	78	586	690
Not computed	425	24	5	9	26	15	4	—	83	4	127	103
\$5,000 to \$9,999	4 567	687	1 074	490	619	126	178	21	429	102	753	88
Less than 20 percent	2 996	414	694	347	440	88	124	15	256	60	503	55
20 to 24 percent	842	177	216	72	75	22	31	6	59	28	143	13
25 to 34 percent	511	86	104	35	49	10	17	—	104	5	91	10
35 percent or more	43	—	17	—	5	—	—	—	5	—	11	5
Not computed	175	10	43	36	50	6	—	—	9	—	5	—
\$10,000 to \$14,999	1 610	190	482	211	357	85	37	22	110	14	86	16
Less than 20 percent	1 518	179	458	193	327	85	28	22	110	14	86	16
20 to 24 percent	42	—	19	13	5	—	5	—	—	—	—	—
25 percent or more	14	—	—	—	10	—	4	—	—	—	—	—
Not computed	36	11	5	5	15	—	—	—	—	—	—	—
\$15,000 or more	406	31	60	51	160	13	16	3	24	6	42	—
Less than 20 percent	392	31	60	51	150	9	16	3	24	6	42	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	14	—	—	—	10	4	—	—	—	—	—	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

Roanoke	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b> .....	<b>19 464</b>	<b>2 863</b>	<b>6 897</b>	<b>3 608</b>	<b>3 022</b>	<b>1 623</b>	<b>788</b>	<b>416</b>	<b>247</b>	<b>2.5</b>
<b>BEDROOMS</b>										
None and 1 .....	856	353	442	61	-	-	-	-	-	1.7
2 .....	5 998	1 312	2 605	1 086	703	205	66	21	-	2.1
3 .....	8 440	835	3 047	1 602	1 597	804	387	127	41	2.7
4 or more .....	4 170	363	1 019	709	800	657	342	239	41	3.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	71	5	28	16	10	12	-	-	-	...
1965 to 1968 .....	646	30	169	141	157	75	35	16	23	3.4
1960 to 1964 .....	1 365	111	288	330	286	238	73	39	-	3.4
1950 to 1959 .....	5 456	562	1 877	1 161	1 076	486	213	67	14	2.7
1940 to 1949 .....	3 235	369	1 388	582	498	181	121	71	25	2.4
1939 or earlier .....	8 691	1 786	3 147	1 378	995	631	346	223	185	2.3
<b>UNITS IN STRUCTURE</b>										
1 .....	17 865	2 247	6 284	3 431	2 890	1 587	768	411	247	2.6
2 or more .....	1 585	611	609	177	127	36	20	5	-	1.8
Mobile home or trailer .....	14	5	4	-	5	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	15 300	2 439	5 492	2 814	2 272	1 138	610	295	240	2.4
2 and 2 1/2 .....	3 106	278	1 010	698	549	296	115	103	57	2.9
3 or more .....	679	60	175	92	142	130	42	21	17	3.6
None or also used by another household .....	379	126	141	36	33	36	-	7	-	2.0
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>16 601</b>	<b>...</b>	<b>6 897</b>	<b>3 608</b>	<b>3 022</b>	<b>1 623</b>	<b>788</b>	<b>416</b>	<b>247</b>	<b>2.9</b>
Male head, wife present, no nonrelatives .....	13 581	...	5 379	2 911	2 632	1 414	674	379	192	3.0
Under 25 years .....	315	...	132	95	49	30	4	-	5	2.8
25 to 34 years .....	1 733	...	187	431	593	306	141	50	25	3.9
35 to 44 years .....	2 584	...	260	385	860	527	309	169	74	4.3
45 to 64 years .....	5 936	...	2 456	1 549	994	514	199	136	88	2.8
65 years and over .....	3 013	...	2 344	451	136	37	21	24	-	2.1
Other male head .....	728	...	295	207	104	40	52	22	8	2.8
Under 65 years .....	525	...	180	156	84	23	52	22	8	3.0
65 years and over .....	203	...	115	51	20	17	-	-	-	2.4
Female head .....	2 292	...	1 223	490	286	169	62	15	47	2.4
Under 65 years .....	1 402	...	658	358	181	111	56	11	27	2.6
65 years and over .....	890	...	565	132	105	58	6	4	20	2.3
<b>One-person households</b> .....	<b>2 863</b>	<b>2 863</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>17 708</b>	<b>2 227</b>	<b>6 222</b>	<b>3 412</b>	<b>2 861</b>	<b>1 571</b>	<b>768</b>	<b>406</b>	<b>241</b>	<b>2.6</b>
Less than 1.5 .....	7 815	215	2 258	1 996	1 566	886	423	304	167	3.2
1.5 to 1.9 .....	3 521	232	1 284	612	729	320	203	77	64	2.9
2.0 to 2.4 .....	1 659	160	729	278	258	144	67	13	10	2.4
2.5 to 2.9 .....	978	167	424	164	138	45	40	-	-	2.3
3.0 to 3.9 .....	1 053	262	471	131	76	88	17	8	-	2.1
4.0 or more .....	2 533	1 107	1 029	217	86	82	8	4	-	1.7
Not computed .....	149	84	27	14	8	6	10	-	-	1.4
<b>Renter occupied housing units</b> .....	<b>12 464</b>	<b>3 519</b>	<b>3 696</b>	<b>2 243</b>	<b>1 280</b>	<b>746</b>	<b>447</b>	<b>325</b>	<b>208</b>	<b>2.2</b>
<b>BEDROOMS</b>										
None .....	158	138	20	-	-	-	-	-	-	...
1 .....	4 014	2 112	1 438	356	38	49	21	-	-	1.5
2 .....	5 385	1 147	1 691	1 319	764	234	140	45	45	2.4
3 or more .....	2 907	124	322	717	399	420	412	323	190	4.2
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	259	30	77	39	44	22	12	8	27	3.1
1965 to 1968 .....	1 383	429	483	274	93	40	52	7	5	2.0
1960 to 1964 .....	638	149	240	151	59	34	-	5	-	2.2
1950 to 1959 .....	1 678	279	492	339	249	167	72	49	31	2.7
1940 to 1949 .....	1 432	361	427	329	196	56	41	13	9	2.3
1939 or earlier .....	7 074	2 271	1 977	1 111	639	427	270	243	136	2.1
<b>UNITS IN STRUCTURE</b>										
1 .....	3 899	517	934	758	639	430	256	200	165	3.2
2 .....	3 173	806	1 066	700	306	149	72	56	18	2.2
3 and 4 .....	1 763	732	502	258	97	88	36	36	14	1.8
5 to 9 .....	1 545	604	513	207	104	34	57	15	11	1.8
10 to 19 .....	1 357	535	453	219	95	22	22	11	-	1.8
20 or more .....	700	309	217	101	39	23	4	7	-	1.7
Mobile home or trailer .....	27	16	11	-	-	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	11 358	3 024	3 532	2 121	1 228	662	371	234	186	2.3
2 or more .....	497	75	110	47	59	97	53	40	16	3.8
None or also used by another household .....	609	377	140	43	18	6	-	23	-	1.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>8 945</b>	<b>...</b>	<b>3 696</b>	<b>2 243</b>	<b>1 280</b>	<b>746</b>	<b>447</b>	<b>325</b>	<b>208</b>	<b>2.8</b>
Male head, wife present, no nonrelatives .....	6 202	...	2 450	1 569	962	541	304	225	151	2.9
Under 25 years .....	1 309	...	641	394	197	64	9	4	-	2.5
25 to 34 years .....	1 888	...	494	628	359	189	122	61	35	3.2
35 to 44 years .....	877	...	156	168	135	156	109	90	63	4.3
45 to 64 years .....	1 522	...	710	299	219	121	60	60	53	2.7
65 years and over .....	606	...	449	80	52	11	4	10	-	2.2
Other male head .....	506	...	295	94	57	26	25	25	-	2.4
Under 65 years .....	423	...	241	74	57	-	-	-	9	2.4
65 years and over .....	83	...	54	20	-	-	-	-	-	2.8
Female head .....	2 237	...	951	580	261	179	118	100	48	2.9
Under 65 years .....	1 915	...	752	508	242	171	104	90	48	2.9
65 years and over .....	322	...	199	72	19	8	14	10	-	2.3
<b>One-person households</b> .....	<b>3 519</b>	<b>3 519</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>12 444</b>	<b>3 509</b>	<b>3 691</b>	<b>2 243</b>	<b>1 273</b>	<b>746</b>	<b>447</b>	<b>325</b>	<b>208</b>	<b>2.2</b>
Less than 10 percent .....	888	118	264	208	106	73	34	43	42	2.8
10 to 14 percent .....	2 445	409	877	518	290	175	87	56	43	2.4
15 to 19 percent .....	2 240	421	631	494	311	155	128	49	51	2.6
20 to 24 percent .....	1 625	378	460	293	176	138	102	63	15	2.4
25 to 34 percent .....	1 884	651	548	321	167	94	47	35	21	2.0
35 percent or more .....	2 712	1 292	710	309	193	88	22	68	30	1.6
Not computed .....	650	240	201	100	42	23	27	11	6	1.9

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

Roanoke					Roanoke				
	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
<b>Vacant for sale</b> .....	<b>293</b>	<b>162</b>	<b>81</b>	<b>50</b>	<b>Vacant for rent</b> .....	<b>819</b>	<b>566</b>	<b>182</b>	<b>71</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	21	13	4	4	1 room .....	42	36	-	6
4 rooms .....	39	22	12	5	2 rooms .....	77	55	12	10
5 rooms .....	73	31	38	4	3 rooms .....	164	122	34	8
6 rooms .....	81	62	8	11	4 rooms .....	299	193	84	22
7 rooms or more .....	79	34	19	26	5 rooms .....	109	76	23	10
					6 rooms .....	68	56	12	-
					7 rooms or more .....	60	28	17	15
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	277	159	73	45	With all plumbing facilities .....	758	521	166	71
Lacking some or all plumbing facilities .....	16	3	8	5	Lacking some or all plumbing facilities .....	61	45	16	-
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	-	-	-	-	None .....	33	33	-	-
2 .....	66	17	49	-	1 .....	274	226	32	16
3 .....	67	51	-	16	2 .....	358	256	85	17
4 or more .....	101	50	34	17	3 or more .....	139	70	52	17
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	45	14	31	-	1969 to March 1970 .....	64	54	10	-
1960 to 1968 .....	10	10	-	-	1960 to 1968 .....	87	79	8	-
1950 to 1959 .....	37	21	8	8	1950 to 1959 .....	61	41	16	4
1949 or earlier .....	201	117	42	42	1949 or earlier .....	607	392	148	67
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	269	146	73	50	1 .....	169	113	43	13
2 or more .....	24	16	8	-	2 to 4 .....	322	180	96	46
					5 to 9 .....	162	136	26	-
					10 to 19 .....	107	83	12	12
					20 or more .....	59	54	5	-
<b>HEATING EQUIPMENT</b>					<b>RENT ASKED</b>				
Steam or hot water .....	66	42	12	12	<b>Specified vacant for rent<sup>2</sup></b> .....	<b>815</b>	<b>566</b>	<b>178</b>	<b>71</b>
Warm-air furnace .....	80	59	10	11	Less than \$50 .....	162	90	44	28
Built-in electric units .....	59	28	31	-	\$50 to \$59 .....	170	102	60	8
Floor, wall, or pipeless furnace .....	44	16	9	19	\$60 to \$79 .....	230	174	33	23
Other means .....	41	14	19	8	\$80 to \$99 .....	91	72	19	-
None .....	3	3	-	-	\$100 to \$119 .....	54	48	6	-
					\$120 to \$149 .....	83	63	8	12
					\$150 to \$199 .....	13	10	3	-
					\$200 or more .....	12	7	5	-
					Median rent asked .....	\$67	\$70	\$58	...
<b>SALES PRICE ASKED</b>									
<b>Specified vacant for sale<sup>1</sup></b> .....	<b>263</b>	<b>144</b>	<b>73</b>	<b>46</b>					
Less than \$5,000 .....	34	16	7	11	Less than \$50 .....	162	90	44	28
\$5,000 to \$9,999 .....	101	58	20	23	\$50 to \$59 .....	170	102	60	8
\$10,000 to \$14,999 .....	95	52	39	4	\$60 to \$79 .....	230	174	33	23
\$15,000 to \$19,999 .....	14	14	-	-	\$80 to \$99 .....	91	72	19	-
\$20,000 to \$24,999 .....	15	4	7	4	\$100 to \$119 .....	54	48	6	-
\$25,000 to \$34,999 .....	4	-	-	4	\$120 to \$149 .....	83	63	8	12
\$35,000 to \$49,999 .....	-	-	-	-	\$150 to \$199 .....	13	10	3	-
\$50,000 or more .....	-	-	-	-	\$200 or more .....	12	7	5	-
Median price asked .....	\$9 900	\$9 900	...	...	Median rent asked .....	\$67	\$70	\$58	...

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

Roanoke	Sales price asked - Vacant for sale <sup>1</sup>							Rent asked - Vacant for rent <sup>2</sup>						
	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
<b>Total</b> .....	<b>263</b>	<b>135</b>	<b>95</b>	<b>14</b>	<b>15</b>	<b>4</b>	-	<b>815</b>	<b>332</b>	<b>230</b>	<b>91</b>	<b>137</b>	<b>13</b>	<b>12</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	217	68	84	17	31	17	-	753	310	119	155	118	51	-
Lacking some or all plumbing facilities .....	-	-	-	-	-	-	-	51	17	34	-	-	-	-
<b>BEDROOMS</b>														
None and 1 .....	-	-	-	-	-	-	-	307	138	52	68	49	-	-
2 .....	49	17	17	-	15	-	-	358	119	101	52	52	34	-
3 .....	67	17	17	17	16	-	-	87	70	-	-	17	-	-
4 or more .....	101	34	50	-	-	17	-	52	-	-	35	17	-	-
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	45	-	41	4	-	-	-	64	22	8	-	34	-	-
1960 to 1968 .....	10	5	-	5	-	-	-	87	5	8	8	66	-	-
1950 to 1959 .....	30	12	9	9	9	-	-	61	25	20	13	-	3	-
1949 or earlier .....	178	118	45	5	6	4	-	603	280	194	70	37	10	12
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	165	80	29	22	20	9	5
2 to 4 .....	...	...	...	...	...	...	...	322	172	89	27	27	4	3
5 to 19 .....	...	...	...	...	...	...	...	269	68	96	27	74	-	4
20 or more .....	...	...	...	...	...	...	...	59	12	16	15	16	-	-
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	299	109	116	31	33	10	-
Some or no utilities included .....	...	...	...	...	...	...	...	516	223	114	60	104	3	12

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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

<b>GENERAL</b> .....	App-2
Self-enumeration and census questionnaire .....	App-2
Comparability with 1960 data ..	App-2
<b>LIVING QUARTERS</b> .....	App-3
Housing units .....	App-3
Group quarters .....	App-3
Rules for mobile homes, hotels, rooming houses, etc. ....	App-3
Institutions .....	App-4
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b> .....	App-4
Occupied housing units .....	App-4
Race .....	App-4
Spanish heritage .....	App-4
Tenure .....	App-4
Year moved into unit .....	App-4
Vacant housing units .....	App-4
Vacancy status .....	App-5
Duration of vacancy .....	App-5
<b>UTILIZATION CHARACTERISTICS</b> .....	App-5
Persons .....	App-5
Rooms .....	App-5
Persons per room .....	App-5
Bedrooms .....	App-5
<b>STRUCTURAL AND PLUMBING CHARACTERISTICS</b> .....	App-5
Direct access .....	App-5
Complete kitchen facilities ....	App-5
Year structure built .....	App-6
Units in structure .....	App-6
Elevator in structure .....	App-6
Plumbing facilities .....	App-6
Complete bathrooms .....	App-6
<b>EQUIPMENT, FUELS, AND APPLIANCES</b> .....	App-6
Heating equipment .....	App-6
Air conditioning .....	App-7
Automobiles available .....	App-7
Automatic clothes washing machine .....	App-7
Clothes dryer .....	App-7
Dishwasher .....	App-7
Home food freezer .....	App-7
Owned second home .....	App-7
<b>FINANCIAL CHARACTERISTICS</b> .....	App-7
Value .....	App-7
Sales price asked .....	App-7

Gross rent .....	App-8
Rent asked .....	App-8
Value-income ratio .....	App-8
Gross rent as percentage of income .....	App-8

<b>HOUSEHOLD CHARACTERISTICS</b> .....	App-8
Head of household .....	App-8
Household composition .....	App-8
Nonrelative .....	App-9
Family or primary individual ...	App-9
Income in 1969 .....	App-9

<b>FACSIMILES</b> .....	App-10
Housing Pages in the 1970 Census Questionnaires .....	App-10
Respondent Instructions for the Housing Questions in the 1970 Census .....	App-13

### GENERAL

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

### Comparability with 1960 data.—

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

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

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

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

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

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

#### LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

**OCCUPANCY AND VACANCY CHARACTERISTICS**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

#### STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

## HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<p><b>A. How many living quarters, occupied and vacant, are at this address?</b></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>• <input type="checkbox"/> <input type="checkbox"/></p> <p><i>Answer these questions for your living quarters</i></p> <p><b>H1. Is there a telephone on which people in your living quarters can be called?</b></p> <p> <input type="radio"/> Yes — What is the number? _____  <input type="radio"/> No         </p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></p> <p><b>H2. Do you enter your living quarters—</b></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><b>H3. Do you have complete kitchen facilities?</b>  <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><b>H4. How many rooms do you have in your living quarters?</b>  <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><b>H5. Is there hot and cold piped water in this building?</b></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><b>H6. Do you have a flush toilet?</b></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><b>H7. Do you have a bathtub or shower?</b></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><b>H8. Is there a basement in this building?</b></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><b>H9. Are your living quarters—</b></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><b>H10. Is this building a one-family house?</b></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>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?</b></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><b>H11. If you live in a one-family house which you own or are buying—</b>  <b>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?</b></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; font-size: small; margin-top: 5px;"> <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> </div> <p><b>H12. Answer this question if you pay rent for your living quarters.</b></p> <p><b>a. If rent is paid by the month—</b>  <b>What is the monthly rent?</b></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  <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>b. If rent is not paid by the month—</b>  <b>What is the rent, and what period of time does it cover?</b></p> <p>\$ _____ .00 per _____ (Nearest dollar) (Week, half-month, year, etc.)</p>	<p style="text-align: center; font-size: small;"><b>FOR CENSUS ENUMERATOR'S USE ONLY</b></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th style="width: 50%;">a4. Block number</th> <th style="width: 50%;">a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> </tbody> </table> <p><b>B. Type of unit or quarters</b></p> <p><b>Occupied</b></p> <p> <input type="radio"/> First form  <input type="radio"/> Continuation         </p> <p><b>Vacant</b></p> <p> <input type="radio"/> Regular  <input type="radio"/> Usual residence elsewhere         </p> <p><b>Group quarters</b></p> <p> <input type="radio"/> First form  <input type="radio"/> Continuation         </p> <p style="font-size: x-small;"><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p> <p><b>C. Vacancy status</b>  <b>Year round—</b></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><b>D. Months vacant</b></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><b>C/O</b>    <input type="radio"/>    <input type="radio"/></p>	a4. Block number	a5. Serial number	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
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APPENDIX B—Continued

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

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00  <i>Average monthly cost</i>  <input type="radio"/> No, included in rent  <input type="radio"/> No, electricity not used</p> <p>b. Gas?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00  <i>Average monthly cost</i>  <input type="radio"/> No, included in rent  <input type="radio"/> No, gas not used</p> <p>c. Water? <input checked="" type="checkbox"/>  <input type="radio"/> Yes, yearly cost is → \$ _____ .00  <i>Yearly cost</i>  <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?  <input type="radio"/> Yes, yearly cost is → \$ _____ .00  <i>Yearly cost</i>  <input type="radio"/> No, included in rent  <input type="radio"/> No, these fuels not used</p>	<p><b>H19.</b> 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.)?  <input checked="" type="checkbox"/></p>
<p><b>H14.</b> How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system  <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump  <input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/>  <input type="radio"/> Floor, wall, or pipeless furnace  <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene  <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)  <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind  <input type="radio"/> In some other way—Describe → _____  <input type="radio"/> None, unit has no heating equipment</p>	<p><b>H20.</b> 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><b>H15.</b> 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><b>H21.</b> 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  <input checked="" type="checkbox"/></p>
<p><b>H16.</b> 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><b>H22.</b> 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><b>H17.</b> 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><b>H23.</b> 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><b>H18.</b> 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)

<p><b>H13. Answer question H13 if you pay rent for your living quarters.</b> In addition to the rent entered in H12, do you also pay for—</p> <p><b>a. Electricity?</b>  <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>b. Gas?</b>  <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><b>c. Water?</b> <input checked="" type="checkbox"/>  <input type="radio"/> Yes, yearly cost is → \$ _____ .00  <i>Yearly cost</i>  <input type="radio"/> No, included in rent or no charge</p> <p><b>d. Oil, coal, kerosene, wood, etc.?</b>  <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><b>H14. How are your living quarters heated?</b> 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          In some other way—Describe → _____  <input type="radio"/> None, unit has no heating equipment</p> <p><b>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b></p> <p><input type="radio"/> 1969 or 1970    <input type="radio"/> 1950 to 1959  <input type="radio"/> 1965 to 1968    <input checked="" type="radio"/> 1940 to 1949  <input type="radio"/> 1960 to 1964    <input type="radio"/> 1939 or earlier</p> <p><b>H16. Which best describes this building?</b> 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><b>H17. Is this building—</b>  <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><b>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</b></p> <p><input type="radio"/> Less than \$50 (or None)    <input checked="" type="radio"/> \$2,500 to \$4,999  <input type="radio"/> \$50 to \$249    <input type="radio"/> \$5,000 to \$9,999  <input type="radio"/> \$250 to \$2,499    <input type="radio"/> \$10,000 or more</p>	<p><b>H24a. How many stories (floors) are in this building?</b></p> <p><input type="radio"/> 1 to 3 stories  <input type="radio"/> 4 to 6 stories  <input type="radio"/> 7 to 12 stories  <input checked="" type="radio"/> 13 stories or more</p> <p><b>b. If 4 or more stories—</b> Is there a passenger elevator in this building?  <input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>H25a. Which fuel is used most for cooking?</b> <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood.    <input type="radio"/> Coal or coke    <input type="radio"/>          Bottled, tank, or LP .....    <input type="radio"/> Wood .....    <input type="radio"/>          Electricity .....    <input type="radio"/> Other fuel ..    <input type="radio"/>          Fuel oil, kerosene, etc. ....    <input type="radio"/> No fuel used    <input type="radio"/></p> <p><b>b. Which fuel is used most for house heating?</b> <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood.    <input type="radio"/> Coal or coke    <input type="radio"/>          Bottled, tank, or LP .....    <input type="radio"/> Wood .....    <input type="radio"/>          Electricity .....    <input type="radio"/> Other fuel ..    <input type="radio"/>          Fuel oil, kerosene, etc. ....    <input type="radio"/> No fuel used    <input type="radio"/></p> <p><b>c. Which fuel is used most for water heating?</b> <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood.    <input type="radio"/> Coal or coke    <input type="radio"/>          Bottled, tank, or LP .....    <input type="radio"/> Wood .....    <input type="radio"/>          Electricity .....    <input type="radio"/> Other fuel ..    <input type="radio"/>          Fuel oil, kerosene, etc. ....    <input type="radio"/> No fuel used    <input type="radio"/></p> <p><b>H26. How many bedrooms do you have?</b> Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom    <input type="radio"/> 3 bedrooms  <input type="radio"/> 1 bedroom    <input checked="" type="radio"/> 4 bedrooms  <input type="radio"/> 2 bedrooms    <input type="radio"/> 5 bedrooms or more</p> <p><b>H27a. Do you have a clothes washing machine?</b>  <input type="radio"/> Yes, automatic or semi-automatic  <input type="radio"/> Yes, wringer or separate spinner  <input type="radio"/> No</p> <p><b>b. Do you have a clothes dryer?</b>  <input type="radio"/> Yes, electrically heated  <input type="radio"/> Yes, gas heated  <input checked="" type="radio"/> No</p> <p><b>c. Do you have a dishwasher (built-in or portable)?</b>  <input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>d. Do you have a home food freezer which is separate from your refrigerator?</b>  <input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>H28a. Do you have a television set? Count only sets in working order.</b>  <input type="radio"/> Yes, one set  <input type="radio"/> Yes, two or more sets  <input type="radio"/> No</p> <p><b>b. If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</b>  <input type="radio"/> Yes    <input checked="" type="radio"/> No</p> <p><b>H29. Do you have a battery-operated radio?</b> Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.  <input type="radio"/> Yes, one or more    <input type="radio"/> No</p> <p><b>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</b>  <input type="radio"/> Yes    <input type="radio"/> No</p>
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15 and 5 percent

5 percent

## APPENDIX B—Continued

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

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

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

## Appendix C.—ACCURACY OF THE DATA

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

### SOURCES OF ERROR

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

### EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

### SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<b>OCCUPANCY CHARACTERISTICS</b>		<b>EQUIPMENT AND APPLIANCES</b>	
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
<b>VACANCY CHARACTERISTICS</b>		<b>FINANCIAL CHARACTERISTICS</b>	
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
<b>UTILIZATION CHARACTERISTICS</b>		<b>HOUSEHOLD CHARACTERISTICS</b>	
Number of rooms . . . . .	20	Household composition . . . . .	20
Size of household (persons) . . . . .	20	Income . . . . .	20
Persons per room . . . . .	20		
Bedrooms . . . . .	5		
<b>PLUMBING CHARACTERISTICS</b>			
Plumbing facilities . . . . .	20		
Complete bathrooms . . . . .	15		
<b>STRUCTURAL CHARACTERISTICS</b>			
Complete kitchen			
facilities . . . . .	20		
Access . . . . .	20		
Units in structure . . . . .	20		
Mobile home or trailer . . . . .	20		
Year structure built . . . . .	20		
Elevator in structure . . . . .	5		

**RATIO ESTIMATION**

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

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

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

Group

**Occupied housing units:**

**STAGE I**

*Male Head With Own Children Under 18*

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

.  
.

- 6 6-or-more-person household

*Male Head Without Own Children Under 18*

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

*Female Head*

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

**STAGE II**

*Owner Occupied*

- 19 Negro
- 20 Not Negro

*Renter Occupied*

- 21 Negro
- 22 Not Negro

**Vacant housing units:**

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

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

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

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

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

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

**SAMPLING VARIABILITY**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Estimated number <sup>1</sup>	Number of housing units in area <sup>2</sup>						
	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

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

<sup>2</sup> 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 <sup>1</sup>	Factor if sample rate is—			Characteristic <sup>1</sup>	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>				<b>EQUIPMENT, FUELS, AND APPLIANCES</b>			
Year moved into unit .....	...	1.1	...	Heating equipment .....	0.8	0.9	...
Duration of vacancy .....	0.8	...	1.7	Air conditioning .....	...	1.1	...
<b>UTILIZATION CHARACTERISTICS</b>				Automobiles available .....	...	1.0	...
Rooms .....	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons) .....	0.5	0.6	1.2	<b>FINANCIAL CHARACTERISTICS</b>			
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	...
<b>PLUMBING CHARACTERISTICS</b>				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
<b>STRUCTURAL CHARACTERISTICS</b>				Rent asked .....	1.1	...	2.5
Units in structure .....	0.8	0.9	1.7	<b>HOUSEHOLD CHARACTERISTICS</b>			
Year structure built .....	0.9	1.0	...	Household composition .....	0.6	0.7	...
				Income in 1969 .....	1.0	1.2	2.3
				<b>ALL OTHERS</b> .....	1.0	1.2	2.2

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

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

## Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

### Housing Census Reports

#### Volume I.

##### HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

##### ■ Series HC(1)-A.

###### GENERAL HOUSING CHARACTERISTICS

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

##### ■ Series HC(1)-B.

###### DETAILED HOUSING CHARACTERISTICS

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

#### Volume II.

##### METROPOLITAN HOUSING CHARACTERISTICS

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

#### Volume III.

##### BLOCK STATISTICS

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

#### Volume IV.

##### COMPONENTS OF INVENTORY CHANGE

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

#### Volume V.

##### RESIDENTIAL FINANCE

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

#### Volume VI.

##### ESTIMATES OF "SUBSTANDARD" HOUSING

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

#### Volume VII.

##### SUBJECT REPORTS

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

### Population Census Reports

#### Volume I.

##### CHARACTERISTICS OF THE POPULATION

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

##### ■ Series PC(1)-A.

###### NUMBER OF INHABITANTS.

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

##### ■ Series PC(1)-B.

###### GENERAL POPULATION CHARACTERISTICS

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

##### ■ Series PC(1)-C.

###### GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

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

■ Series PC(1)-D.

**DETAILED CHARACTERISTICS**

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

**Volume II.**

**SUBJECT REPORTS**

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

**Joint Population-Housing Reports**

Series PHC(1).

**CENSUS TRACT REPORTS**

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

Series PHC(2).

**GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970**

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

Series PHC(3).

**EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS**

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

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

**Additional Reports**

Series PHC(E).

**EVALUATION REPORTS**

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

Series PHC(R).

**PROCEDURAL REPORTS**

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

**Computer Summary Tapes**

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

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

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

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

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

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

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

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

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

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

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Table

---

1, 11, 19	VALUE
-----------	-------

---

2, 12, 20	GROSS RENT
-----------	------------

---

3, 13, 21	INCOME IN 1969
-----------	----------------

---

4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
-----------	--

---

5, 15, 23	ROOMS
-----------	-------

---

6, 16, 24	UNITS IN STRUCTURE
-----------	--------------------

---

7, 17, 25	HOUSEHOLD COMPOSITION
-----------	-----------------------

---

8, 18, 26	PERSONS
-----------	---------

---

9	DURATION OF VACANCY
---	---------------------

---

10	SALES PRICE ASKED AND RENT ASKED
----	-------------------------------------

---

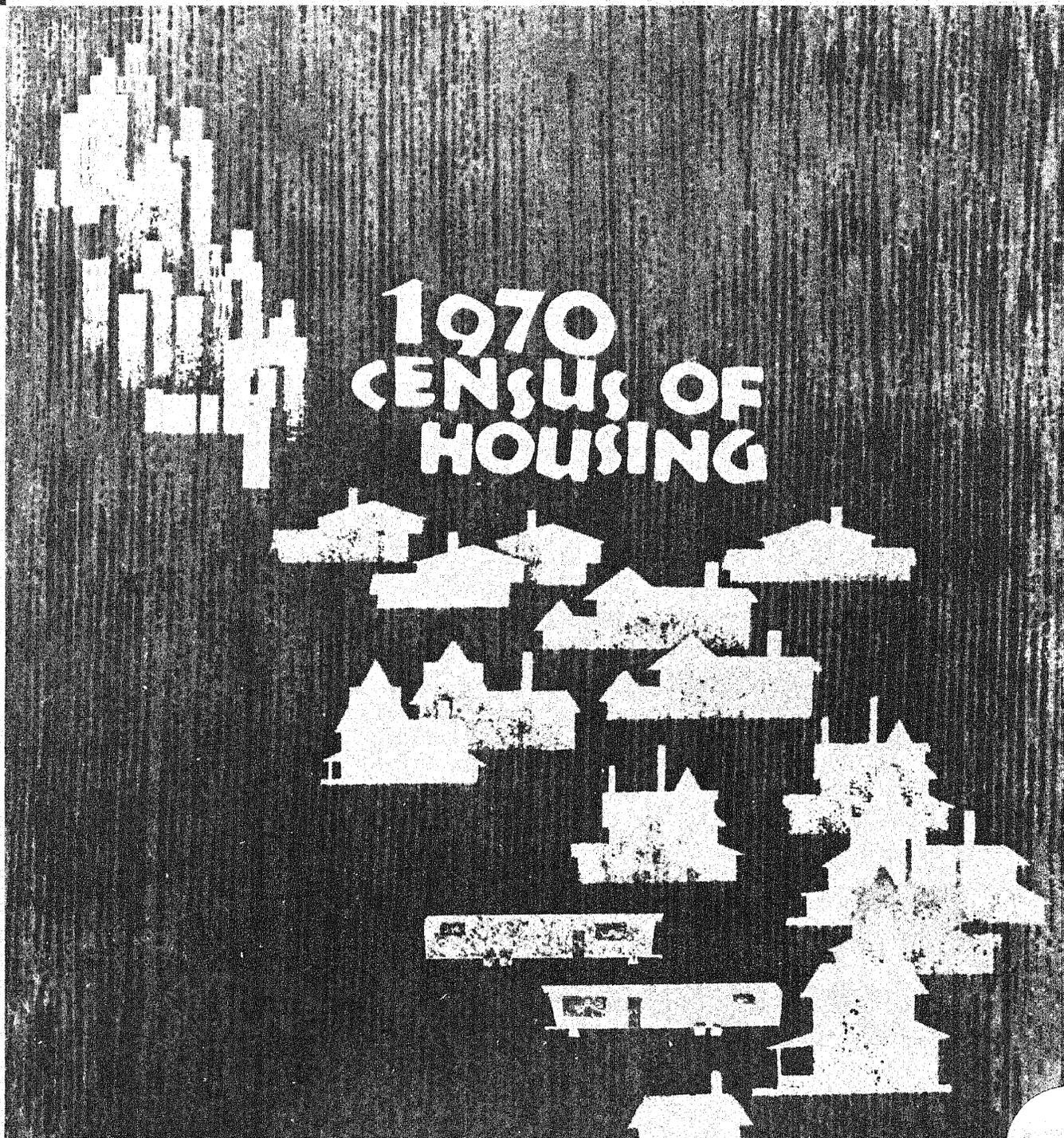
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PUBLICATION



# Metropolitan Housing Characteristics

ROCHESTER, MINN.  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-181



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

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### HOUSING DIVISION

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

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

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

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

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

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

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

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

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

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

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

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

### SUGGESTED CITATION

U.S. Bureau of the Census  
Census of Housing: 1970  
METROPOLITAN HOUSING  
CHARACTERISTICS  
Final Report HC(2)-181  
Rochester, Minn. SMSA  
U.S. Government Printing Office  
Washington, D.C. 1972

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**1970  
CENSUS OF  
HOUSING**

Metropolitan  
Housing  
Characteristics

**ROCHESTER, MINN.  
STANDARD METROPOLITAN  
STATISTICAL AREA**

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For list of contents see page VIII

---

**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

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# LIST OF HC(2) REPORTS

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

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

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

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

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>										
Year moved into unit .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy .....	—	—	—	9 <sup>1</sup>	9	9	—	—	—	9
<b>UTILIZATION CHARACTERISTICS</b>										
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†	—	—
<b>PLUMBING CHARACTERISTICS</b>										
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†	—	—
<b>STRUCTURAL CHARACTERISTICS</b>										
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*	—	—	—	—	—	—	—	—
<b>EQUIPMENT AND APPLIANCES</b>										
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*	—	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>										
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 <sup>1</sup>	—	—	—	—	9	—
Rent asked .....	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
Inclusion of utilities in rent .....	—	—	—	—	—	—	—	—	—	10
<b>HOUSEHOLD CHARACTERISTICS</b>										
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†	—	—

<sup>1</sup> Vacant units tabulated by plumbing facilities only.

# INTRODUCTION

# APPENDIXES

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

GENERAL .....	V
Organization of the text .....	V
Content of the tables .....	V
Sample size .....	V
Derived figures (medians, etc.) .....	VI
Symbols .....	VI
Boundaries .....	VI
DATA COLLECTION PROCEDURES .....	VI
PROCESSING PROCEDURES .....	VII

## GENERAL

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### DATA COLLECTION PROCEDURES

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

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

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

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

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

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

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

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

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

#### PROCESSING PROCEDURES

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

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

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

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

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**CONTENTS**

METROPOLITAN HOUSING CHARACTERISTICS

**Rochester, Minn.**

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 181.]

page

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MAP	Counties, Standard Metropolitan Statistical Areas, and Selected Places	XI
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**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	—	—
Rochester .....	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
- Central cities of SMSA's with fewer than 50,000 inhabitants
- Places of 25,000 to 50,000 inhabitants outside SMSA's

 Standard Metropolitan Statistical Areas (SMSA's)

SCALE  
0 10 20 30 40 50 MILES

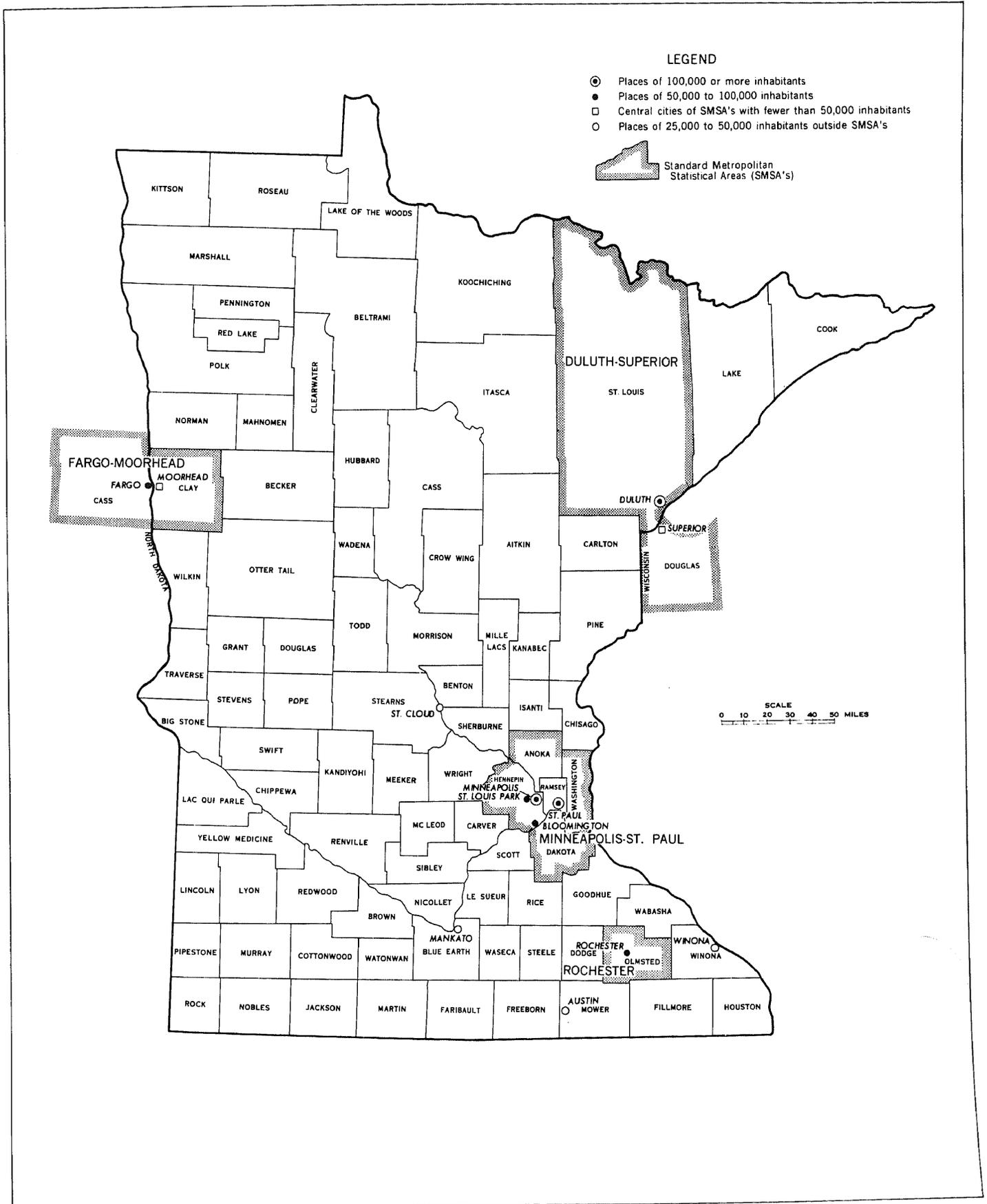


Table A-1. Value of Owner Occupied Housing Units: 1970

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

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied</b>	<b>13 255</b>	<b>86</b>	<b>211</b>	<b>363</b>	<b>743</b>	<b>1 277</b>	<b>3 710</b>	<b>3 202</b>	<b>2 293</b>	<b>873</b>	<b>497</b>	<b>20 400</b>
<b>ROOMS</b>												
1 and 2 rooms	27	6	5	—	—	11	—	5	—	—	—	—
3 rooms	150	37	5	32	44	21	4	—	7	—	—	10 100
4 rooms	1 207	22	72	148	252	216	379	86	23	4	5	13 800
5 rooms	4 397	4	56	73	216	487	1 775	1 330	424	32	—	19 000
6 rooms	3 124	13	56	50	143	292	969	877	610	109	5	20 200
7 rooms	2 147	—	12	55	59	174	450	488	645	199	65	23 300
8 rooms or more	2 203	4	5	5	29	76	133	416	584	529	422	32 400
Median	5.8	...	4.9	4.5	4.8	5.3	5.3	5.7	6.6	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	1 067	28	53	85	162	168	338	132	71	25	5	15 600
2 persons	3 246	24	80	154	278	479	872	653	463	146	97	18 100
3 persons	2 019	17	25	59	84	150	664	534	334	81	77	20 100
4 persons	2 727	14	20	35	79	242	655	811	559	213	99	22 000
5 persons	2 064	—	11	6	61	111	626	539	427	194	89	22 000
6 persons or more	2 132	3	22	24	79	127	555	533	439	214	136	22 400
Median	3.6	...	2.2	2.1	2.3	2.5	3.5	3.8	4.0	4.4	4.3	...
Units with roomers, boarders, or lodgers	272	—	6	8	14	36	114	50	23	16	5	18 400
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>												
0.50 or less	5 806	26	117	254	432	697	1 480	1 116	926	873	497	20 400
0.51 to 1.00	6 564	18	61	84	242	532	1 901	1 845	1 289	446	146	19 600
1.01 to 1.50	753	3	20	14	61	36	303	218	78	10	10	21 200
1.51 or more	49	—	3	—	—	17	23	—	—	—	—	19 000
<b>Lacking some or all plumbing facilities</b>												
0.50 or less	83	39	10	11	8	6	9	—	—	—	—	...
0.51 to 1.00	56	17	10	6	8	6	9	—	—	—	—	...
1.01 to 1.50	15	10	—	—	—	—	—	—	—	—	—	...
1.51 or more	6	6	—	—	—	—	—	—	—	—	—	...
6	6	—	—	—	—	—	—	—	—	—	—	...
<b>BEDROOMS</b>												
None and 1	304	71	61	25	107	40	—	—	—	—	—	—
2	2 733	107	63	168	226	772	853	376	87	81	—	15 200
3	6 899	—	66	80	266	506	2 133	2 206	1 362	191	89	20 900
4 or more	3 619	18	65	40	81	309	569	581	985	568	403	26 500
<b>YEAR STRUCTURE BUILT</b>												
<b>1969 to March 1970</b>												
1969	390	—	—	—	—	5	6	97	145	96	41	31 000
1965 to 1968	1 471	5	5	—	10	6	121	312	641	239	127	29 200
1960 to 1964	2 395	—	—	5	9	61	557	924	555	215	69	23 100
1950 to 1959	4 067	17	14	30	151	298	1 396	1 212	666	170	113	20 500
1940 to 1949	1 563	20	9	60	124	178	644	314	102	50	62	18 200
1939 or earlier	3 369	44	183	263	449	729	986	343	184	103	85	15 100
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	9 887	5	187	323	744	1 094	3 475	2 522	1 296	219	22	18 800
2 and 2 1/2	2 753	—	—	24	5	65	270	681	926	492	290	28 600
3 or more	442	—	—	—	—	—	—	24	39	185	194	47 800
None or also used by another household	119	53	12	26	15	7	6	—	—	—	—	...
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>												
12 188	58	158	278	581	1 109	3 372	3 070	2 222	848	492	20 900	
<b>Male head, wife present, no nonrelatives</b>												
11 149	45	125	233	517	948	3 031	2 869	2 107	814	460	21 200	
<b>Under 25 years</b>												
270	—	—	—	6	54	101	68	32	9	—	—	18 600
<b>25 to 34 years</b>												
3 095	10	15	13	62	229	923	946	670	183	44	21 600	
<b>35 to 44 years</b>												
3 010	15	21	26	73	143	656	818	757	316	185	23 500	
<b>45 to 64 years</b>												
3 639	14	76	111	240	327	968	851	566	274	212	20 500	
<b>65 years and over</b>												
1 135	6	13	83	136	195	383	186	82	32	19	16 300	
<b>Other male head</b>												
317	5	6	19	10	34	73	79	45	19	27	20 700	
<b>Under 65 years</b>												
225	—	—	—	5	24	58	67	40	19	12	21 900	
<b>65 years and over</b>												
92	5	6	19	5	10	15	12	5	—	—	—	...
<b>Female head</b>												
722	8	27	26	54	127	268	122	70	15	5	17 200	
<b>Under 65 years</b>												
469	4	6	21	27	65	187	79	60	15	5	18 100	
<b>65 years and over</b>												
253	4	21	5	27	62	81	43	10	—	—	—	15 400
<b>One-person households</b>												
1 067	28	53	85	162	168	338	132	71	25	5	15 600	
<b>Under 65 years</b>												
434	14	15	29	24	61	172	69	35	15	—	—	17 100
<b>65 years and over</b>												
633	14	38	56	138	107	166	63	36	10	5	14 100	
<b>INCOME IN 1969</b>												
Less than \$2,000	686	30	62	76	124	71	179	82	51	11	—	14 300
\$2,000 to \$2,999	479	23	15	36	63	103	112	64	42	16	5	15 000
\$3,000 to \$3,999	468	—	15	59	53	62	212	46	21	—	—	15 700
\$4,000 to \$4,999	414	—	20	31	82	80	128	54	19	—	—	14 800
\$5,000 to \$5,999	336	6	5	20	26	61	105	74	34	—	—	17 300
\$6,000 to \$6,999	498	9	15	16	48	102	176	87	35	4	6	16 200
\$7,000 to \$9,999	2 188	15	38	46	140	350	841	535	182	20	21	18 100
\$10,000 to \$14,999	4 460	3	31	69	163	307	1 481	1 385	843	153	25	20 600
\$15,000 to \$24,999	2 783	—	10	10	44	136	451	827	835	362	108	24 500
\$25,000 or more	943	—	—	—	—	5	25	48	231	307	327	42 900
Median	\$11 700	...	\$4 700	\$4 300	\$6 500	\$8 400	\$10 300	\$12 400	\$14 500	\$21 400	\$32 200	...
<b>YEAR MOVED INTO UNIT</b>												
<b>1969 to March 1970</b>												
1 651	—	24	12	26	113	389	421	444	148	74	23 100	
1968	1 458	—	27	12	35	61	378	343	156	66	23 100	
1967	1 059	15	26	—	37	57	286	264	229	94	51	22 100
1965 and 1966	1 578	6	12	35	39	115	363	438	365	118	87	22 500
1960 to 1964	2 649	6	29	57	86	162	829	757	454	207	62	21 000
1950 to 1959	3 146	24	30	102	229	392	1 032	786	305	134	112	18 800
1949 or earlier	1 660	7	51	155	312	266	474	218	84	39	54	15 400
<b>HEATING EQUIPMENT</b>												
<b>Steam or hot water</b>												
1 235	—	5	21	42	78	182	287	310	202	108	25 100	
<b>Warm-air furnace</b>												
11 619	18	116	284	604	1 183	3 504	2 902	1 957	662	389	20 200	
<b>Build-in electric units</b>												
55	5	—	—	—	—	14	8	19	9	—	—	...
<b>Floor, wall, or pipeless furnace</b>												
92	14	22	27	17	5	—	—	7	—	—	—	...
<b>Other means</b>												
254	49	68	31	80	11	10	5	—	—	—	—	8 300
<b>None</b>												
—	—	—	—	—	—	—	—	—	—	—	—	...
<b>AIR CONDITIONING</b>												
<b>Room unit(s)</b>												
3 520	—	28	71	193	293	1 112	1 032	551	152	88	20 300	
<b>Central system</b>												
1 523	—	10	16	16	30	144	353	429	288	253	29 900	
None	8 158	58	171	292	555	843	2 495	1 842	1 281	456	165	19 300

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

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

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

The SMSA		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)	
<b>Specified renter occupied<sup>1</sup></b>		<b>7 208</b>	<b>267</b>	<b>206</b>	<b>330</b>	<b>360</b>	<b>911</b>	<b>808</b>	<b>1 592</b>	<b>2 020</b>	<b>365</b>	<b>105</b>	<b>244</b>	<b>131</b>
<b>ROOMS</b>														
1 room	456	168	76	47	25	57	10	31	16	26	-	-	58	
2 rooms	998	39	54	115	97	176	125	122	206	32	10	22	101	
3 rooms	2 232	23	45	128	127	411	344	589	479	25	26	35	121	
4 rooms	2 013	6	17	19	66	209	166	547	853	60	30	40	148	
5 rooms	876	26	9	9	29	21	67	200	304	126	21	64	157	
6 rooms	332	5	5	12	11	27	41	45	96	44	14	32	152	
7 rooms	135	-	-	-	5	10	20	26	22	34	-	18	147	
8 rooms or more	166	-	-	-	-	-	35	32	44	18	4	33	150	
Median	3.4	1.3	2.0	2.5	3.0	3.0	3.3	3.6	3.9	4.8	4.1	4.9	...	
<b>PERSONS</b>														
1 person	2 553	223	159	259	186	456	248	471	363	80	31	77	98	
2 persons	2 134	35	33	39	97	274	304	494	688	74	53	43	136	
3 persons	1 203	5	4	18	56	96	117	309	524	32	-	42	148	
4 persons	741	-	5	9	11	62	85	190	257	71	17	34	149	
5 persons	336	-	5	-	5	18	31	75	101	69	-	32	159	
6 persons or more	241	4	-	5	5	5	23	53	87	39	4	16	160	
Median	2.0	1.1	1.1	1.1	1.5	1.5	2.0	2.2	2.4	3.4	1.9	2.5	...	
Units with roomers, boarders, or lodgers	450	-	11	12	14	33	79	96	157	31	-	17	141	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>														
<b>With all plumbing facilities</b>														
0.50 or less	6 649	93	118	224	293	842	792	1 580	2 020	365	100	222	136	
0.51 to 1.00	3 003	50	72	142	171	458	367	682	750	137	65	109	128	
1.01 to 1.50	3 261	37	46	77	101	360	386	765	1 155	197	29	108	142	
1.51 or more	343	-	-	5	17	24	39	118	98	31	6	5	141	
Median	42	6	-	-	-	-	-	15	17	-	-	-	...	
<b>Lacking some or all plumbing facilities</b>														
0.50 or less	559	174	88	106	67	69	16	12	-	-	5	22	61	
0.51 to 1.00	231	28	28	91	38	20	-	6	-	-	5	15	66	
1.01 to 1.50	308	142	60	15	19	49	16	-	-	-	-	7	51	
1.51 or more	5	-	-	-	5	-	-	-	-	-	-	-	...	
Median	15	4	-	-	5	-	-	6	-	-	-	-	...	
<b>BEDROOMS</b>														
None	710	178	77	104	28	110	56	21	94	20	-	22	69	
1	2 932	76	106	293	179	530	335	804	522	41	18	28	115	
2	2 618	41	44	22	108	173	179	537	1 188	174	90	62	157	
3 or more	1 016	-	-	20	-	66	165	136	296	187	21	125	160	
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970	377	-	-	-	-	-	-	41	286	28	-	22	174	
1965 to 1968	1 137	12	-	-	-	11	10	274	623	99	80	28	170	
1960 to 1964	877	-	-	6	13	13	91	228	471	30	5	20	158	
1950 to 1959	815	6	10	12	15	122	125	224	188	82	4	27	134	
1940 to 1949	507	9	17	15	31	102	64	163	80	16	-	10	122	
1939 or earlier	3 495	240	179	297	301	663	518	662	372	110	16	137	100	
<b>ELEVATOR IN STRUCTURE</b>														
4 floors or more	481	28	78	-	-	27	56	25	138	61	68	-	160	
With elevator	329	-	78	-	-	27	28	-	67	61	68	-	...	
Walk-up	152	28	-	-	-	-	28	25	71	-	-	-	...	
1 to 3 floors	6 795	267	149	439	315	852	679	1 473	1 962	361	61	237	132	
<b>COMPLETE BATHROOMS</b>														
1 and 1/2	6 405	71	122	228	270	825	785	1 612	1 953	308	61	170	135	
2 or more	212	-	6	-	-	14	22	-	39	50	38	43	207	
None or also used by another household	601	195	82	77	95	73	23	24	10	-	-	22	62	
<b>INCOME IN 1969</b>														
Less than \$2,000	1 174	66	98	123	128	156	154	217	111	45	15	61	98	
\$2,000 to \$2,999	569	47	25	45	41	134	57	54	103	25	-	38	96	
\$3,000 to \$3,999	621	63	26	45	31	79	75	113	126	27	6	30	114	
\$4,000 to \$4,999	618	22	22	20	42	102	83	161	122	21	5	18	122	
\$5,000 to \$5,999	504	15	-	17	31	80	93	115	132	16	-	5	124	
\$6,000 to \$6,999	461	-	15	34	21	49	40	148	109	20	-	25	132	
\$7,000 to \$9,999	1 279	35	10	25	20	137	132	317	507	45	17	34	145	
\$10,000 to \$14,999	1 426	19	-	21	40	130	140	379	544	109	16	28	148	
\$15,000 to \$24,999	501	-	10	-	6	44	27	84	244	57	24	5	166	
\$25,000 or more	55	-	-	-	-	-	7	4	22	-	22	-	...	
Median	\$6 300	\$3 300	\$2 200	\$2 900	\$3 400	\$4 800	\$5 400	\$6 900	\$8 800	\$8 900	\$13 000	\$3 800	...	
<b>YEAR MOVED INTO UNIT</b>														
1969 to March 1970	4 115	132	55	155	225	515	472	878	1 314	247	48	74	136	
1968	930	8	22	6	7	99	103	277	322	36	11	39	142	
1967	656	23	17	6	42	68	75	190	134	34	33	34	133	
1965 and 1966	495	7	42	48	23	36	43	123	115	26	-	32	128	
1960 to 1964	579	51	50	50	35	99	101	93	68	8	-	24	99	
1950 to 1959	341	45	24	33	27	64	25	61	26	7	7	22	87	
1949 or earlier	102	-	-	7	6	31	11	14	23	-	-	10	...	
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>														
Less than 10 percent	461	79	26	46	46	108	60	53	43	-	-	...	86	
10 to 14 percent	1 134	64	19	34	36	183	151	292	327	15	13	...	128	
15 to 19 percent	1 024	29	18	22	64	85	93	284	351	73	5	...	141	
20 to 24 percent	926	28	33	48	14	130	99	196	302	61	14	...	137	
25 to 34 percent	1 084	23	23	42	42	97	133	265	408	41	10	...	141	
35 percent or more	2 235	39	87	133	149	291	262	482	560	169	63	...	130	
Not computed	344	5	-	5	9	17	10	20	29	5	-	244	126	
<b>AIR CONDITIONING</b>														
Room unit(s)	2 022	28	14	42	56	170	133	489	941	98	7	44	153	
Central system	769	-	9	8	-	16	-	119	392	122	85	18	179	
None	4 427	238	187	255	309	726	697	1 028	669	138	7	173	112	

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA

	Total	Less than \$2,000	\$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)
<b>Owner occupied housing units</b> .....	<b>17 496</b>	<b>1 123</b>	<b>742</b>	<b>799</b>	<b>626</b>	<b>602</b>	<b>766</b>	<b>2 984</b>	<b>5 599</b>	<b>3 147</b>	<b>1 108</b>	<b>11 000</b>
<b>ROOMS</b>												
1 and 2 rooms .....	106	17	4	31	—	10	5	23	16	—	—	5 100
3 rooms .....	511	119	37	55	35	33	27	94	93	11	7	5 300
4 rooms .....	2 246	283	167	174	176	97	166	471	567	130	15	7 400
5 rooms .....	5 262	307	224	245	146	163	251	1 074	1 997	778	77	10 600
6 rooms .....	3 825	173	161	142	149	143	135	709	1 376	687	149	11 100
7 rooms or more .....	5 546	224	149	152	120	155	182	613	1 550	1 541	860	13 800
<b>PERSONS</b>												
1 person .....	1 731	650	228	219	100	80	99	172	121	37	25	2 900
2 persons .....	4 592	285	386	365	312	267	293	708	1 107	640	229	8 600
3 and 4 persons .....	6 146	122	106	149	156	171	233	1 285	2 308	1 210	406	11 800
5 persons .....	2 449	43	5	29	19	42	68	470	1 030	546	197	12 700
6 persons or more .....	2 578	23	17	37	39	42	73	349	1 033	714	251	13 400
Units with roomers, boarders, or lodgers .....	383	43	49	45	29	32	31	35	69	38	12	5 800
<b>BEDROOMS</b>												
Less than 3 .....	4 921	652	460	448	241	199	382	821	1 193	463	62	7 300
3 .....	7 982	255	213	209	143	221	286	1 686	3 097	1 474	398	11 600
4 or more .....	4 616	160	253	139	119	109	158	376	1 419	1 235	648	13 500
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	701	21	16	14	15	4	34	146	280	114	57	11 800
1960 to 1968 .....	4 894	123	40	68	59	89	118	830	1 957	1 206	404	12 900
1950 to 1959 .....	4 599	184	144	138	113	127	199	754	1 662	955	323	11 900
1949 or earlier .....	7 302	795	542	579	439	382	415	1 254	1 700	872	324	8 200
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	2 253	48	32	97	54	25	87	515	948	310	137	11 400
1968 .....	1 841	54	7	18	21	27	63	414	696	423	118	12 300
1960 to 1967 .....	6 537	260	159	166	168	196	206	1 147	2 331	1 423	481	12 100
1959 or earlier .....	6 838	779	492	508	403	376	370	985	1 550	984	391	8 500
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	13 044	465	444	299	224	279	557	2 059	4 818	2 872	1 027	12 300
Clothes dryer .....	12 758	379	429	242	303	312	549	1 997	4 701	2 839	1 007	12 300
Dishwasher .....	4 395	62	61	40	60	80	102	295	1 407	1 480	808	15 600
Home food freezer .....	10 151	472	449	326	297	278	348	1 534	3 656	2 130	661	11 900
Owned second home .....	1 020	62	—	79	—	—	45	133	378	205	118	12 500
With air conditioning .....	5 989	198	193	186	190	128	127	830	1 959	1 480	698	12 900
Room unit(s) .....	4 250	183	146	162	159	94	108	694	1 517	964	223	11 900
Central system .....	1 739	15	47	24	31	34	19	136	442	516	475	17 400
Automobiles available:												
1 .....	8 108	546	419	461	463	384	407	1 859	2 479	852	238	9 200
2 .....	7 025	123	87	135	124	158	248	991	2 690	1 796	673	13 100
3 or more .....	1 274	24	19	12	26	35	19	150	325	454	210	15 600
<b>Renter occupied housing units</b> .....	<b>7 706</b>	<b>1 213</b>	<b>618</b>	<b>659</b>	<b>662</b>	<b>531</b>	<b>536</b>	<b>1 394</b>	<b>1 516</b>	<b>515</b>	<b>62</b>	<b>6 300</b>
<b>ROOMS</b>												
1 room .....	456	139	55	67	62	24	18	54	37	—	—	3 500
2 rooms .....	1 004	311	141	108	108	39	65	102	91	26	4	3 400
3 rooms .....	2 271	464	253	195	223	215	179	277	379	82	4	5 000
4 rooms .....	2 076	191	83	150	129	131	123	528	531	200	10	8 300
5 rooms .....	959	48	40	58	92	77	50	240	213	122	19	8 400
6 rooms or more .....	940	60	46	72	48	45	101	193	265	85	25	8 500
<b>PERSONS</b>												
1 person .....	2 593	764	310	311	266	193	179	321	177	60	12	3 700
2 persons .....	2 225	334	174	204	160	106	124	342	560	207	14	7 100
3 and 4 persons .....	2 086	75	109	117	178	162	171	522	548	176	28	8 300
5 persons .....	416	35	12	5	28	29	42	107	117	37	4	8 600
6 persons or more .....	386	5	13	22	30	41	20	102	114	35	4	8 800
Units with roomers, boarders, or lodgers .....	455	136	57	64	57	30	15	65	22	5	4	3 500
<b>BEDROOMS</b>												
None .....	710	271	105	81	88	28	46	25	66	—	—	2 800
1 .....	2 976	690	379	239	334	185	224	201	605	119	—	4 500
2 .....	2 641	194	144	146	157	139	168	658	673	340	22	8 700
3 or more .....	1 356	170	85	74	126	43	115	309	312	80	42	7 600
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	381	20	25	29	22	8	41	74	109	53	—	8 800
1960 to 1968 .....	2 067	195	95	161	145	131	124	401	553	230	32	8 400
1950 to 1959 .....	831	79	40	47	43	53	66	189	221	77	16	8 400
1949 or earlier .....	4 427	919	458	422	452	339	305	730	633	155	14	4 900
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	4 302	564	372	397	376	316	295	835	837	278	32	6 400
1968 .....	984	70	32	67	88	86	31	273	275	41	21	8 300
1960 to 1967 .....	1 862	339	112	180	173	148	145	291	285	177	12	5 900
1959 or earlier .....	585	180	77	59	12	26	64	71	74	22	—	3 600
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup> .....	7 208	1 174	569	621	618	504	461	1 279	1 426	501	55	6 300
Less than 15 percent .....	1 595	—	4	48	32	15	65	244	716	425	46	12 700
15 to 19 percent .....	1 024	—	14	21	50	59	64	271	493	52	—	10 300
20 to 24 percent .....	926	5	36	53	90	126	71	374	157	5	9	7 700
25 to 34 percent .....	1 084	28	59	121	159	169	203	319	16	10	—	6 000
35 percent or more .....	2 235	980	418	348	269	130	33	37	16	4	—	2 300
Not computed .....	344	161	38	30	18	5	25	34	28	5	—	2 300
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	2 314	260	166	141	125	22	192	419	694	253	42	8 800
Clothes dryer .....	2 084	230	145	113	153	22	127	369	651	253	21	9 000
Dishwasher .....	810	21	—	45	83	46	85	196	249	63	22	8 900
Home food freezer .....	1 022	76	—	40	79	—	81	131	347	132	—	9 300
Owned second home .....	320	71	—	45	—	—	28	37	78	61	—	—
With air conditioning .....	2 830	265	157	202	161	187	204	593	703	310	48	8 200
Room unit(s) .....	2 056	176	96	142	97	154	149	473	543	206	20	8 400
Central system .....	774	89	61	60	64	33	55	120	160	104	28	7 600
Automobiles available:												
1 .....	4 174	325	201	390	406	377	391	949	860	238	37	7 000
2 .....	1 616	58	82	106	77	74	87	370	481	268	13	9 600
3 or more .....	251	21	21	30	10	8	13	57	64	12	15	8 200

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	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
<b>Owner occupied housing units</b> .....	17 496	17 161	7 978	8 132	958	93	335	232	86	11	6
<b>PERSONS</b>											
1 person.....	1 731	1 660	1 645	15	-	-	71	71	-	-	-
2 persons.....	4 592	4 456	4 244	205	-	7	136	120	16	-	-
3 persons.....	2 784	2 718	1 313	1 396	5	4	66	41	19	-	6
4 persons.....	3 362	3 333	547	2 771	10	5	29	-	23	6	-
5 persons.....	2 449	2 438	229	2 123	86	-	11	-	11	-	-
6 persons or more.....	2 578	2 556	-	1 622	857	77	22	-	17	5	-
Median.....	3.4	3.4	2.1	4.4	6.6	...	2.2	1.9	...	...	...
Units with roomers, boarders, or lodgers.....	383	376	188	169	14	5	7	7	-	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970.....	688	688	277	393	18	-	-	-	-	-	-
1965 to 1968.....	2 072	2 072	744	1 260	48	20	-	-	-	-	-
1960 to 1964.....	2 793	2 780	847	1 673	247	13	13	6	7	-	-
1950 to 1959.....	4 613	4 595	1 845	2 337	375	38	18	18	-	-	-
1940 to 1949.....	1 772	1 745	960	658	122	5	27	6	13	8	-
1939 or earlier.....	5 531	5 221	3 325	1 657	213	26	310	212	86	6	6
<b>INCOME IN 1969</b>											
Less than \$2,000.....	1 123	1 042	898	132	12	-	81	76	5	-	-
\$2,000 to \$2,999.....	742	701	633	57	11	-	41	36	5	-	-
\$3,000 to \$3,999.....	799	771	612	136	23	-	28	24	4	-	-
\$4,000 to \$4,999.....	626	605	398	195	12	-	21	21	-	-	-
\$5,000 to \$5,999.....	602	571	375	161	25	10	31	9	16	-	6
\$6,000 to \$6,999.....	766	726	422	272	32	-	40	20	15	5	-
\$7,000 to \$9,999.....	2 984	2 943	1 112	1 659	157	15	41	20	15	6	-
\$10,000 to \$14,999.....	5 599	5 556	1 724	3 286	503	43	43	21	22	-	-
\$15,000 to \$24,999.....	3 147	3 143	1 183	1 792	149	19	4	-	4	-	-
\$25,000 or more.....	1 108	1 103	621	442	34	6	5	5	-	-	-
Median.....	\$11 000	\$11 100	\$8 800	\$12 200	\$12 100	...	\$4 800	\$3 200	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup>	13 255	13 172	5 806	6 564	753	49	83	56	15	6	6
Less than 1:5.....	3 761	3 723	1 413	2 021	276	13	38	16	10	6	6
1.5 to 1:2.....	3 525	3 507	1 172	2 060	244	31	18	13	5	-	-
2.0 to 2:4.....	2 120	2 120	737	1 237	141	5	-	-	-	-	-
2.5 to 2:2.....	1 165	1 161	519	596	46	-	4	4	-	-	-
3.0 to 3:2.....	914	914	557	331	26	-	-	-	-	-	-
4.0 or more.....	1 715	1 692	1 375	297	20	-	23	23	-	-	-
Not computed.....	55	55	33	22	-	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	1 744	1 722	830	798	76	18	22	16	6	-	-
Warm-air furnace.....	14 789	14 672	6 665	7 096	839	72	117	72	40	5	-
Built-in electric units.....	106	100	52	48	-	-	6	6	-	-	-
Floor, wall, or pipeless furnace.....	142	138	72	53	13	-	4	4	-	-	-
Other means.....	709	523	353	137	30	3	186	134	40	6	6
None.....	6	6	6	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b> .....	7 706	7 119	3 135	3 514	422	48	587	242	321	9	15
<b>PERSONS</b>											
1 person.....	2 593	2 158	1 943	215	-	-	435	225	210	-	-
2 persons.....	2 225	2 131	1 022	1 089	-	20	94	17	66	-	11
3 persons.....	1 275	1 255	122	1 082	51	-	20	-	15	5	-
4 persons.....	811	800	41	711	36	12	11	-	11	-	-
5 persons.....	416	397	7	256	129	5	19	-	19	-	-
6 persons or more.....	386	378	-	161	206	11	8	-	-	4	4
Median.....	2.1	2.2	1.3	2.9	5.5	...	1.2	1.0	1.3	...	...
Units with roomers, boarders, or lodgers.....	455	431	69	327	31	4	24	-	24	-	-
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970.....	389	389	160	205	16	8	-	-	-	-	-
1965 to 1968.....	1 102	1 084	540	507	22	15	18	-	18	-	-
1960 to 1964.....	937	937	373	536	28	-	-	-	-	-	-
1950 to 1959.....	824	824	231	467	120	6	-	-	-	-	-
1940 to 1949.....	568	545	251	391	39	-	23	-	23	-	-
1939 or earlier.....	3 913	3 436	1 606	1 569	224	37	477	156	289	13	19
<b>INCOME IN 1969</b>											
Less than \$2,000.....	1 213	968	624	306	34	4	245	127	107	-	11
\$2,000 to \$2,999.....	618	508	269	206	21	12	110	43	63	-	4
\$3,000 to \$3,999.....	659	581	314	246	21	-	78	38	40	-	-
\$4,000 to \$4,999.....	662	619	264	301	50	4	43	11	27	5	-
\$5,000 to \$5,999.....	531	512	225	236	51	-	19	-	19	-	-
\$6,000 to \$6,999.....	1 394	1 354	247	753	40	6	18	12	6	-	-
\$7,000 to \$9,999.....	1 516	1 491	500	753	79	22	40	5	35	-	-
\$10,000 to \$14,999.....	515	506	207	264	35	-	25	6	19	-	-
\$15,000 to \$24,999.....	62	62	30	32	-	-	9	-	5	4	-
\$25,000 or more.....	62	62	30	32	-	-	9	-	5	4	-
Median.....	\$6 300	\$6 700	\$5 400	\$7 900	\$6 900	...	\$2 400	\$2000-	\$2 800	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup>	7 208	6 649	3 003	3 261	343	42	559	231	308	5	15
Less than 10 percent.....	461	1 070	161	198	18	-	84	12	68	-	4
10 to 14 percent.....	1 134	1 090	405	620	55	-	54	16	38	-	-
15 to 19 percent.....	1 024	978	400	507	71	-	46	16	30	-	-
20 to 24 percent.....	926	870	390	453	22	5	56	28	23	5	-
25 to 34 percent.....	1 084	1 040	429	532	56	23	44	16	28	-	-
35 percent or more.....	2 235	2 001	1 075	802	110	14	234	128	95	-	11
Not computed.....	344	303	143	149	11	-	41	15	26	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	2 703	2 503	1 365	1 035	78	25	200	89	105	-	6
Warm-air furnace.....	4 260	3 977	1 508	2 151	295	23	283	107	167	4	5
Built-in electric units.....	102	102	49	53	-	-	-	-	-	-	-
Floor, wall, or pipeless furnace.....	139	139	78	56	5	-	-	-	-	-	-
Other means.....	502	398	135	219	44	-	104	46	49	5	4
None.....	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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
<b>Owner occupied housing units</b>		17 496	32	74	511	2 246	5 262	3 825	2 704	2 842	5.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		17 038	31	79	443	2 085	5 203	3 734	2 565	2 898	5.7
<b>PERSONS</b>											
1 person	1 731	15	48	224	415	534	265	116	114	4.8	
2 persons	4 592	7	16	205	1 102	1 404	904	553	401	5.2	
3 persons	2 784	10	5	60	366	989	606	405	343	5.5	
4 persons	3 362	—	5	16	240	1 132	797	625	547	5.9	
5 persons	2 449	—	—	—	86	734	620	457	552	6.2	
6 persons or more	2 578	—	—	6	37	469	633	548	885	6.8	
Median	3.4	...	...	1.7	2.1	3.2	3.7	3.9	4.5	...	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>With all plumbing facilities</b>		17 161	26	74	476	2 170	5 213	3 736	2 675	2 791	5.7
0.50 or less	7 978	—	48	216	1 450	1 912	1 697	1 060	1 595	5.7	
0.51 to 1.00	8 132	15	16	244	597	2 832	1 771	1 506	1 151	5.7	
1.01 to 1.50	958	—	5	10	115	423	257	103	45	5.7	
1.51 or more	93	11	5	6	8	46	11	6	—	5.3	
<b>Lacking some or all plumbing facilities</b>		335	6	—	35	76	49	89	29	—	
0.50 or less	232	—	—	8	67	26	78	14	51	5.5	
0.51 to 1.00	86	—	—	21	9	23	11	10	39	5.7	
1.01 to 1.50	11	—	—	6	—	—	—	5	12	...	
1.51 or more	6	6	—	—	—	—	—	—	—	...	
<b>BEDROOMS</b>											
None and 1	653	—	65	244	282	20	42	—	—	—	
2	4 268	—	—	238	1 989	1 594	366	81	—	3.6	
3	7 982	—	—	—	171	3 514	2 580	1 166	—	4.5	
4 or more	4 616	—	—	—	—	248	617	1 757	551	5.6	
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	701	—	—	20	214	166	48	110	143	5.2	
1960 to 1968	4 894	—	21	136	477	1 591	915	764	990	5.7	
1950 to 1959	4 599	—	28	100	537	1 835	1 040	533	526	5.4	
1949 or earlier	7 302	32	25	255	1 018	1 670	1 822	1 297	1 183	5.9	
<b>COMPLETE BATHROOMS</b>											
1 and 1 1/2	13 335	31	79	411	2 018	4 676	3 109	1 759	1 252	5.4	
2 or more	3 703	—	—	32	67	527	625	806	1 646	7.2	
None or also used by another household	431	6	—	78	79	63	108	34	63	5.3	
<b>VALUE-INCOME RATIO</b>											
<b>Specified owner occupied<sup>1</sup></b>		13 255	16	11	150	1 207	4 397	3 124	2 147	2 203	5.8
Less than 1.5	3 761	6	—	43	360	1 205	824	698	625	5.8	
1.5 to 1.9	3 525	—	11	12	229	1 277	875	524	597	5.8	
2.0 to 2.9	3 285	5	—	24	230	1 027	791	589	619	6.0	
3.0 or more	2 629	5	—	71	380	874	617	320	362	5.5	
Not computed	55	—	—	—	8	14	17	16	—	...	
<b>Renter occupied housing units</b>		7 706	456	1 004	2 271	2 076	959	427	243	270	3.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		6 984	179	831	2 131	2 070	862	408	234	269	3.7
<b>PERSONS</b>											
1 person	2 593	425	624	1 125	286	75	10	24	24	2.7	
2 persons	2 225	31	312	843	719	179	77	30	34	3.4	
3 persons	1 275	—	56	262	581	254	77	19	26	4.0	
4 persons	811	—	12	36	346	197	120	59	41	4.6	
5 persons	416	—	—	5	129	125	68	47	42	5.1	
6 persons or more	386	—	—	—	15	129	75	64	103	6.2	
Median	2.1	1.0	1.3	1.5	2.6	3.4	3.9	4.3	4.7	...	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>With all plumbing facilities</b>		7 119	235	838	2 135	2 056	937	418	230	270	3.7
0.50 or less	3 135	—	481	1 043	1 000	248	164	67	132	3.5	
0.51 to 1.00	3 514	215	294	1 051	912	564	209	149	120	3.7	
1.01 to 1.50	422	—	51	36	139	119	45	14	18	4.4	
1.51 or more	48	20	12	5	5	6	—	—	—	...	
<b>Lacking some or all plumbing facilities</b>		587	221	166	136	22	9	13	—	—	
0.50 or less	242	—	143	82	5	6	6	—	—	1.9	
0.51 to 1.00	321	210	18	54	15	12	5	7	—	2.3	
1.01 to 1.50	9	—	5	—	—	—	4	—	—	1.3	
1.51 or more	15	11	—	—	—	4	—	—	—	...	
<b>BEDROOMS</b>											
None	710	380	226	104	—	—	—	—	—	—	
1	2 976	—	860	1 812	284	20	—	—	—	1.4	
2	2 641	—	—	183	1 693	659	85	—	21	2.8	
3 or more	1 356	—	—	—	64	496	378	209	209	4.2	
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970	381	6	48	142	150	35	—	—	—	—	
1960 to 1968	2 067	55	295	649	758	224	38	27	21	3.5	
1950 to 1959	831	10	68	193	313	170	42	11	24	3.5	
1949 or earlier	4 427	385	593	1 287	855	530	347	205	225	4.0	
<b>COMPLETE BATHROOMS</b>											
1 and 1 1/2	6 837	253	825	2 130	2 065	772	363	215	214	3.6	
2 or more	256	—	6	21	12	90	45	27	55	5.5	
None or also used by another household	640	240	152	167	44	14	6	17	—	2.0	
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
<b>Specified renter occupied<sup>2</sup></b>		7 208	456	998	2 232	2 013	876	332	135	166	3.5
Less than 10 percent	461	66	43	87	133	85	38	5	4	3.8	
10 to 14 percent	1 134	93	90	335	392	112	50	21	41	3.6	
15 to 19 percent	1 024	46	113	222	363	170	56	30	24	3.9	
20 to 24 percent	926	44	99	269	351	91	51	10	11	3.6	
25 to 34 percent	1 084	55	108	424	242	172	47	17	19	3.4	
35 percent or more	2 235	137	495	826	469	182	58	34	34	3.1	
Not computed	344	15	50	69	63	64	32	18	33	4.1	

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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	17 496	15 333	1 150	1 013	7 706	1 871	1 286	1 392	1 168	829	1 101	59
<b>ROOMS</b>												
1 room	32	16	16	—	456	12	—	49	156	111	128	—
2 rooms	74	22	19	33	1 004	57	92	151	225	159	314	6
3 rooms	511	172	156	183	2 271	174	420	484	439	360	389	5
4 rooms	2 246	1 303	369	574	2 076	307	515	582	294	161	178	39
5 rooms	5 262	4 768	296	198	959	514	220	89	31	28	68	9
6 rooms	3 825	3 626	179	20	427	347	34	27	—	—	19	—
7 rooms	2 704	2 631	68	5	243	220	—	—	18	5	—	—
8 rooms or more	2 842	2 795	47	—	270	240	5	10	5	5	5	—
Median	5.7	5.9	4.6	4.0	3.6	5.3	3.8	3.5	3.0	2.9	2.8	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	17 161	15 059	1 094	1 008	7 119	1 802	1 238	1 270	986	732	1 032	59
0.50 or less	7 978	6 824	701	453	3 135	609	510	585	410	411	576	34
0.51 to 1.00	8 132	7 268	362	502	3 514	969	656	634	520	289	421	25
1.01 to 1.50	958	895	15	48	422	213	72	51	52	16	18	—
1.51 or more	93	72	16	5	48	11	—	—	4	16	17	—
Lacking some or all plumbing facilities	335	274	56	5	587	69	48	122	182	97	69	—
0.50 or less	232	191	36	5	242	32	26	71	42	43	28	—
0.51 to 1.00	86	66	20	—	321	29	17	51	140	54	30	—
1.01 to 1.50	11	11	—	—	9	4	5	—	—	—	—	—
1.51 or more	6	6	—	—	15	4	—	—	—	—	11	—
<b>BEDROOMS</b>												
None	65	40	25	—	710	28	28	46	210	99	299	—
1	588	284	238	66	2 976	183	423	694	635	498	518	25
2	4 268	3 020	517	731	2 641	492	608	521	436	194	325	65
3	7 982	7 598	181	203	1 002	676	170	113	43	—	—	—
4 or more	4 616	4 494	122	—	354	312	—	21	—	21	—	—
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	701	434	—	267	381	4	5	61	11	55	236	9
1965 to 1968	2 064	1 607	62	395	1 158	62	70	236	230	129	426	5
1960 to 1964	2 830	2 545	113	172	909	169	106	178	119	119	102	19
1950 to 1959	4 599	4 250	181	168	831	260	248	72	113	112	—	26
1940 to 1949	1 826	1 700	126	—	547	246	106	102	62	31	—	—
1939 or earlier	5 476	4 797	668	11	3 880	1 130	751	705	574	383	337	—
<b>INCOME IN 1969</b>												
Less than \$2,000	1 123	882	134	107	1 213	193	161	243	253	158	191	14
\$2,000 to \$2,999	742	627	82	33	618	121	92	78	113	115	99	—
\$3,000 to \$3,999	799	647	80	72	659	133	66	143	131	72	99	15
\$4,000 to \$4,999	626	529	47	50	662	132	121	125	141	49	90	4
\$5,000 to \$5,999	602	483	100	19	531	128	153	77	64	62	47	—
\$6,000 to \$6,999	766	617	75	74	536	163	67	85	78	88	55	—
\$7,000 to \$9,999	2 984	2 529	197	258	1 394	420	277	214	172	90	210	11
\$10,000 to \$14,999	5 599	4 960	274	365	1 516	439	261	298	157	145	201	15
\$15,000 to \$24,999	3 147	2 986	126	35	515	116	88	119	59	50	83	—
\$25,000 or more	1 108	1 073	35	—	62	26	—	10	—	—	26	—
Median	\$11 000	\$11 400	\$7 900	\$8 800	\$6 300	\$7 500	\$6 700	\$6 400	\$4 600	\$5 300	\$6 400	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	2 253	1 741	52	460	4 302	881	770	843	645	487	658	18
1968	1 841	1 567	54	220	984	280	177	213	127	68	113	6
1967	1 359	1 181	96	82	704	158	123	140	87	59	137	—
1965 and 1966	1 937	1 765	79	93	523	165	76	82	88	47	56	9
1960 to 1964	3 241	2 968	197	76	635	193	111	71	69	117	59	15
1950 to 1959	3 974	3 593	306	75	379	109	42	47	60	80	41	—
1949 or earlier	2 864	2 503	348	13	206	116	13	19	16	7	35	—
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	7 208	1 373	1 286	1 392	1 168	829	1 101	59
Less than \$50	...	...	...	...	267	38	12	45	96	40	36	—
\$50 to \$59	...	...	...	...	206	28	29	25	74	38	12	—
\$60 to \$69	...	...	...	...	330	28	73	93	54	57	25	—
\$70 to \$79	...	...	...	...	360	57	98	64	43	65	20	13
\$80 to \$99	...	...	...	...	911	137	235	203	149	118	64	5
\$100 to \$119	...	...	...	...	808	182	207	138	105	112	53	11
\$120 to \$149	...	...	...	...	1 592	255	303	355	345	144	185	5
\$150 to \$199	...	...	...	...	2 020	352	253	428	273	214	495	5
\$200 to \$299	...	...	...	...	365	139	44	30	29	23	94	6
\$300 or more	...	...	...	...	105	4	6	—	—	5	90	—
No cash rent	...	...	...	...	244	153	26	11	—	13	27	14
Median	...	...	...	...	\$131	\$136	\$118	\$130	\$125	\$116	\$164	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water	1 744	1 480	258	6	2 703	115	200	650	618	496	619	5
Warm-air furnace	14 789	12 975	843	971	4 260	1 345	1 000	677	466	302	428	42
Built-in electric units	106	88	18	—	102	11	—	23	20	17	31	—
Floor, wall, or pipeless furnace	142	125	6	11	139	51	29	15	23	9	6	6
Other means	709	659	25	25	502	349	57	27	41	5	17	6
None	6	6	—	—	—	—	—	—	—	—	—	—
<b>AIR CONDITIONING</b>												
Room unit(s)	4 250	3 687	368	195	2 056	288	313	449	386	187	426	7
Central system	1 739	1 601	72	66	774	55	52	41	37	189	400	—
None	11 480	10 030	692	758	4 903	1 559	947	925	669	489	273	41
<b>AUTOMOBILES AVAILABLE</b>												
1	8 108	6 875	632	601	4 174	1 062	729	739	534	463	608	39
2	7 025	6 446	288	291	1 616	515	283	327	213	92	186	—
3 or more	1 274	1 211	31	32	251	89	39	53	21	23	26	—
None	1 062	786	181	95	1 692	236	261	296	324	287	279	9

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA

	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
<b>Owner occupied housing units</b> .....	<b>17 496</b>	<b>500</b>	<b>3 718</b>	<b>3 591</b>	<b>4 842</b>	<b>1 653</b>	<b>346</b>	<b>139</b>	<b>642</b>	<b>334</b>	<b>749</b>	<b>982</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> .....	<b>17 161</b>	<b>500</b>	<b>3 707</b>	<b>3 553</b>	<b>4 753</b>	<b>1 593</b>	<b>346</b>	<b>107</b>	<b>633</b>	<b>309</b>	<b>734</b>	<b>926</b>
0.50 or less .....	7 978	200	679	590	2 596	1 404	169	92	357	246	729	916
0.51 to 1.00 .....	8 132	290	2 798	2 457	1 914	185	156	15	246	56	5	10
1.01 to 1.50 .....	958	5	195	479	228	—	21	—	30	—	—	—
1.51 or more .....	93	5	35	27	15	4	—	—	7	—	—	—
<b>Lacking some or all plumbing facilities</b> .....	<b>335</b>	<b>11</b>	<b>38</b>	<b>89</b>	<b>60</b>	<b>—</b>	<b>—</b>	<b>32</b>	<b>9</b>	<b>25</b>	<b>15</b>	<b>56</b>
0.50 or less .....	232	—	—	6	47	46	—	32	5	25	15	56
0.51 to 1.00 .....	86	—	5	21	42	14	—	—	4	—	—	—
1.01 to 1.50 .....	11	—	6	5	—	—	—	—	—	—	—	—
1.51 or more .....	6	—	—	6	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>												
1 .....	15 333	303	3 326	3 447	4 374	1 452	287	128	517	274	484	741
2 or more .....	1 150	12	104	88	294	140	23	11	88	56	155	179
Mobile home or trailer .....	1 013	185	288	56	174	61	36	—	37	4	110	62
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	1 123	10	40	37	103	149	5	28	49	52	140	510
\$2,000 to \$2,999 .....	742	4	—	27	48	316	5	18	57	39	50	178
\$3,000 to \$3,999 .....	799	9	31	34	98	266	20	16	43	63	116	103
\$4,000 to \$4,999 .....	626	—	49	17	138	184	20	—	73	45	68	32
\$5,000 to \$5,999 .....	602	12	51	74	151	138	9	—	39	39	59	21
\$6,000 to \$6,999 .....	766	42	115	109	188	118	15	10	56	14	62	37
\$7,000 to \$9,999 .....	2 984	184	962	478	717	225	49	37	117	43	119	53
\$10,000 to \$14,999 .....	5 599	194	1 758	1 403	1 670	140	125	15	155	18	87	34
\$15,000 to \$24,999 .....	3 147	41	627	1 032	1 202	80	67	5	35	21	23	14
\$25,000 or more .....	1 108	4	85	380	527	37	31	5	14	—	25	—
Median .....	\$11 000	\$9 800	\$11 700	\$13 600	\$12 900	\$4 500	\$12 000	\$6 300	\$7 000	\$4 300	\$5 000	\$2000—
<b>VALUE-INCOME RATIO</b>												
<b>Specified owner occupied<sup>1</sup></b> .....	<b>13 255</b>	<b>270</b>	<b>3 095</b>	<b>3 010</b>	<b>3 639</b>	<b>1 135</b>	<b>225</b>	<b>92</b>	<b>469</b>	<b>253</b>	<b>434</b>	<b>633</b>
Less than 1.5 .....	3 761	62	588	983	1 722	127	64	21	96	33	30	35
1.5 to 1.9 .....	3 525	96	1 155	937	916	139	63	10	92	35	67	15
2.0 to 2.4 .....	2 120	65	702	586	432	166	36	16	47	16	45	24
2.5 to 2.9 .....	1 165	20	338	228	249	95	28	16	55	17	89	30
3.0 to 3.9 .....	914	7	214	147	165	207	19	—	52	30	33	27
4.0 or more .....	1 715	20	98	118	150	416	15	29	117	122	154	489
Not computed .....	55	—	—	11	5	—	—	—	10	—	16	13
<b>Renter occupied housing units</b> .....	<b>7 706</b>	<b>840</b>	<b>1 573</b>	<b>439</b>	<b>468</b>	<b>194</b>	<b>382</b>	<b>17</b>	<b>1 099</b>	<b>101</b>	<b>1 702</b>	<b>891</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> .....	<b>7 119</b>	<b>829</b>	<b>1 554</b>	<b>427</b>	<b>452</b>	<b>189</b>	<b>351</b>	<b>12</b>	<b>1 046</b>	<b>101</b>	<b>1 430</b>	<b>728</b>
0.50 or less .....	3 135	192	282	71	175	89	109	12	213	49	1 267	676
0.51 to 1.00 .....	3 514	610	1 035	270	271	100	209	—	752	52	163	52
1.01 to 1.50 .....	422	22	214	80	6	—	29	—	71	—	—	—
1.51 or more .....	48	5	23	6	—	—	4	—	10	—	—	—
<b>Lacking some or all plumbing facilities</b> .....	<b>587</b>	<b>11</b>	<b>19</b>	<b>12</b>	<b>16</b>	<b>5</b>	<b>31</b>	<b>5</b>	<b>53</b>	<b>—</b>	<b>272</b>	<b>163</b>
0.50 or less .....	242	—	—	—	6	5	—	—	6	—	100	125
0.51 to 1.00 .....	321	6	11	12	10	—	25	5	42	—	172	38
1.01 to 1.50 .....	9	—	4	—	—	—	—	—	—	—	—	—
1.51 or more .....	15	5	4	—	—	—	6	—	5	—	—	—
<b>UNITS IN STRUCTURE</b>												
1 .....	1 871	193	599	279	194	34	80	12	175	35	139	131
2 to 4 .....	2 678	406	577	101	149	61	162	—	489	31	468	234
5 to 19 .....	1 997	189	243	49	57	57	75	5	322	24	686	290
20 or more .....	1 101	38	149	10	58	42	54	—	113	11	398	228
Mobile home or trailer .....	59	14	5	—	10	—	11	—	—	—	11	8
<b>GROSS RENT</b>												
<b>Specified renter occupied<sup>2</sup></b> .....	<b>7 208</b>	<b>773</b>	<b>1 406</b>	<b>352</b>	<b>408</b>	<b>176</b>	<b>359</b>	<b>11</b>	<b>1 082</b>	<b>88</b>	<b>1 677</b>	<b>876</b>
Less than \$50 .....	267	11	10	—	5	6	—	—	12	—	151	72
\$50 to \$59 .....	206	6	5	6	5	—	10	—	15	—	111	48
\$60 to \$69 .....	330	17	8	10	11	4	—	5	7	9	157	102
\$70 to \$79 .....	360	28	43	17	11	15	21	—	141	—	120	66
\$80 to \$99 .....	911	132	71	17	41	22	19	—	141	12	317	139
\$100 to \$119 .....	808	132	100	48	41	4	57	—	169	9	165	83
\$120 to \$149 .....	1 592	195	368	92	75	41	92	—	248	10	321	150
\$150 to \$199 .....	2 020	232	628	93	145	28	86	—	407	38	272	91
\$200 to \$299 .....	365	6	111	46	9	5	64	—	39	5	17	63
\$300 or more .....	105	—	21	—	29	24	—	—	—	—	9	22
No cash rent .....	244	14	41	23	36	27	10	6	5	5	37	40
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
<b>Specified renter occupied<sup>2</sup></b> .....	<b>7 208</b>	<b>773</b>	<b>1 406</b>	<b>352</b>	<b>408</b>	<b>176</b>	<b>359</b>	<b>11</b>	<b>1 082</b>	<b>88</b>	<b>1 677</b>	<b>876</b>
Less than \$5,000 .....	2 982	157	78	42	46	106	176	11	705	50	852	759
Less than 20 percent .....	169	—	11	—	—	—	5	—	17	—	111	25
20 to 24 percent .....	184	21	—	—	—	5	—	—	21	4	102	27
25 to 34 percent .....	367	17	12	9	—	6	22	5	91	—	166	39
35 percent or more .....	2 015	105	41	26	36	76	124	—	537	41	401	628
Not computed .....	247	14	14	7	10	19	21	6	39	5	72	40
\$5,000 to \$9,999 .....	2 244	360	533	92	113	22	83	—	320	28	596	97
Less than 20 percent .....	718	128	124	36	57	—	10	—	52	4	293	14
20 to 24 percent .....	571	127	128	16	22	4	27	—	74	6	152	15
25 to 34 percent .....	691	90	200	26	11	10	31	—	142	18	115	48
35 percent or more .....	200	15	56	4	13	—	15	—	47	—	30	20
Not computed .....	64	—	25	10	10	8	—	—	5	—	6	—
\$10,000 to \$14,999 .....	1 426	213	603	131	139	29	77	—	52	5	157	20
Less than 20 percent .....	1 209	203	489	107	128	14	59	—	52	—	148	9
20 to 24 percent .....	157	10	86	18	—	5	18	—	—	5	9	6
25 percent or more .....	32	—	17	—	—	10	—	—	—	—	—	5
Not computed .....	28	—	11	6	11	—	—	—	—	—	—	—
\$15,000 or more .....	556	43	192	87	110	19	23	—	5	5	72	—
Less than 20 percent .....	523	43	187	87	96	10	23	—	5	5	67	—
20 to 24 percent .....	14	—	—	—	9	5	—	—	—	—	—	—
25 percent or more .....	14	—	5	—	—	4	—	—	—	—	5	—
Not computed .....	5	—	—	—	5	—	—	—	—	—	—	—

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

<sup>2</sup>Excludes 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<sup>1</sup>]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	17 496	1 731	4 592	2 784	3 362	2 449	1 459	647	472	3.4
<b>BEDROOMS</b>										
None and 1	653	305	321	27	-	-	-	-	-	1.6
2	4 268	722	2 191	791	466	78	-	-	20	2.1
3	7 982	410	1 564	1 525	2 160	1 579	563	141	40	3.7
4 or more	4 616	291	597	354	709	761	937	441	526	5.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	701	15	163	174	164	125	50	10	-	3.5
1965 to 1968	2 064	122	389	325	558	384	173	70	43	3.9
1960 to 1964	2 830	86	432	449	731	558	343	155	76	4.1
1950 to 1959	4 599	303	1 170	777	923	696	448	150	132	3.6
1940 to 1949	1 826	268	581	301	241	154	171	82	28	2.7
1939 or earlier	5 476	937	1 857	758	745	532	274	180	193	2.5
<b>UNITS IN STRUCTURE</b>										
1	15 333	1 225	3 833	2 351	3 036	2 357	1 431	638	462	3.6
2 or more	1 150	334	402	179	145	43	28	9	10	2.1
Mobile home or trailer	1 013	172	357	254	181	49	-	-	-	2.4
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	13 335	1 454	3 748	2 184	2 559	1 779	917	409	285	3.2
2 and 2 1/2	3 212	154	587	466	659	594	448	189	115	4.1
3 or more	491	6	81	62	124	74	79	45	20	4.3
None or also used by another household	431	121	140	86	39	14	4	6	21	2.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	15 765	...	4 592	2 784	3 362	2 449	1 459	647	472	3.7
Male head, wife present, no nonrelatives	14 304	...	3 853	2 467	3 115	2 392	1 414	612	451	3.8
Under 25 years	500	...	154	216	105	21	4	-	-	2.9
25 to 34 years	3 718	...	358	639	1 245	909	378	112	77	4.2
35 to 44 years	3 591	...	156	298	773	983	760	351	270	5.1
45 to 64 years	4 842	...	1 790	1 142	932	463	262	149	104	3.1
65 years and over	1 653	...	1 395	172	60	16	10	-	-	2.1
Other male head	485	...	212	116	78	22	30	17	10	2.8
Under 65 years	346	...	128	77	48	16	30	17	10	3.1
65 years and over	139	...	84	39	6	-	-	-	-	2.3
Female head	976	...	527	201	169	35	15	18	11	2.4
Under 65 years	642	...	280	151	138	29	15	18	11	2.8
65 years and over	334	...	247	50	31	6	-	-	-	2.2
<b>One-person households</b>	1 731	1 731	...	...	...	...	...	...	...	1.0
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	13 255	1 067	3 246	2 019	2 727	2 064	1 298	522	312	3.6
Less than 1.5	3 761	65	867	705	836	572	406	202	108	3.8
1.5 to 1.9	3 525	82	679	562	887	644	402	149	120	4.0
2.0 to 2.4	2 120	69	449	273	493	452	259	79	46	4.0
2.5 to 2.9	1 165	119	271	176	224	175	132	54	14	3.6
3.0 to 3.9	914	60	368	145	133	114	47	23	24	2.7
4.0 or more	1 715	643	608	158	145	101	52	8	-	1.9
Not computed	55	29	4	-	9	6	-	7	-	...
<b>Renter occupied housing units</b>	7 706	2 593	2 225	1 275	811	416	184	112	90	2.1
<b>BEDROOMS</b>										
None	710	626	84	-	-	-	-	-	-	1.1
1	2 976	1 690	928	358	-	-	-	-	-	1.4
2	2 641	230	853	869	547	120	-	22	-	2.8
3 or more	1 356	53	256	155	296	319	138	83	56	4.2
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	381	102	152	94	22	11	-	-	-	2.1
1965 to 1968	1 158	364	528	160	78	13	10	5	-	1.9
1960 to 1964	909	194	307	196	138	64	5	5	-	2.3
1950 to 1959	831	175	168	173	154	112	44	5	-	2.9
1940 to 1949	547	187	118	104	68	21	30	8	11	2.2
1939 or earlier	3 880	1 571	952	548	351	195	95	89	79	1.9
<b>UNITS IN STRUCTURE</b>										
1	1 871	270	312	330	371	232	167	99	90	3.6
2	1 286	313	403	340	137	78	7	8	-	2.3
3 and 4	1 392	389	581	248	134	35	5	-	-	2.0
5 to 9	1 168	508	338	183	91	43	5	-	-	1.7
10 to 19	829	468	248	71	32	5	-	5	-	1.4
20 or more	1 101	626	317	98	37	23	-	-	-	1.4
Mobile home or trailer	59	19	26	5	9	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	6 837	2 169	2 067	1 166	710	351	175	109	90	2.1
2 or more	256	37	53	44	64	17	35	6	-	3.4
None or also used by another household	640	398	142	46	14	28	-	-	12	1.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	5 113	...	2 225	1 275	811	416	184	112	90	2.8
Male head, wife present, no nonrelatives	3 514	...	1 306	902	627	348	162	102	67	3.0
Under 25 years	840	...	436	285	96	13	5	-	-	2.5
25 to 34 years	1 573	...	365	444	376	230	77	48	33	3.4
35 to 44 years	469	...	85	44	96	73	40	30	30	4.4
45 to 64 years	468	...	243	112	59	32	9	4	4	2.5
65 years and over	194	...	177	17	17	-	-	-	-	2.0
Other male head	399	...	227	71	66	21	6	-	8	2.4
Under 65 years	382	...	222	65	60	21	6	-	8	2.4
65 years and over	17	...	5	6	6	-	-	-	-	...
Female head	1 200	...	692	302	118	47	16	10	15	2.4
Under 65 years	1 099	...	601	297	118	47	11	10	15	2.4
65 years and over	101	...	91	5	-	-	5	-	-	2.1
<b>One-person households</b>	2 593	2 593	...	...	...	...	...	...	...	1.0
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	7 208	2 553	2 134	1 203	741	336	138	63	40	2.0
Less than 10 percent	461	125	164	96	51	16	-	5	4	2.1
10 to 14 percent	1 134	288	412	201	130	54	39	10	10	2.2
15 to 19 percent	1 024	254	295	203	140	75	19	33	5	2.4
20 to 24 percent	926	311	257	164	125	38	15	10	6	2.1
25 to 34 percent	1 084	378	287	204	137	48	19	5	6	2.1
35 percent or more	2 235	1 079	637	279	118	73	35	5	9	1.6
Not computed	344	118	82	56	40	32	11	5	-	2.2

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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
<b>Vacant for sale</b> .....	<b>220</b>	<b>131</b>	<b>60</b>	<b>29</b>	<b>Vacant for rent</b> .....	<b>691</b>	<b>397</b>	<b>189</b>	<b>105</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	22	9	4	9	1 room .....	79	61	18	-
4 rooms .....	14	10	-	4	2 rooms .....	157	74	47	36
5 rooms .....	57	28	25	4	3 rooms .....	210	125	38	47
6 rooms .....	21	11	5	5	4 rooms .....	201	117	71	13
7 rooms or more .....	106	73	26	7	5 rooms .....	35	16	15	4
					6 rooms .....	9	4	-	5
					7 rooms or more .....	-	-	-	-
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	179	100	55	24	With all plumbing facilities .....	641	369	171	101
Lacking some or all plumbing facilities .....	41	31	5	5	Lacking some or all plumbing facilities .....	50	28	18	4
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	46	31	-	15	None .....	120	72	48	-
2 .....	-	-	-	-	1 .....	296	186	-	110
3 .....	94	62	32	-	2 .....	258	86	129	43
4 or more .....	109	47	62	-	3 or more .....	47	-	24	23
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	102	74	28	-	1969 to March 1970 .....	96	70	17	9
1960 to 1968 .....	28	26	2	-	1960 to 1968 .....	263	138	95	30
1950 to 1959 .....	22	12	10	-	1950 to 1959 .....	76	30	41	5
1949 or earlier .....	68	19	20	29	1949 or earlier .....	256	159	36	61
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	197	121	60	16	1 .....	47	19	15	13
2 or more .....	23	10	-	13	2 to 4 .....	143	101	17	25
					5 to 9 .....	156	94	57	5
<b>HEATING EQUIPMENT</b>					10 to 19 .....	116	51	48	17
Steam or hot water .....	11	4	7	-	20 or more .....	229	132	52	45
Warm-air furnace .....	185	127	38	20					
Built-in electric units .....	-	-	-	-	<b>RENT ASKED</b>				
Floor, wall, or pipeless furnace .....	-	-	-	-	<b>Specified vacant for rent<sup>2</sup></b> .....	<b>677</b>	<b>394</b>	<b>183</b>	<b>100</b>
Other means .....	13	-	9	4	Less than \$50 .....	51	30	17	4
None .....	11	-	6	5	\$50 to \$59 .....	20	12	-	8
					\$60 to \$79 .....	62	46	8	8
<b>SALES PRICE ASKED</b>					\$80 to \$99 .....	53	29	11	13
<b>Specified vacant for sale<sup>1</sup></b> .....	<b>191</b>	<b>121</b>	<b>54</b>	<b>16</b>	\$100 to \$119 .....	64	37	4	23
Less than \$5,000 .....	12	-	9	3	\$120 to \$149 .....	127	73	30	24
\$5,000 to \$9,999 .....	9	-	-	9	\$150 to \$199 .....	194	113	67	14
\$10,000 to \$14,999 .....	5	5	-	-	\$200 or more .....	106	54	46	6
\$15,000 to \$19,999 .....	13	4	5	4	Median rent asked .....	\$141	\$138	\$166	\$115
\$20,000 to \$24,999 .....	46	27	19	-					
\$25,000 to \$34,999 .....	62	46	16	-					
\$35,000 to \$49,999 .....	24	24	-	-					
\$50,000 or more .....	20	15	5	-					
Median price asked .....	\$26 700	\$30 300	...	...					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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 <sup>1</sup>							Rent asked - Vacant for rent <sup>2</sup>						
	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
<b>Total</b> .....	<b>191</b>	<b>21</b>	<b>5</b>	<b>13</b>	<b>46</b>	<b>62</b>	<b>44</b>	<b>677</b>	<b>71</b>	<b>62</b>	<b>53</b>	<b>191</b>	<b>194</b>	<b>106</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	157	-	16	-	64	31	46	602	48	71	19	132	207	125
Lacking some or all plumbing facilities .....	62	16	-	-	-	46	-	72	24	24	24	-	-	-
<b>BEDROOMS</b>														
None and 1 .....	16	-	16	-	-	-	-	416	72	95	24	85	82	58
2 .....	-	-	-	-	-	-	-	258	-	-	19	47	125	67
3 .....	94	-	-	-	32	62	-	-	-	-	-	-	-	-
4 or more .....	109	16	-	-	32	15	46	-	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	102	-	-	-	18	46	38	96	-	-	-	-	73	23
1960 to 1968 .....	28	-	-	-	17	11	-	263	-	-	9	91	80	83
1950 to 1959 .....	22	-	-	-	11	5	6	76	-	-	11	32	33	-
1949 or earlier .....	39	21	5	13	-	-	-	242	71	62	33	68	8	-
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	33	-	3	8	13	9	-
2 to 4 .....	...	...	...	...	...	...	...	143	8	20	25	47	43	-
5 to 19 .....	...	...	...	...	...	...	...	272	63	12	20	68	105	4
20 or more .....	...	...	...	...	...	...	...	229	-	27	-	63	37	102
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	259	63	44	35	39	8	70
Some or no utilities included .....	...	...	...	...	...	...	...	418	8	18	18	152	186	36

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

<b>Rochester</b>	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)
<b>Specified owner occupied<sup>1</sup></b>	<b>9 416</b>	<b>11</b>	<b>48</b>	<b>204</b>	<b>439</b>	<b>858</b>	<b>2 612</b>	<b>2 506</b>	<b>1 797</b>	<b>610</b>	<b>331</b>	<b>21 100</b>
<b>ROOMS</b>												
1 and 2 rooms	15	-	5	-	-	5	-	5	-	-	-	...
3 rooms	78	-	-	32	28	14	4	-	-	-	-	...
4 rooms	831	5	26	99	161	144	318	54	19	-	5	14 700
5 rooms	3 188	-	17	46	132	356	1 246	1 038	327	26	-	19 300
6 rooms	2 192	6	-	13	88	189	680	680	478	53	5	20 900
7 rooms	1 555	-	-	14	25	127	277	387	516	156	53	24 300
8 rooms or more	1 557	-	-	-	5	23	87	342	457	375	268	32 000
Median	5.8	...	...	4.2	4.7	5.2	5.3	5.7	6.6	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	815	5	21	75	115	124	288	117	46	19	5	16 300
2 persons	2 374	6	16	86	187	363	691	492	366	88	79	18 500
3 persons	1 469	-	5	27	45	86	487	425	292	57	45	21 000
4 persons	1 933	-	-	5	42	164	447	636	429	156	54	22 400
5 persons	1 417	-	6	6	21	61	377	423	327	143	53	22 800
6 persons or more	1 408	-	-	5	29	60	322	413	337	147	95	23 500
Median	3.5	...	...	1.8	2.1	2.3	3.2	3.8	4.0	4.4	4.2	...
Units with roomers, boarders, or lodgers	225	-	-	8	14	22	96	45	23	12	5	18 800
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>9 402</b>	<b>11</b>	<b>48</b>	<b>204</b>	<b>431</b>	<b>852</b>	<b>2 612</b>	<b>2 506</b>	<b>1 797</b>	<b>610</b>	<b>331</b>	<b>21 100</b>
0.50 or less	4 316	11	32	161	295	492	1 168	888	764	289	216	20 000
0.51 to 1.00	4 593	-	10	43	117	346	1 257	1 434	970	311	105	21 800
1.01 to 1.50	470	-	6	-	19	14	174	174	63	10	10	20 600
1.51 or more	23	-	-	-	-	-	13	10	-	-	-	...
<b>Lacking some or all plumbing facilities</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>...</b>
0.50 or less	14	-	-	-	8	6	-	-	-	-	-	...
0.51 to 1.00	-	-	-	-	-	-	-	-	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	171	-	20	25	86	40	-	-	-	-	-	...
2	2 058	45	-	86	188	608	714	315	61	41	-	15 600
3	5 026	-	-	41	163	312	1 431	1 768	1 068	175	68	21 600
4 or more	2 309	-	-	20	20	184	363	379	714	448	181	27 600
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	225	-	-	-	-	-	6	42	99	64	14	31 500
1965 to 1968	1 005	5	-	-	-	-	29	184	528	176	83	30 400
1960 to 1964	1 486	-	-	-	-	8	264	666	397	121	30	23 500
1950 to 1959	2 749	-	-	5	30	136	861	1 018	510	114	75	21 700
1940 to 1949	1 354	-	6	45	97	130	584	294	93	50	55	18 600
1939 or earlier	2 597	6	42	154	312	584	868	302	170	85	74	16 000
<b>COMPLETE BATHROOMS</b>												
1 and 1/2	6 940	-	50	172	413	742	2 468	1 969	992	122	12	19 300
2 and 2 1/2	2 132	-	-	17	5	27	172	541	786	357	227	28 900
3 or more	291	-	-	-	-	-	-	18	26	115	132	48 200
None or also used by another household	36	-	6	19	11	-	-	-	-	-	-	...
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>8 601</b>	<b>6</b>	<b>27</b>	<b>129</b>	<b>324</b>	<b>734</b>	<b>2 324</b>	<b>2 389</b>	<b>1 751</b>	<b>591</b>	<b>326</b>	<b>21 600</b>
Male head, wife present, no nonrelatives	7 824	6	21	104	280	608	2 060	2 214	1 665	572	294	21 900
Under 25 years	170	-	-	-	6	30	60	43	22	9	-	19 200
25 to 34 years	2 045	-	-	-	35	100	555	684	522	116	33	22 400
35 to 44 years	2 109	-	-	5	23	93	412	640	587	240	109	24 100
45 to 64 years	2 609	-	16	48	131	229	715	691	456	186	137	21 200
65 years and over	891	6	5	51	85	156	318	156	78	21	15	16 600
Other male head	198	-	-	9	-	49	58	25	10	27	21	21 800
Under 65 years	147	-	-	-	-	15	38	52	20	10	12	22 000
65 years and over	51	-	-	9	-	5	11	6	5	-	15	...
Female head	579	-	6	16	44	106	215	117	61	9	5	17 500
Under 65 years	369	-	11	22	54	143	74	51	9	5	5	18 400
65 years and over	210	-	6	5	22	52	72	43	10	-	-	16 100
<b>One-person households</b>	<b>815</b>	<b>5</b>	<b>21</b>	<b>75</b>	<b>115</b>	<b>124</b>	<b>288</b>	<b>117</b>	<b>46</b>	<b>19</b>	<b>5</b>	<b>16 300</b>
Under 65 years	338	5	5	19	48	148	64	21	9	-	-	17 300
65 years and over	477	-	16	56	96	76	140	53	25	10	5	14 800
<b>INCOME IN 1969</b>												
Less than \$2,000	513	5	16	64	99	54	151	71	42	11	-	15 600
\$2,000 to \$2,999	344	6	5	31	38	91	76	47	29	16	5	15 100
\$3,000 to \$3,999	367	-	11	34	20	57	183	46	16	-	-	16 100
\$4,000 to \$4,999	304	-	-	12	53	59	107	54	19	-	-	16 300
\$5,000 to \$5,999	237	-	-	5	16	52	77	58	24	-	5	17 400
\$6,000 to \$6,999	321	-	-	11	26	62	122	70	26	4	-	16 800
\$7,000 to \$9,999	1 384	-	5	25	69	188	532	406	140	10	9	19 000
\$10,000 to \$14,999	3 147	-	6	22	103	189	1 015	1 060	630	107	15	21 100
\$15,000 to \$24,999	2 141	-	5	-	15	101	334	659	698	247	82	24 700
\$25,000 or more	658	-	-	-	-	5	15	35	173	215	215	42 000
Median	\$12 000	...	...	\$3 200	\$5 600	\$7 900	\$10 300	\$12 400	\$14 800	\$21 400	\$32 100	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 178	-	4	-	12	72	280	298	350	114	48	23 700
1968	953	-	-	-	20	6	223	262	293	100	49	24 300
1967	750	-	-	-	22	42	184	189	199	68	46	23 400
1965 and 1966	1 042	-	-	-	-	-	-	-	-	-	-	...
1960 to 1964	1 786	6	12	-	53	210	316	309	318	79	57	23 800
1950 to 1959	2 318	-	-	36	32	110	545	595	318	111	39	21 400
1949 or earlier	1 372	-	25	46	115	264	761	673	256	90	88	19 600
1949 or earlier	1 372	-	21	114	228	437	195	79	32	44	44	16 100
<b>HEATING EQUIPMENT</b>												
Steam or hot water	681	-	-	16	10	47	107	168	169	93	71	24 800
Varm-air furnace	8 617	6	43	161	372	801	2 496	2 333	1 628	517	260	20 900
oil-in electric units	14	5	-	-	-	-	9	-	-	-	-	...
loor, wall, or pipeless furnace	41	-	-	22	14	5	-	-	-	-	-	...
ther means	63	-	5	5	43	5	-	5	-	-	-	...
none	-	-	-	-	-	-	-	-	-	-	-	...
<b>AIR CONDITIONING</b>												
Room unit(s)	2 812	-	-	64	132	225	863	908	426	113	53	20 500
Central system	1 252	-	-	10	9	25	89	317	385	216	201	29 600
None	5 335	-	28	134	288	519	1 688	1 303	993	265	117	20 000

<sup>1</sup>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]

<b>Rochester</b>	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)
<b>Specified renter occupied<sup>1</sup></b>	<b>6 320</b>	<b>218</b>	<b>178</b>	<b>299</b>	<b>305</b>	<b>777</b>	<b>701</b>	<b>1 408</b>	<b>1 851</b>	<b>329</b>	<b>90</b>	<b>164</b>	<b>133</b>
<b>ROOMS</b>													
1 room	451	163	76	47	25	57	10	31	16	26	—	—	58
2 rooms	947	27	54	109	85	176	115	122	200	32	10	17	102
3 rooms	2 114	17	33	122	127	367	338	563	474	25	20	28	122
4 rooms	1 746	6	6	9	43	144	135	479	822	44	30	28	152
5 rooms	659	—	9	5	19	11	50	171	231	117	21	25	161
6 rooms	221	5	—	7	6	17	21	21	82	38	9	15	166
7 rooms	92	—	—	—	—	—	—	—	10	29	—	18	—
8 rooms or more	90	—	—	—	—	5	14	16	10	29	—	18	—
Median	3.3	1.2	1.7	2.4	2.8	2.9	3.2	3.5	3.8	4.8	—	4.9	—
<b>PERSONS</b>													
1 person	2 418	206	147	247	168	440	231	471	351	74	31	52	99
2 persons	1 925	12	22	29	92	230	266	436	673	74	53	38	140
3 persons	1 055	—	4	18	39	61	109	279	498	21	—	26	150
4 persons	540	—	5	—	6	35	64	134	217	57	6	16	154
5 persons	248	—	—	—	—	5	26	61	65	69	—	21	166
6 persons or more	134	—	—	5	—	5	5	27	47	34	—	11	171
Median	1.9	1.0	1.1	1.1	1.4	1.4	1.9	2.0	2.4	3.3	—	2.3	—
Units with roomers, boarders, or lodgers	411	—	11	7	14	28	79	91	139	31	—	11	140
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>5 819</b>	<b>70</b>	<b>100</b>	<b>198</b>	<b>243</b>	<b>708</b>	<b>685</b>	<b>1 396</b>	<b>1 851</b>	<b>329</b>	<b>85</b>	<b>154</b>	<b>138</b>
0.50 or less	2 694	33	54	120	143	427	304	627	723	125	65	73	131
0.51 to 1.00	2 842	31	46	73	96	269	353	657	1 043	173	20	81	143
1.01 to 1.50	247	—	—	—	—	12	28	97	74	31	—	—	144
1.51 or more	36	6	—	—	4	—	—	15	11	—	—	—	—
<b>Lacking some or all plumbing facilities</b>	<b>501</b>	<b>148</b>	<b>78</b>	<b>101</b>	<b>62</b>	<b>69</b>	<b>16</b>	<b>12</b>	<b>—</b>	<b>—</b>	<b>5</b>	<b>10</b>	<b>62</b>
0.50 or less	215	22	23	91	38	20	—	6	—	—	5	10	66
0.51 to 1.00	275	126	55	10	19	49	16	—	—	—	5	10	52
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	11	—	—	—	5	—	—	6	—	—	—	—	—
<b>BEDROOMS</b>													
None	710	178	77	104	28	110	56	21	94	20	—	22	69
1	2 800	56	106	293	132	511	317	804	522	41	18	—	119
2	2 184	—	—	22	108	128	106	493	1 080	156	72	19	160
3 or more	710	—	—	—	—	66	123	48	195	187	21	70	171
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	358	—	—	—	—	—	—	41	281	23	—	13	173
1965 to 1968	1 046	6	—	—	—	5	10	245	589	94	69	28	171
1960 to 1964	763	—	6	—	—	8	76	202	424	26	5	16	160
1950 to 1959	636	—	5	—	15	91	92	188	153	71	—	15	136
1940 to 1949	402	9	4	15	24	70	64	147	54	11	—	4	123
1939 or earlier	3 115	203	169	272	266	603	459	585	350	104	16	88	100
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	481	28	78	—	—	27	56	25	138	61	68	—	160
With elevator	329	—	78	—	—	27	28	67	61	68	—	—	—
Walk-up	152	28	—	—	—	—	28	71	—	—	—	—	—
1 to 3 floors	5 923	206	105	419	268	788	546	1 341	1 753	343	43	111	133
<b>COMPLETE BATHROOMS</b>													
1 and 1/2	5 658	55	105	200	222	691	704	1 413	1 818	277	54	119	137
2 or more	153	—	6	—	—	7	12	—	27	39	31	31	—
None or also used by another household	540	165	74	71	88	63	23	24	10	—	—	22	63
<b>INCOME IN 1969</b>													
Less than \$2,000	1 081	54	93	117	115	140	143	211	106	45	15	42	100
\$2,000 to \$2,999	513	37	18	40	41	124	57	54	92	25	—	25	98
\$3,000 to \$3,999	569	51	26	45	26	70	64	108	126	27	6	20	118
\$4,000 to \$4,999	564	22	17	20	32	81	79	156	122	21	5	9	125
\$5,000 to \$5,999	434	15	—	17	21	74	71	105	115	15	—	—	125
\$6,000 to \$6,999	431	—	15	34	16	49	35	148	98	15	—	—	125
\$7,000 to \$9,999	1 068	30	4	10	13	107	114	273	454	28	11	21	131
\$10,000 to \$14,999	1 162	9	—	16	35	95	108	273	488	104	16	24	147
\$15,000 to \$24,999	455	—	5	—	6	37	23	80	232	48	19	5	154
\$25,000 or more	43	—	—	—	—	7	—	—	18	—	—	—	166
Median	\$6 000	\$3 400	\$2 000	\$2 800	\$2 900	\$4 700	\$5 100	\$6 500	\$8 800	\$8 700	—	\$3 800	—
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	3 667	103	55	147	212	445	431	763	1 211	218	34	48	136
1968	822	—	14	6	7	59	96	244	310	36	11	39	146
1967	559	23	8	—	42	62	51	172	120	29	33	19	135
1965 and 1966	400	7	42	41	7	16	37	103	103	26	—	18	132
1960 to 1964	504	42	50	43	21	91	93	86	62	—	—	16	100
1950 to 1959	304	45	16	27	15	64	20	55	26	7	7	22	89
1949 or earlier	95	—	—	7	6	24	11	14	23	—	—	10	—
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	366	54	15	26	41	91	51	49	39	—	—	—	90
10 to 14 percent	920	58	14	34	24	133	118	217	298	15	9	—	131
15 to 19 percent	894	29	18	22	54	74	81	220	327	64	5	—	143
20 to 24 percent	831	22	26	48	4	120	83	181	271	62	14	—	139
25 to 34 percent	954	17	18	42	37	77	118	250	360	30	5	—	140
35 percent or more	2 096	33	87	122	141	265	240	471	527	153	57	—	130
Not computed	259	5	—	5	4	17	10	20	29	5	—	164	—
<b>AIR CONDITIONING</b>													
Room unit(s)	1 863	28	5	29	49	164	127	456	882	87	—	36	153
Central system	735	—	9	8	—	8	—	112	386	109	85	18	179
None	3 753	192	171	234	261	589	612	869	587	120	—	118	112

<sup>1</sup>Excludes 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]

	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)
<b>Rochester</b>												
<b>Owner occupied housing units</b>	<b>10 698</b>	<b>667</b>	<b>434</b>	<b>468</b>	<b>353</b>	<b>321</b>	<b>402</b>	<b>1 587</b>	<b>3 479</b>	<b>2 274</b>	<b>713</b>	<b>11 600</b>
<b>ROOMS</b>												
1 and 2 rooms	60	5	4	25	—	4	5	12	5	—	—	...
3 rooms	264	70	18	42	24	27	13	22	42	6	—	4 100
4 rooms	1 230	174	114	109	81	58	71	228	285	95	15	7 100
5 rooms	3 495	238	134	166	94	105	168	669	1 275	593	53	10 700
6 rooms	2 363	81	84	79	101	91	64	413	912	475	63	11 500
7 rooms or more	3 286	99	80	47	53	36	81	243	960	1 105	582	15 400
<b>PERSONS</b>												
1 person	1 196	452	142	156	72	61	89	99	81	30	14	3 000
2 persons	2 795	145	219	225	178	165	171	418	663	443	168	9 100
3 and 4 persons	3 778	43	62	71	79	76	97	666	1 492	964	228	12 700
5 persons	1 474	20	5	16	4	19	26	261	624	356	143	13 100
6 persons or more	1 455	7	6	—	20	—	19	143	619	481	160	14 300
Units with roomers, boarders, or lodgers	300	38	40	40	16	32	21	22	46	33	12	5 500
<b>BEDROOMS</b>												
Less than 3	3 051	431	242	326	140	102	255	408	721	364	62	7 200
3	5 248	147	106	125	143	162	201	937	1 963	1 209	255	12 000
4 or more	2 431	42	99	76	40	25	61	174	781	779	354	14 500
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	270	—	16	5	5	—	—	47	103	79	15	13 000
1960 to 1968	2 732	61	10	22	28	47	49	358	1 090	845	222	13 600
1950 to 1959	2 986	91	90	104	59	86	102	412	1 143	698	201	12 400
1949 or earlier	4 710	515	318	337	261	188	251	770	1 143	652	275	8 900
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	1 311	15	19	52	15	13	22	287	565	226	97	12 100
1968	1 039	18	—	11	—	27	17	172	437	283	74	13 100
1960 to 1967	3 965	161	105	81	102	106	113	588	1 368	1 052	289	12 700
1959 or earlier	4 356	463	306	290	239	197	198	571	1 098	702	292	9 500
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	8 703	308	269	238	144	162	370	1 284	3 066	2 232	630	12 600
Clothes dryer	8 043	266	233	161	164	136	321	1 109	2 964	2 099	590	12 800
Dishwasher	2 992	41	20	21	20	39	36	197	938	1 174	506	16 600
Home food freezer	5 650	256	97	161	157	140	172	687	2 147	1 510	343	12 700
Owned second home	640	62	—	59	—	—	45	93	200	145	36	11 500
With air conditioning	4 589	171	164	143	184	107	83	601	1 466	1 155	515	12 900
Room unit(s)	3 226	156	124	119	153	73	64	482	1 144	739	172	11 900
Central system	1 363	15	40	24	31	34	19	119	322	416	343	16 900
Automobiles available:												
1	4 892	252	258	240	268	216	212	1 071	1 571	627	177	9 800
2	4 258	55	39	38	55	73	86	459	1 714	1 314	425	13 900
3 or more	669	11	11	5	7	7	—	41	152	291	144	18 500
<b>Renter occupied housing units</b>	<b>6 348</b>	<b>1 087</b>	<b>513</b>	<b>578</b>	<b>568</b>	<b>434</b>	<b>431</b>	<b>1 073</b>	<b>1 166</b>	<b>455</b>	<b>43</b>	<b>6 000</b>
<b>ROOMS</b>												
1 room	451	139	55	67	62	24	18	54	32	—	—	3 500
2 rooms	947	295	123	112	103	39	65	89	91	26	4	3 500
3 rooms	2 118	440	222	185	192	210	174	260	349	82	4	5 100
4 rooms	1 755	144	63	135	119	105	106	431	449	193	10	8 400
5 rooms	659	24	29	36	58	49	31	155	157	108	12	9 000
6 rooms or more	418	45	21	43	34	7	37	84	88	46	13	7 800
<b>PERSONS</b>												
1 person	2 431	695	285	290	256	193	179	296	172	53	12	3 800
2 persons	1 929	294	126	181	145	95	95	288	489	202	14	7 300
3 and 4 persons	1 600	63	97	92	143	130	126	386	392	158	13	8 200
5 persons	254	35	—	5	19	6	31	65	69	20	4	8 400
6 persons or more	134	—	5	10	5	—	—	38	44	22	—	9 900
Units with roomers, boarders, or lodgers	411	136	46	64	52	21	15	60	12	5	—	3 400
<b>BEDROOMS</b>												
None	710	271	105	81	88	28	46	25	66	—	—	2 800
1	2 819	642	354	214	315	185	224	161	605	119	—	4 600
2	2 184	173	94	105	113	139	147	531	561	299	22	8 800
3 or more	732	111	42	28	104	—	58	186	145	58	—	7 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	362	20	20	24	18	8	36	74	109	53	—	9 200
1960 to 1968	1 818	175	72	136	134	125	124	328	476	216	32	8 300
1950 to 1959	636	56	35	36	39	43	61	137	167	58	4	8 100
1949 or earlier	3 532	836	386	382	377	258	210	534	414	128	7	4 400
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 691	541	299	378	338	259	270	690	652	239	25	6 100
1968	822	70	32	54	52	80	23	225	234	41	11	8 300
1960 to 1967	1 463	269	112	153	162	112	109	185	191	158	12	5 300
1959 or earlier	399	149	47	53	—	15	29	47	37	22	—	3 100
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	<b>6 320</b>	<b>1 081</b>	<b>513</b>	<b>569</b>	<b>564</b>	<b>434</b>	<b>431</b>	<b>1 068</b>	<b>1 162</b>	<b>455</b>	<b>43</b>	<b>6 000</b>
ss than 15 percent	1 286	—	—	36	27	15	60	180	541	393	34	13 000
to 19 percent	894	—	14	21	50	43	64	225	434	43	—	10 300
to 24 percent	831	5	23	53	70	115	66	343	142	5	9	7 700
to 34 percent	954	17	59	107	139	148	192	276	11	5	—	6 000
percent or more	2 096	922	392	332	269	113	28	20	16	4	—	2 300
if computed	259	137	25	20	9	—	—	24	18	5	—	2000—
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	1 789	239	91	116	103	22	149	314	542	213	—	8 700
Clothes dryer	1 609	209	70	67	131	22	127	270	500	213	—	9 000
Dishwasher	683	21	—	20	61	46	85	157	226	45	22	9 100
Home food freezer	637	49	28	—	57	—	59	75	237	132	—	11 100
Owned second home	265	71	—	—	—	—	—	—	—	—	—	—
With air conditioning	2 603	258	150	202	161	163	191	532	617	281	48	8 000
Room unit(s)	1 863	169	89	142	97	130	143	412	476	185	20	8 200
Central system	740	89	61	60	64	33	48	120	141	96	28	7 400
Automobiles available:												
1	3 394	304	158	332	325	284	325	759	660	220	27	6 900
2	1 213	43	57	99	66	57	62	244	345	234	6	9 700
3 or more	192	21	14	30	5	8	—	50	43	6	15	8 100

<sup>1</sup>Excludes 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]

Rochester	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
<b>Owner occupied housing units</b>	<b>10 698</b>	<b>10 645</b>	<b>5 113</b>	<b>5 008</b>	<b>485</b>	<b>39</b>	<b>53</b>	<b>38</b>	<b>15</b>	-
<b>PERSONS</b>										
1 person	1 196	1 179	1 164	15	-	-	17	17	-	-
2 persons	2 795	2 773	2 659	107	-	-	22	16	6	-
3 persons	1 678	1 669	812	848	5	4	9	5	4	-
4 persons	2 100	2 095	358	1 737	-	-	5	-	5	-
5 persons	1 474	1 474	120	1 327	27	-	-	-	-	-
6 persons or more	1 455	1 455	-	974	453	28	-	-	-	-
Median	3.3	3.3	2.0	4.4	6.5	...	...	...	...	...
Units with roomers, boarders, or lodgers	300	300	164	132	4	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	272	272	123	149	-	-	-	-	-	-
1965 to 1968	1 094	1 094	371	703	20	-	-	-	-	-
1960 to 1964	1 654	1 648	485	1 017	140	6	6	6	-	-
1950 to 1959	2 961	2 961	1 180	1 537	225	19	-	-	-	-
1940 to 1949	1 446	1 446	796	578	72	-	-	-	-	-
1939 or earlier	3 244	3 186	2 152	957	57	20	58	36	22	-
<b>INCOME IN 1969</b>										
Less than \$2,000	667	655	613	42	-	-	12	12	-	-
\$2,000 to \$2,999	434	423	379	44	-	-	11	11	-	-
\$3,000 to \$3,999	468	468	384	79	5	-	-	-	-	-
\$4,000 to \$4,999	353	353	257	91	5	-	-	-	-	-
\$5,000 to \$5,999	321	311	227	80	-	4	10	-	10	-
\$6,000 to \$6,999	402	392	271	112	9	-	10	10	-	-
\$7,000 to \$9,999	1 587	1 582	619	912	44	7	5	-	5	-
\$10,000 to \$14,999	3 479	3 479	1 100	2 040	320	19	-	-	-	-
\$15,000 to \$24,999	2 274	2 274	857	1 325	83	9	-	-	-	-
\$25,000 or more	713	708	406	283	19	-	5	5	-	-
Median	\$11 600	\$11 600	\$9 100	\$12 800	\$12 800	...	...	...	...	...
<b>VALUE-INCOME RATIO</b>										
Specified owner occupied <sup>1</sup>	9 416	9 402	4 316	4 593	470	23	14	14	-	-
Less than 1.5	2 502	2 502	1 009	1 328	161	4	-	-	-	-
1.5 to 1.9	2 468	2 468	816	1 475	163	14	-	-	-	-
2.0 to 2.4	1 560	1 560	537	927	91	5	-	-	-	-
2.5 to 2.9	836	836	380	420	36	-	-	-	-	-
3.0 to 3.9	655	655	431	205	19	-	-	-	-	-
4.0 or more	1 349	1 335	1 110	225	-	-	14	14	-	-
Not computed	46	46	33	13	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>										
Steam or hot water	912	901	467	406	21	7	11	5	6	-
Warm-air furnace	9 616	9 582	4 517	4 569	464	32	34	25	9	-
Built-in electric units	31	31	27	4	-	-	-	-	-	-
Floor, wall, or pipeless furnace	41	41	37	4	-	-	-	-	-	-
Other means	98	90	65	25	-	-	8	8	-	-
None	-	-	-	-	-	-	-	-	-	-
<b>Renter occupied housing units</b>	<b>6 348</b>	<b>5 847</b>	<b>2 711</b>	<b>2 853</b>	<b>247</b>	<b>36</b>	<b>501</b>	<b>215</b>	<b>275</b>	<b>-</b>
<b>PERSONS</b>										
1 person	2 431	2 016	1 801	215	-	-	415	210	205	-
2 persons	1 929	1 859	819	1 020	-	20	70	5	54	11
3 persons	1 060	1 050	67	939	44	-	10	-	10	-
4 persons	540	534	17	486	25	6	6	-	6	-
5 persons	254	254	7	140	102	5	-	-	-	-
6 persons or more	134	134	-	53	76	5	-	-	-	-
Median	1.9	2.0	1.3	2.7	5.0	...	1.1	1.0	1.2	...
Units with roomers, boarders, or lodgers	411	387	58	298	27	4	24	-	24	-
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	376	376	160	192	16	8	-	-	-	-
1965 to 1968	995	995	522	450	15	8	-	-	-	-
1960 to 1964	795	795	317	454	22	-	-	-	-	-
1950 to 1959	657	657	172	382	97	6	-	-	-	-
1940 to 1949	422	399	198	186	15	-	23	-	23	-
1939 or earlier	3 130	2 725	1 397	1 189	109	30	405	134	258	13
<b>INCOME IN 1969</b>										
Less than \$2,000	1 087	852	537	282	29	4	235	117	107	11
\$2,000 to \$2,999	513	426	219	189	12	6	87	43	44	-
\$3,000 to \$3,999	578	506	275	216	15	-	72	32	40	-
\$4,000 to \$4,999	568	535	254	252	25	4	33	6	27	-
\$5,000 to \$5,999	434	415	204	196	15	-	19	-	19	-
\$6,000 to \$6,999	431	419	209	179	25	6	12	6	6	-
\$7,000 to \$9,999	1 073	1 045	407	576	46	16	28	5	23	-
\$10,000 to \$14,999	1 166	1 151	389	705	57	-	15	6	9	-
\$15,000 to \$24,999	455	455	191	241	23	-	-	-	-	-
\$25,000 or more	43	43	26	17	-	-	-	-	-	-
Median	\$6 000	\$6 500	\$5 300	\$7 600	\$7 200	...	\$2 200	\$2000-	\$2 700	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	6 320	5 819	2 694	2 842	247	36	501	215	275	11
Less than 10 percent	366	312	116	190	6	-	54	6	48	-
10 to 14 percent	920	871	346	482	43	-	49	11	38	-
15 to 19 percent	894	848	363	434	51	-	46	16	30	-
20 to 24 percent	831	786	357	402	22	5	45	28	17	-
25 to 34 percent	954	910	397	455	35	23	44	16	28	-
35 percent or more	2 096	1 862	1 013	757	84	8	234	128	95	11
Not computed	259	230	102	122	6	-	29	10	19	-
<b>HEATING EQUIPMENT</b>										
Steam or hot water	2 553	2 358	1 294	983	62	19	195	89	100	6
Warm-air furnace	3 449	3 182	1 265	1 720	180	17	267	107	155	5
Built-in electric units	87	87	44	43	-	-	-	-	-	-
Floor, wall, or pipeless furnace	72	72	45	27	-	-	-	-	-	-
Other means	187	148	63	80	5	-	39	19	20	-
None	-	-	-	-	-	-	-	-	-	-

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

<sup>2</sup>Excludes 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]

<b>Rochester</b>	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	<b>10 698</b>	<b>26</b>	<b>34</b>	<b>264</b>	<b>1 230</b>	<b>3 495</b>	<b>2 363</b>	<b>1 627</b>	<b>1 659</b>	<b>5.6</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	10 582	31	32	245	1 148	3 401	2 343	1 605	1 777	5.7
<b>PERSONS</b>										
1 person	1 196	15	24	146	300	401	197	64	49	4.8
2 persons	2 795	7	5	108	636	970	534	325	210	5.2
3 persons	1 678	4	5	10	156	686	370	254	193	5.5
4 persons	2 100	-	-	-	86	698	531	427	358	6.0
5 persons	1 474	-	-	-	27	463	385	258	341	6.1
6 persons or more	1 455	-	-	-	25	277	346	299	508	6.8
Median	3.3	...	...	1.4	2.0	3.0	3.7	3.9	4.6	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>10 645</b>	<b>26</b>	<b>34</b>	<b>250</b>	<b>1 209</b>	<b>3 486</b>	<b>2 354</b>	<b>1 627</b>	<b>1 659</b>	<b>5.6</b>
0.50 or less	5 113	-	24	138	920	1 366	1 092	643	930	5.6
0.51 to 1.00	5 008	15	5	112	237	1 843	1 142	950	704	5.8
1.01 to 1.50	485	-	5	-	47	254	120	34	25	5.3
1.51 or more	39	11	-	-	5	23	-	-	-	...
<b>Lacking some or all plumbing facilities</b>	<b>53</b>	<b>-</b>	<b>-</b>	<b>14</b>	<b>21</b>	<b>9</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>...</b>
0.50 or less	38	-	-	8	16	5	9	-	-	...
0.51 to 1.00	15	-	-	6	5	4	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1	439	-	45	111	221	20	42	-	-	3.8
2	2 612	-	-	109	1 080	1 157	206	60	-	4.6
3	5 248	-	-	-	25	2 441	1 674	734	374	5.6
4 or more	2 431	-	-	-	-	170	315	947	999	7.3
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	270	-	-	-	41	67	27	50	85	6.5
1960 to 1968	2 732	-	5	26	135	887	570	550	559	6.0
1950 to 1959	2 986	-	10	45	257	1 268	636	348	422	5.4
1949 or earlier	4 710	26	19	193	797	1 273	1 130	679	593	5.5
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	7 939	31	32	222	1 105	3 033	1 919	958	639	5.4
2 or more	2 643	-	-	23	43	368	424	647	1 138	7.2
None or also used by another household	89	-	-	30	28	19	12	-	-	...
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>9 416</b>	<b>10</b>	<b>5</b>	<b>78</b>	<b>831</b>	<b>3 188</b>	<b>2 192</b>	<b>1 555</b>	<b>1 557</b>	<b>5.8</b>
Less than 1.5	2 502	-	-	10	230	826	506	488	442	5.9
1.5 to 1.9	2 468	-	5	-	151	863	618	398	433	5.8
2.0 to 2.9	2 396	5	-	19	145	793	580	420	434	5.9
3.0 or more	2 004	5	-	49	297	692	476	237	248	5.4
Not computed	46	-	-	-	8	14	12	12	-	...
<b>Renter occupied housing units</b>	<b>6 348</b>	<b>451</b>	<b>947</b>	<b>2 118</b>	<b>1 755</b>	<b>659</b>	<b>227</b>	<b>92</b>	<b>99</b>	<b>3.3</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	5 733	179	793	1 991	1 761	611	232	84	82	3.5
<b>PERSONS</b>										
1 person	2 431	420	603	1 077	226	63	10	12	20	2.7
2 persons	1 929	31	294	780	614	135	51	13	11	3.3
3 persons	1 060	-	44	231	508	210	45	4	18	4.0
4 persons	540	-	6	25	295	113	58	26	17	4.3
5 persons	254	-	-	5	102	77	37	21	12	4.8
6 persons or more	134	-	-	-	10	61	26	16	21	5.4
Median	1.9	1.0	1.3	1.5	2.6	3.1	3.6	...	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>5 847</b>	<b>235</b>	<b>803</b>	<b>1 992</b>	<b>1 740</b>	<b>659</b>	<b>227</b>	<b>92</b>	<b>99</b>	<b>3.4</b>
0.50 or less	2 711	-	465	1 005	835	198	106	29	73	3.4
0.51 to 1.00	2 853	215	288	957	793	400	111	63	26	3.5
1.01 to 1.50	247	-	44	25	107	61	10	-	-	4.0
1.51 or more	36	20	6	5	5	-	-	-	-	...
<b>Lacking some or all plumbing facilities</b>	<b>501</b>	<b>216</b>	<b>144</b>	<b>126</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.7</b>
0.50 or less	215	-	138	72	5	-	-	-	-	2.3
0.51 to 1.00	275	205	6	54	10	-	-	-	-	1.2
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	11	11	-	-	-	-	-	-	-	...
<b>BEDROOMS</b>										
None	710	380	226	104	-	-	-	-	-	1.4
1	2 819	-	810	1 750	259	-	-	-	-	2.8
2	2 184	-	-	161	1 422	558	22	-	21	4.2
3 or more	732	-	-	-	44	267	211	102	108	5.8
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	362	6	48	142	140	26	-	-	-	3.4
1960 to 1968	1 818	55	267	628	661	145	29	17	16	3.4
1950 to 1959	636	10	56	177	229	120	29	4	11	3.8
1949 or earlier	3 532	380	576	1 171	725	368	169	71	72	3.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	5 671	253	787	1 983	1 763	547	204	77	57	3.4
2 or more	164	-	6	21	5	64	28	15	25	5.3
None or also used by another household	540	233	127	142	38	-	-	-	-	1.8
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>6 320</b>	<b>451</b>	<b>947</b>	<b>2 114</b>	<b>1 746</b>	<b>659</b>	<b>221</b>	<b>92</b>	<b>90</b>	<b>3.3</b>
Less than 10 percent	366	61	37	87	95	61	20	5	-	3.5
10 to 14 percent	920	93	83	294	329	76	14	5	5	3.5
15 to 19 percent	894	46	113	211	314	152	37	15	6	3.7
20 to 24 percent	831	44	88	252	331	55	46	10	5	3.6
25 to 34 percent	954	55	108	404	202	129	30	7	19	3.3
35 percent or more	2 096	137	473	804	429	161	47	23	22	3.0
Not computed	259	15	45	62	46	25	15	18	33	3.7

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

<sup>2</sup>Excludes 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]

Rochester	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
<b>All occupied housing units</b> .....	10 698	9 526	1 006	166	6 348	875	1 154	1 288	1 133	829	1 063	6
<b>ROOMS</b> .....												
1 room .....	26	10	16	-	451	12	-	49	156	111	123	-
2 rooms .....	34	5	19	10	947	28	80	151	215	159	308	6
3 rooms .....	264	84	139	41	2 118	98	410	444	429	360	377	-
4 rooms .....	1 230	831	314	85	1 755	171	439	537	279	161	168	-
5 rooms .....	3 495	3 204	266	25	659	263	191	78	31	28	68	-
6 rooms .....	2 363	2 204	154	5	227	156	34	23	-	-	14	-
7 rooms .....	1 627	1 571	56	-	92	69	-	-	18	5	-	-
8 rooms or more .....	1 659	1 617	42	-	99	78	-	6	5	5	5	-
Median .....	5.6	5.8	4.6	3.9	3.3	5.0	3.7	3.5	3.0	2.9	2.8	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b> .....												
<b>With all plumbing facilities</b> .....	10 645	9 512	972	161	5 847	865	1 128	1 166	951	732	999	6
0.50 or less .....	5 113	4 390	633	90	2 711	330	483	527	390	411	570	-
0.51 to 1.00 .....	5 008	4 629	313	66	2 853	472	587	588	505	289	406	6
1.01 to 1.50 .....	485	470	10	5	247	58	58	51	52	16	12	-
1.51 or more .....	39	23	16	-	36	5	-	-	4	16	11	-
<b>Lacking some or all plumbing facilities</b> .....	53	14	34	5	501	10	26	122	182	97	64	-
0.50 or less .....	38	14	19	5	215	10	21	71	42	43	28	-
0.51 to 1.00 .....	15	-	15	-	275	-	5	51	140	54	25	-
1.01 to 1.50 .....	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more .....	-	-	-	-	11	-	-	-	-	-	11	-
<b>BEDROOMS</b> .....												
None .....	45	20	25	-	710	28	28	46	210	99	299	-
1 .....	394	151	218	25	2 819	92	401	675	635	498	518	-
2 .....	2 612	2 058	438	116	2 184	279	536	472	414	194	289	-
3 .....	5 248	5 047	161	40	597	334	107	113	43	-	-	-
4 or more .....	2 431	2 309	122	-	135	114	-	-	-	21	-	-
<b>YEAR STRUCTURE BUILT</b> .....												
1969 to March 1970 .....	270	225	-	45	362	4	5	56	11	55	231	-
1965 to 1968 .....	1 086	1 017	32	37	1 050	21	64	212	220	129	404	-
1960 to 1964 .....	1 646	1 507	105	34	768	77	101	200	163	119	102	6
1950 to 1959 .....	2 986	2 778	158	50	636	151	206	64	103	112	-	-
1940 to 1949 .....	1 487	1 370	117	-	402	125	99	85	62	31	-	-
1939 or earlier .....	3 223	2 629	594	-	3 130	497	679	671	574	383	326	-
<b>INCOME IN 1969</b> .....												
Less than \$2,000 .....	667	519	129	19	1 087	95	146	243	248	158	191	6
\$2,000 to \$2,999 .....	434	352	72	10	513	46	80	66	113	115	93	-
\$3,000 to \$3,999 .....	468	367	75	26	578	82	66	139	126	72	93	-
\$4,000 to \$4,999 .....	353	304	34	15	568	67	111	110	141	49	90	-
\$5,000 to \$5,999 .....	321	237	79	5	434	42	153	66	64	62	47	-
\$6,000 to \$6,999 .....	402	328	64	10	431	63	67	85	78	88	50	-
\$7,000 to \$9,999 .....	1 587	1 401	162	24	1 073	204	223	195	162	90	199	-
\$10,000 to \$14,999 .....	3 479	3 178	244	57	1 166	197	227	259	142	145	196	-
\$15,000 to \$24,999 .....	2 274	2 162	112	-	455	68	81	119	59	50	78	-
\$25,000 or more .....	713	678	35	-	43	11	-	6	-	-	26	-
Median .....	\$11 600	\$12 000	\$7 900	\$6 800	\$6 000	\$7 600	\$6 300	\$6 200	\$4 600	\$5 300	\$6 400	...
<b>YEAR MOVED INTO UNIT</b> .....												
1969 to March 1970 .....	1 311	1 178	47	86	3 691	473	719	762	627	487	623	-
1968 .....	1 039	972	48	19	822	163	164	201	113	68	113	-
1967 .....	846	757	83	6	559	39	112	132	80	59	137	-
1965 and 1966 .....	1 132	1 063	62	7	400	72	55	82	88	47	56	-
1960 to 1964 .....	1 987	1 799	169	19	504	85	96	71	69	117	59	7
1950 to 1959 .....	2 563	2 282	268	13	297	41	36	39	60	80	41	-
1949 or earlier .....	1 793	1 481	305	7	102	12	13	19	16	7	35	-
<b>GROSS RENT</b> .....												
<b>Specified renter occupied<sup>1</sup></b> .....	...	...	...	...	6 320	847	1 154	1 288	1 133	829	1 063	6
Less than \$50 .....	...	...	...	...	218	5	12	40	96	40	25	-
\$50 to \$59 .....	...	...	...	...	178	17	19	18	74	38	12	-
\$60 to \$69 .....	...	...	...	...	299	11	59	93	54	57	25	-
\$70 to \$79 .....	...	...	...	...	305	32	81	64	43	65	20	-
\$80 to \$99 .....	...	...	...	...	777	74	206	171	144	118	64	-
\$100 to \$119 .....	...	...	...	...	701	113	200	127	90	112	53	6
\$120 to \$149 .....	...	...	...	...	1 408	153	275	316	335	144	185	-
\$150 to \$199 .....	...	...	...	...	1 851	225	237	418	268	214	489	-
\$200 to \$299 .....	...	...	...	...	329	119	44	30	29	23	84	-
\$300 or more .....	...	...	...	...	90	-	6	-	-	5	79	-
No cash rent .....	...	...	...	...	164	98	15	11	-	13	27	-
Median .....	...	...	...	...	\$133	\$144	\$119	\$132	\$126	\$116	\$164	...
<b>HEATING EQUIPMENT</b> .....												
Steam or hot water .....	912	696	216	-	2 553	62	185	615	603	496	592	-
Warm-air furnace .....	9 616	8 701	758	157	3 449	719	915	624	466	302	423	-
Built-in electric units .....	31	19	12	-	87	11	-	18	10	17	31	-
Floor, wall, or pipeless furnace .....	41	41	-	-	72	6	24	15	18	9	-	-
Other means .....	98	69	20	9	187	77	30	16	36	5	17	6
None .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>AIR CONDITIONING</b> .....												
Room unit(s) .....	3 226	2 851	355	20	1 863	172	281	418	386	187	412	7
Central system .....	1 363	1 277	67	19	740	49	44	41	24	189	393	-
None .....	6 082	5 404	560	118	3 772	664	870	847	643	489	259	-
<b>AUTOMOBILES AVAILABLE</b> .....												
1 .....	4 892	4 263	539	90	3 394	484	664	675	514	463	587	7
2 .....	4 258	3 950	269	39	1 213	221	231	282	201	92	186	-
3 or more .....	669	663	6	-	192	44	39	53	21	23	12	-
None .....	852	656	168	28	1 576	136	261	296	317	287	279	-

<sup>1</sup>Excludes 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]

Rochester	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		
<b>Owner occupied housing units</b>	10 698	197	2 170	2 197	2 957	1 021	175	62	464	259	536	660
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	10 645	197	2 170	2 197	2 937	1 005	175	62	464	259	531	648
0.50 or less	5 113	94	424	374	1 563	863	87	52	286	206	526	638
0.51 to 1.00	5 008	98	1 640	1 539	1 281	138	72	10	169	46	5	10
1.01 to 1.50	485	5	97	274	84	-	16	-	9	-	-	-
1.51 or more	39	-	9	10	9	4	-	-	-	7	-	-
Lacking some or all plumbing facilities	53	-	-	-	20	16	-	-	-	-	5	12
0.50 or less	38	-	-	-	5	16	-	-	-	-	5	12
0.51 to 1.00	15	-	-	-	15	-	-	-	-	-	-	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	9 526	170	2 060	2 128	2 647	904	147	51	381	210	351	477
2 or more	1 006	12	74	64	270	107	23	11	78	49	149	169
Mobile home or trailer	166	15	36	5	40	10	5	-	5	-	36	14
<b>INCOME IN 1969</b>												
Less than \$2,000	667	-	9	17	27	69	5	17	39	32	108	344
\$2,000 to \$2,999	434	-	-	16	21	177	5	-	38	35	32	110
\$3,000 to \$3,999	468	5	-	12	37	170	5	-	34	49	81	75
\$4,000 to \$4,999	353	-	18	4	50	113	10	-	58	28	46	26
\$5,000 to \$5,999	321	7	28	9	52	86	5	5	33	35	46	15
\$6,000 to \$6,999	402	12	43	50	79	65	10	5	45	4	57	32
\$7,000 to \$9,999	1 587	70	510	224	403	145	10	15	74	37	72	27
\$10,000 to \$14,999	3 479	63	1 078	879	1 071	114	55	10	110	18	64	17
\$15,000 to \$24,999	2 274	36	435	753	864	58	48	5	24	21	16	14
\$25,000 or more	713	4	49	233	353	24	22	5	9	-	14	-
Median	\$11 600	\$10 400	\$12 200	\$14 400	\$13 800	\$4 800	\$13 400	...	\$6 700	\$4 500	\$5 000	\$2000-
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	9 416	170	2 045	2 109	2 609	891	147	51	369	210	338	477
Less than 1.5	2 502	34	326	641	1 221	97	45	10	64	33	19	12
1.5 to 1.9	2 468	58	754	706	670	98	38	5	67	31	26	15
2.0 to 2.4	1 560	46	515	448	294	118	18	11	35	11	40	24
2.5 to 2.9	836	15	248	137	188	73	21	10	38	17	67	22
3.0 to 3.9	655	10	140	99	126	150	10	-	52	25	28	15
4.0 or more	1 349	7	62	71	110	355	15	15	103	93	142	376
Not computed	46	-	-	7	-	-	-	-	10	-	16	13
<b>Renter occupied housing units</b>	6 348	618	1 134	260	328	165	323	5	1 006	78	1 606	825
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	5 847	618	1 128	260	323	160	292	-	972	78	1 344	672
0.50 or less	2 711	107	245	41	136	79	78	-	198	26	1 181	620
0.51 to 1.00	2 853	491	761	173	181	81	190	-	709	52	163	52
1.01 to 1.50	247	15	105	40	6	-	20	-	61	-	-	-
1.51 or more	36	5	17	6	-	-	4	-	4	-	-	-
Lacking some or all plumbing facilities	501	-	6	-	5	5	31	5	34	-	262	153
0.50 or less	215	-	-	-	5	5	-	-	-	-	95	115
0.51 to 1.00	275	-	6	-	5	-	25	5	29	-	167	38
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	11	-	-	-	-	-	6	-	5	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	875	72	239	116	83	5	47	-	114	12	94	93
2 to 4	2 442	324	519	85	135	61	151	-	463	31	439	224
5 to 19	1 962	174	238	49	52	57	75	5	322	24	686	280
20 or more	1 063	38	138	10	58	42	44	-	107	11	387	228
Mobile home or trailer	6	-	-	-	-	-	6	-	-	-	-	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	6 320	613	1 134	260	324	165	323	5	1 000	78	1 593	825
Less than \$50	218	6	6	-	-	-	-	-	-	-	140	66
\$50 to \$59	178	-	-	6	5	-	10	-	10	-	99	48
\$60 to \$69	299	17	4	5	6	4	-	5	7	4	151	96
\$70 to \$79	305	11	33	12	11	10	21	-	39	-	110	58
\$80 to \$99	777	78	49	17	36	22	19	-	109	7	312	128
\$100 to \$119	701	115	75	28	36	4	46	-	157	9	158	73
\$120 to \$149	1 408	148	293	63	57	41	82	-	243	10	321	150
\$150 to \$199	1 851	222	547	71	122	28	81	-	391	38	265	86
\$200 to \$299	329	6	100	42	4	5	54	-	39	5	11	63
\$300 or more	90	-	6	-	29	24	-	-	-	-	9	22
No cash rent	164	10	21	16	18	27	10	-	5	5	17	35
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	6 320	613	1 134	260	324	165	323	5	1 000	78	1 593	825
Less than \$5,000	2 727	133	63	26	36	95	171	5	645	40	805	708
Less than 20 percent	148	-	-	-	-	-	5	-	11	-	100	25
20 to 24 percent	151	11	-	-	-	-	-	-	-	-	95	27
25 to 34 percent	322	17	12	5	-	6	4	5	10	4	156	33
35 percent or more	1 915	95	35	21	36	70	17	-	71	-	401	588
Not computed	191	10	9	-	-	19	124	-	514	31	53	35
\$5,000 to \$9,999	1 933	285	426	76	73	22	21	-	39	5	571	97
Less than 20 percent	587	74	95	36	34	4	57	-	298	28	280	14
20 to 24 percent	524	122	113	11	22	4	10	-	40	4	152	15
25 to 34 percent	616	74	163	15	6	10	31	-	68	6	109	48
35 percent or more	161	15	39	4	5	5	11	-	142	18	30	20
Not computed	45	-	16	10	6	8	5	-	43	-	-	-
\$10,000 to \$14,999	1 162	152	482	83	115	29	72	-	52	5	152	20
Less than 20 percent	975	142	394	59	108	14	54	-	52	-	143	9
20 to 24 percent	142	10	71	18	-	5	18	-	-	5	9	6
25 percent or more	27	-	12	-	-	10	-	-	-	-	5	5
Not computed	18	-	5	6	7	-	-	-	-	-	-	-
\$15,000 or more	498	43	163	75	100	19	23	-	5	5	65	-
Less than 20 percent	470	43	163	75	86	10	23	-	5	5	60	-
20 to 24 percent	14	-	-	-	9	5	-	-	-	-	-	-
25 percent or more	9	-	-	-	-	4	-	-	-	-	-	-
Not computed	5	-	-	-	5	-	-	-	-	-	-	-

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

<sup>2</sup>Excludes 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)

<b>Rochester</b>	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>10 698</b>	<b>1 196</b>	<b>2 795</b>	<b>1 678</b>	<b>2 100</b>	<b>1 474</b>	<b>907</b>	<b>361</b>	<b>187</b>	<b>3.3</b>
<b>BEDROOMS</b>										
None and 1	439	261	178	-	-	-	-	-	-	1.3
2	2 612	534	1 421	463	136	58	-	-	-	2.0
3	5 248	196	1 117	933	1 479	1 018	384	101	20	3.8
4 or more	2 431	73	278	168	419	495	551	244	203	5.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	270	5	39	73	62	61	25	5	-	3.8
1965 to 1968	1 086	32	180	136	317	246	132	38	5	4.1
1960 to 1964	1 646	51	243	247	436	347	212	65	45	4.1
1950 to 1959	2 986	169	713	575	656	416	276	107	74	3.6
1940 to 1949	1 487	235	475	231	200	141	122	67	16	2.6
1939 or earlier	3 223	704	1 145	416	429	263	140	79	47	2.3
<b>UNITS IN STRUCTURE</b>										
1	9 526	828	2 402	1 492	1 954	1 437	879	352	182	3.5
2 or more	1 006	318	338	152	119	37	28	9	5	2.0
Mobile home or trailer	166	50	55	34	27	-	-	-	-	2.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	7 939	1 031	2 242	1 285	1 562	1 000	510	195	114	3.0
2 and 2 1/2	2 321	124	399	369	479	428	345	124	53	4.1
3 or more	322	6	48	40	75	55	47	38	13	4.4
None or also used by another household	89	39	31	12	7	-	-	-	-	...
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>9 502</b>		<b>2 795</b>	<b>1 678</b>	<b>2 100</b>	<b>1 474</b>	<b>907</b>	<b>361</b>	<b>187</b>	<b>3.6</b>
Male head, wife present, no nonrelatives	8 542	-	2 282	1 474	1 949	1 433	886	336	182	3.8
Under 25 years	197	-	72	67	49	5	4	-	-	2.9
25 to 34 years	2 170	-	177	391	726	549	250	53	24	4.2
35 to 44 years	2 197	-	107	192	496	591	490	197	124	5.0
45 to 64 years	2 957	-	1 081	709	628	282	137	86	34	3.1
65 years and over	1 021	-	845	115	50	6	5	-	-	2.1
Other male head	237	-	97	62	35	10	16	12	5	2.8
Under 65 years	175	-	61	42	35	4	16	12	5	3.1
65 years and over	62	-	36	20	-	6	-	-	-	...
Female head	723	-	416	142	116	31	5	13	-	2.4
Under 65 years	464	-	239	97	85	25	5	13	-	2.5
65 years and over	259	-	177	45	31	6	-	-	-	2.2
<b>One-person households</b>	<b>1 196</b>	<b>1 196</b>								<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>9 416</b>	<b>815</b>	<b>2 374</b>	<b>1 469</b>	<b>1 933</b>	<b>1 417</b>	<b>874</b>	<b>352</b>	<b>182</b>	<b>3.5</b>
Less than 1.5	2 502	31	601	528	546	373	234	125	64	3.7
1.5 to 1.9	2 468	41	483	382	655	437	297	115	58	4.0
2.0 to 2.4	1 560	64	309	214	347	345	181	59	41	4.1
2.5 to 2.9	836	89	216	109	175	97	113	27	10	3.5
3.0 to 3.9	655	43	280	105	96	81	22	19	9	2.5
4.0 or more	1 349	518	481	131	114	78	27	-	-	1.8
Not computed	46	29	4	-	-	6	-	7	-	...
<b>Renter occupied housing units</b>	<b>6 348</b>	<b>2 431</b>	<b>1 929</b>	<b>1 060</b>	<b>540</b>	<b>254</b>	<b>91</b>	<b>38</b>	<b>5</b>	<b>1.9</b>
<b>BEDROOMS</b>										
None	710	626	84	-	-	-	-	-	-	1.1
1	2 819	1 592	891	336	-	-	-	-	-	1.4
2	2 184	175	680	786	447	74	-	22	-	2.8
3 or more	732	28	108	84	173	238	80	21	-	4.3
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	362	97	152	89	13	11	-	-	-	2.1
1965 to 1968	1 050	364	486	132	52	6	5	5	-	1.8
1960 to 1964	768	166	279	176	89	53	5	-	-	2.3
1950 to 1959	636	137	116	154	119	76	29	5	-	2.9
1940 to 1949	402	168	81	74	52	7	15	5	-	1.9
1939 or earlier	3 130	1 499	815	435	215	101	37	23	5	1.6
<b>UNITS IN STRUCTURE</b>										
1	875	187	127	176	187	94	74	25	5	3.2
2	1 154	291	388	307	99	54	7	8	-	2.2
3 and 4	1 288	372	520	235	121	35	5	-	-	2.0
5 to 9	1 133	498	323	178	86	43	5	-	-	1.7
10 to 19	829	468	248	71	32	5	-	5	-	1.4
20 or more	1 063	615	317	93	15	23	-	-	-	1.4
Mobile home or trailer	6	-	6	-	-	-	-	-	-	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	5 671	2 027	1 828	1 000	468	219	85	37	7	1.9
2 or more	164	37	53	16	36	-	22	-	-	2.3
None or also used by another household	540	376	117	21	8	18	-	-	-	1.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>3 917</b>		<b>1 929</b>	<b>1 060</b>	<b>540</b>	<b>254</b>	<b>91</b>	<b>38</b>	<b>5</b>	<b>2.5</b>
Male head, wife present, no nonrelatives	2 505	-	1 096	714	399	193	75	28	-	2.7
Under 25 years	618	-	340	206	49	13	5	5	-	2.4
25 to 34 years	1 134	-	339	384	251	120	32	8	-	3.1
35 to 44 years	260	-	63	35	59	50	38	15	-	4.0
45 to 64 years	328	-	206	72	40	10	-	-	-	2.3
65 years and over	165	-	148	17	-	-	-	-	-	2.1
Other male head	328	-	201	55	45	21	6	-	-	2.3
Under 65 years	323	-	196	55	45	21	6	-	-	2.3
65 years and over	5	-	5	-	-	-	-	-	-	...
Female head	1 084	-	632	291	96	40	10	10	5	2.4
Under 65 years	1 006	-	564	286	96	40	5	10	5	2.4
65 years and over	78	-	68	5	-	-	5	-	-	...
<b>One-person households</b>	<b>2 431</b>	<b>2 431</b>								<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>6 320</b>	<b>2 418</b>	<b>1 925</b>	<b>1 055</b>	<b>540</b>	<b>248</b>	<b>91</b>	<b>38</b>	<b>5</b>	<b>1.9</b>
Less than 10 percent	366	114	127	87	34	4	-	-	-	2.0
10 to 14 percent	920	270	355	155	78	34	28	-	-	2.0
15 to 19 percent	894	247	273	178	99	65	14	18	-	2.2
20 to 24 percent	831	304	215	154	105	28	15	10	-	2.0
25 to 34 percent	954	356	273	179	106	31	4	5	-	1.9
35 percent or more	2 096	1 039	605	262	96	65	19	5	5	1.5
Not computed	259	88	77	40	22	21	11	-	-	2.0

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

<sup>2</sup>Excludes 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]

Rochester					Rochester				
	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
<b>Vacant for sale</b> .....	152	93	38	21	<b>Vacant for rent</b> .....	629	370	168	91
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	13	4	-	9	1 room .....	74	56	18	-
4 rooms .....	8	4	-	4	2 rooms .....	151	74	41	36
5 rooms .....	45	22	19	4	3 rooms .....	205	125	38	42
6 rooms .....	16	11	5	-	4 rooms .....	182	98	71	13
7 rooms or more .....	70	52	14	4	5 rooms .....	13	13	-	-
					6 rooms .....	4	4	-	-
					7 rooms or more .....	-	-	-	-
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
With all plumbing facilities .....	121	62	38	21	With all plumbing facilities .....	579	342	150	87
Lacking some or all plumbing facilities .....	31	31	-	-	Lacking some or all plumbing facilities .....	50	28	18	4
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None and 1 .....	15	-	-	15	None .....	120	72	48	-
2 .....	-	-	-	-	1 .....	296	186	-	110
3 .....	94	62	32	-	2 .....	239	86	129	24
4 or more .....	78	47	31	-	3 or more .....	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1969 to March 1970 .....	86	58	28	-	1969 to March 1970 .....	91	65	17	9
1960 to 1968 .....	15	15	-	-	1960 to 1968 .....	239	123	86	30
1950 to 1959 .....	22	12	10	-	1950 to 1959 .....	65	30	35	-
1949 or earlier .....	29	8	-	21	1949 or earlier .....	234	152	30	52
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1 .....	135	89	38	8	1 .....	20	16	-	4
2 or more .....	17	4	-	13	2 to 4 .....	134	92	17	25
					5 to 9 .....	145	94	51	-
					10 to 19 .....	116	51	48	17
					20 or more .....	214	117	52	45
<b>HEATING EQUIPMENT</b>					<b>HEATING EQUIPMENT</b>				
Steam or hot water .....	9	4	5	-	1 .....	20	16	-	4
Warm-air furnace .....	139	89	33	17	2 to 4 .....	134	92	17	25
Built-in electric units .....	-	-	-	-	5 to 9 .....	145	94	51	-
Floor, wall, or pipeless furnace .....	-	-	-	-	10 to 19 .....	116	51	48	17
Other means .....	4	-	-	4	20 or more .....	214	117	52	45
None .....	-	-	-	-					
<b>SALES PRICE ASKED</b>					<b>RENT ASKED</b>				
<b>Specified vacant for sale<sup>1</sup></b> .....	135	89	38	8	<b>Specified vacant for rent<sup>2</sup></b> .....	629	370	168	91
Less than \$5,000 .....	-	-	-	-	Less than \$50 .....	51	30	17	4
\$5,000 to \$9,999 .....	4	-	-	4	\$50 to \$59 .....	20	12	-	8
\$10,000 to \$14,999 .....	-	-	-	-	\$60 to \$79 .....	62	46	8	8
\$15,000 to \$19,999 .....	8	4	-	4	\$80 to \$99 .....	38	29	5	4
\$20,000 to \$24,999 .....	40	21	19	-	\$100 to \$119 .....	60	33	4	23
\$25,000 to \$34,999 .....	44	30	14	-	\$120 to \$149 .....	113	68	21	24
\$35,000 to \$49,999 .....	19	19	-	-	\$150 to \$199 .....	194	113	67	14
\$50,000 or more .....	20	15	5	-	\$200 or more .....	91	39	46	6
Median price asked .....	\$28 500	...	...	...	Median rent asked .....	\$142	\$135	\$172	...

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

Rochester	Sales price asked - Vacant for sale <sup>1</sup>							Rent asked - Vacant for rent <sup>2</sup>						
	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
<b>Total</b> .....	135	4	-	8	40	44	39	629	71	62	38	173	194	91
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	126	-	-	-	64	16	46	583	48	71	-	132	207	125
Lacking some or all plumbing facilities .....	46	-	-	-	-	46	-	72	24	24	24	-	-	-
<b>BEDROOMS</b>														
None and 1 .....	-	-	-	-	-	-	-	416	72	95	24	85	82	58
2 .....	-	-	-	-	-	-	-	239	-	-	-	47	125	67
3 .....	94	-	-	-	32	62	-	-	-	-	-	-	-	-
4 or more .....	78	-	-	-	32	-	46	-	-	-	-	-	-	-
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	86	-	-	-	18	35	33	91	-	-	-	-	73	18
1960 to 1968 .....	15	-	-	-	11	4	-	239	-	-	9	77	80	73
1950 to 1959 .....	22	-	-	-	11	5	6	65	-	-	-	32	33	-
1949 or earlier .....	12	4	-	8	-	-	-	234	71	62	29	64	8	-
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	20	-	3	4	4	9	-
2 to 4 .....	...	...	...	...	...	...	...	134	8	20	25	38	43	-
5 to 19 .....	...	...	...	...	...	...	...	261	63	12	9	68	105	4
20 or more .....	...	...	...	...	...	...	...	214	-	27	-	63	37	87
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	229	63	44	29	30	8	55
Some or no utilities included .....	...	...	...	...	...	...	...	400	8	18	9	143	186	36

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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

<b>GENERAL</b> .....	App-2
Self-enumeration and census questionnaire .....	App-2
Comparability with 1960 data ..	App-2
<b>LIVING QUARTERS</b> .....	App-3
Housing units .....	App-3
Group quarters .....	App-3
Rules for mobile homes, hotels, rooming houses, etc. ....	App-3
Institutions .....	App-4
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b> .....	App-4
Occupied housing units .....	App-4
Race .....	App-4
Spanish heritage .....	App-4
Tenure .....	App-4
Year moved into unit .....	App-4
Vacant housing units .....	App-4
Vacancy status .....	App-5
Duration of vacancy .....	App-5
<b>UTILIZATION CHARACTERISTICS</b> .....	App-5
Persons .....	App-5
Rooms .....	App-5
Persons per room .....	App-5
Bedrooms .....	App-5
<b>STRUCTURAL AND PLUMBING CHARACTERISTICS</b> .....	App-5
Direct access .....	App-5
Complete kitchen facilities ....	App-5
Year structure built .....	App-6
Units in structure .....	App-6
Elevator in structure .....	App-6
Plumbing facilities .....	App-6
Complete bathrooms .....	App-6
<b>EQUIPMENT, FUELS, AND APPLIANCES</b> .....	App-6
Heating equipment .....	App-6
Air conditioning .....	App-7
Automobiles available .....	App-7
Automatic clothes washing machine .....	App-7
Clothes dryer .....	App-7
Dishwasher .....	App-7
Home food freezer .....	App-7
Owned second home .....	App-7
<b>FINANCIAL CHARACTERISTICS</b> .....	App-7
Value .....	App-7
Sales price asked .....	App-7

Gross rent .....	App-8
Rent asked .....	App-8
Value-income ratio .....	App-8
Gross rent as percentage of income .....	App-8

<b>HOUSEHOLD CHARACTERISTICS</b> .....	App-8
Head of household .....	App-8
Household composition .....	App-8
Nonrelative .....	App-9
Family or primary individual ...	App-9
Income in 1969 .....	App-9

<b>FACSIMILES</b> .....	App-10
Housing Pages in the 1970 Census Questionnaires .....	App-10
Respondent Instructions for the Housing Questions in the 1970 Census .....	App-13

### 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><b>A.</b> 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><b>H1.</b> Is there a telephone on which people in your living quarters can be called?</p> <p> <input type="radio"/> Yes — What is the number? _____  <input type="radio"/> No         </p> <p><b>H2.</b> 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><b>H3.</b> 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><b>H4.</b> 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><b>H5.</b> 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><b>H6.</b> 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><b>H7.</b> 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><b>H8.</b> 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><b>H9.</b> 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><b>H10a.</b> 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>b.</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><b>H11.</b> 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  <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> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> <p><b>H12.</b> Answer this question if you pay rent for your living quarters.</p> <p><b>a.</b> 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  <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>b.</b> If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____ (Nearest dollar) (Week, half-month, year, etc.)</p>	<p style="text-align: center;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">a4. Block number</th> <th style="width: 50%;">a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0 0 0 0</td><td>0 0 0 0</td></tr> <tr><td>1 0 0 0</td><td>1 0 0 0</td></tr> <tr><td>2 0 0 0</td><td>2 0 0 0</td></tr> <tr><td>3 0 0 0</td><td>3 0 0 0</td></tr> <tr><td>4 0 0 0</td><td>4 0 0 0</td></tr> <tr><td>5 0 0 0</td><td>5 0 0 0</td></tr> <tr><td>6 0 0 0</td><td>6 0 0 0</td></tr> <tr><td>7 0 0 0</td><td>7 0 0 0</td></tr> <tr><td>8 0 0 0</td><td>8 0 0 0</td></tr> <tr><td>9 0 0 0</td><td>9 0 0 0</td></tr> </tbody> </table> <p><b>B.</b> Type of unit or quarters</p> <p><u>Occupied</u></p> <p> <input type="radio"/> First form  <input type="radio"/> Continuation         </p> <p><u>Vacant</u></p> <p> <input type="radio"/> Regular  <input type="radio"/> Usual residence elsewhere  <input type="radio"/> Group quarters         </p> <p> <input type="radio"/> First form  <input type="radio"/> Continuation         </p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p> <p><b>C.</b> Vacancy status</p> <p><u>Year round—</u></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><b>D.</b> 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><b>C/O</b>    <input type="radio"/>    <input type="radio"/></p>	a4. Block number	a5. Serial number	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES  
(Percent indicates sample size)

<p><b>H13.</b> Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00  <small>Average monthly cost</small>  <input type="radio"/> No, included in rent  <input type="radio"/> No, electricity not used</p> <p>b. Gas?  <input type="radio"/> Yes, average monthly cost is → \$ _____ .00  <small>Average monthly cost</small>  <input type="radio"/> No, included in rent  <input type="radio"/> No, gas not used</p> <p>c. Water?  <input checked="" type="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><b>H19.</b> 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 style="text-align: center;"><input checked="" type="checkbox"/></p>
<p><b>H14.</b> 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="radio"/> Floor, wall, or pipeless furnace  <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene  <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)  <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p><b>H20.</b> 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><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970    <input type="radio"/> 1950 to 1959  <input type="radio"/> 1965 to 1968    <input checked="" type="radio"/> 1940 to 1949  <input type="radio"/> 1960 to 1964    <input type="radio"/> 1939 or earlier</p>	<p><b>H21.</b> 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 style="text-align: center;"><input checked="" type="checkbox"/></p>
<p><b>H16.</b> 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><b>H22.</b> 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><b>H17.</b> 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><b>H23.</b> 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 style="text-align: center;"><input checked="" type="checkbox"/></p>
<p><b>H18.</b> 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  <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><b>H13.</b> 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><b>a. Electricity?</b></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>b. Gas?</b></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><b>c. Water?</b></p> <p><input type="radio"/> Yes, yearly cost is \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p><b>d. Oil, coal, kerosene, wood, etc.?</b></p> <p><input type="radio"/> Yes, yearly cost is \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p> <hr/> <p><b>H14.</b> How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe _____</p> <p><input type="radio"/> None, unit has no heating equipment</p> <hr/> <p><b>H15.</b> 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> <hr/> <p><b>H16.</b> Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <hr/> <p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p> <hr/> <p><b>H18.</b> 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>	<p><b>H24a.</b> 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 type="radio"/> 13 stories or more</p> <p><b>b.</b> If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <hr/> <p><b>H25a.</b> Which fuel is used most for cooking?</p> <p><input type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p> <hr/> <p><b>b.</b> Which fuel is used most for house heating?</p> <p><input type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p> <hr/> <p><b>c.</b> Which fuel is used most for water heating?</p> <p><input type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p><input type="radio"/> Electricity</p> <p><input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke</p> <p><input type="radio"/> Wood</p> <p><input type="radio"/> Other fuel</p> <p><input type="radio"/> No fuel used</p> <hr/> <p><b>H26.</b> 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</p> <p><input type="radio"/> 1 bedroom</p> <p><input type="radio"/> 2 bedrooms</p> <p><input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 5 bedrooms or more</p> <hr/> <p><b>H27a.</b> 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>b.</b> Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No</p> <hr/> <p><b>c.</b> Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <hr/> <p><b>d.</b> Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <hr/> <p><b>H28a.</b> 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>b.</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> <hr/> <p><b>H29.</b> 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</p> <p><input type="radio"/> No</p> <hr/> <p><b>H30.</b> Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p>
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FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

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

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

## Appendix C.—ACCURACY OF THE DATA

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

### SOURCES OF ERROR

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

### EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

### SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<b>OCCUPANCY CHARACTERISTICS</b>		<b>EQUIPMENT AND APPLIANCES</b>	
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
<b>VACANCY CHARACTERISTICS</b>		<b>FINANCIAL CHARACTERISTICS</b>	
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
<b>UTILIZATION CHARACTERISTICS</b>		<b>HOUSEHOLD CHARACTERISTICS</b>	
Number of rooms . . . . .	20	Household composition . . . . .	20
Size of household (persons) . . . . .	20	Income . . . . .	20
Persons per room . . . . .	20		
Bedrooms . . . . .	5		
<b>PLUMBING CHARACTERISTICS</b>			
Plumbing facilities . . . . .	20		
Complete bathrooms . . . . .	15		
<b>STRUCTURAL CHARACTERISTICS</b>			
Complete kitchen			
facilities . . . . .	20		
Access . . . . .	20		
Units in structure . . . . .	20		
Mobile home or trailer . . . . .	20		
Year structure built . . . . .	20		
Elevator in structure . . . . .	5		

**RATIO ESTIMATION**

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

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

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

Group

**Occupied housing units:**

**STAGE I**

*Male Head With Own Children Under 18*

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

.  
.

- 6 6-or-more-person household

*Male Head Without Own Children Under 18*

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

*Female Head*

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

**STAGE II**

*Owner Occupied*

- 19 Negro
- 20 Not Negro

*Renter Occupied*

- 21 Negro
- 22 Not Negro

**Vacant housing units:**

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

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

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

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

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

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

**SAMPLING VARIABILITY**

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

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

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

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

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

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

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

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

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

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

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

can be computed in a similar manner by multiplying the standard error by the appropriate factors before subtracting 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 <sup>1</sup>	Number of housing units in area <sup>2</sup>						
	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

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

<sup>2</sup>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 <sup>1</sup>	Factor if sample rate is—			Characteristic <sup>1</sup>	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>				<b>EQUIPMENT, FUELS, AND APPLIANCES</b>			
Year moved into unit .....	...	1.1	...	Heating equipment .....	0.8	0.9	...
Duration of vacancy .....	0.8	...	1.7	Air conditioning .....	...	1.1	...
<b>UTILIZATION CHARACTERISTICS</b>				Automobiles available .....	...	1.0	...
Rooms .....	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons) .....	0.5	0.6	1.2	<b>FINANCIAL CHARACTERISTICS</b>			
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	...
<b>PLUMBING CHARACTERISTICS</b>				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
<b>STRUCTURAL CHARACTERISTICS</b>				Rent asked .....	1.1	...	2.5
Units in structure .....	0.8	0.9	1.7	<b>HOUSEHOLD CHARACTERISTICS</b>			
Year structure built .....	0.9	1.0	...	Household composition .....	0.6	0.7	...
				Income in 1969 .....	1.0	1.2	2.3
				<b>ALL OTHERS</b> .....	1.0	1.2	2.2

<sup>1</sup>Tabulations 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.

**U.S. DEPARTMENT OF COMMERCE**  
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Table

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

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A UNITED STATES  
DEPARTMENT OF  
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PUBLICATION



# Metropolitan Housing Characteristics

ROCHESTER, N.Y.  
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-182

The background of the lower half of the cover is a dark, textured surface with a vertical wood-grain pattern. On the left side, there is a stylized white silhouette of a city skyline with various building heights. In the center and right, there are several white silhouettes of houses and mobile homes of different shapes and sizes, some with gabled roofs and others with flat roofs. The text "1970 CENSUS OF HOUSING" is printed in large, bold, white, sans-serif capital letters in the center of the image.

## 1970 CENSUS OF HOUSING

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

BUREAU OF  
THE CENSUS

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

### HOUSING DIVISION

**Arthur F. Young, Chief**

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

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

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

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

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

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

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

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

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

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

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

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

### SUGGESTED CITATION

U.S. Bureau of the Census  
Census of Housing: 1970  
METROPOLITAN HOUSING  
CHARACTERISTICS  
Final Report HC(2)-182  
Rochester, N.Y. SMSA  
U.S. Government Printing Office  
Washington, D.C. 1972

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**1970  
CENSUS OF  
HOUSING**

Metropolitan  
Housing  
Characteristics

**ROCHESTER, N.Y.  
STANDARD METROPOLITAN  
STATISTICAL AREA**

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For list of contents see page VIII

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**Table**

1, 11, 19	VALUE
2, 12, 20	GROSS RENT
3, 13, 21	INCOME IN 1969
4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
5, 15, 23	ROOMS
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# LIST OF HC(2) REPORTS

Report number	Area	Report number	Area	Report number	Area
1	United States and Regions	43	Chattanooga, Tenn.-Ga. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
2	Abilene, Tex. SMSA	44	Chicago, Ill. SMSA	86	Greenville, S.C. SMSA
3	Akron, Ohio SMSA	45	Cincinnati, Ohio-Ky.-Ind. SMSA	87	Hamilton-Middletown, Ohio SMSA
4	Albany, Ga. SMSA	46	Cleveland, Ohio SMSA	88	Harrisburg, Pa. SMSA
5	Albany-Schenectady-Troy, N.Y. SMSA	47	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
7	Allentown-Bethlehem-Easton, Pa.-N.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8	Altoona, Pa. SMSA	50	Columbus, Ga.-Ala. SMSA	92	Huntington-Ashland, W. Va.-Ky.-Ohio SMSA
9	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	93	Huntsville, Ala. SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
12	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-III. SMSA	97	Jacksonville, Fla. SMSA
14	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jersey City, N.J. SMSA
15	Atlanta, Ga. SMSA	57	Decatur, Ill. SMSA	99	Johnstown, Pa. SMSA
16	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	100	Kalamazoo, Mich. SMSA
17	Augusta, Ga.-S.C. SMSA	59	Des Moines, Iowa SMSA	101	Kansas City, Mo.-Kans. SMSA
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
127	Manchester, N.H. SMSA
128	Mansfield, Ohio SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA
130	Memphis, Tenn.-Ark. SMSA
131	Meriden, Conn. SMSA
132	Miami, Fla. SMSA
133	Midland, Tex. SMSA
134	Milwaukee, Wis. SMSA
135	Minneapolis-St. Paul, Minn. SMSA
136	Mobile, Ala. SMSA
137	Modesto, Calif. SMSA
138	Monroe, La. SMSA
139	Montgomery, Ala. SMSA
140	Muncie, Ind. SMSA
141	Muskegon-Muskegon Heights, Mich. SMSA
142	Nashua, N.H. SMSA
143	Nashville-Davidson, Tenn. SMSA
144	New Bedford, Mass. SMSA
145	New Britain, Conn. SMSA
146	New Haven, Conn. SMSA
147	New London-Groton-Norwich, Conn. SMSA
148	New Orleans, La. SMSA
149	New York, N.Y. SMSA
150	Newark, N.J. SMSA
151	Newport News-Hampton, Va. SMSA
152	Norfolk-Portsmouth, Va. SMSA
153	Norwalk, Conn. SMSA
154	Odessa, Tex. SMSA
155	Ogden, Utah SMSA
156	Oklahoma City, Okla. SMSA
157	Omaha, Nebr.-Iowa SMSA
158	Orlando, Fla. SMSA
159	Owensboro, Ky. SMSA
160	Oxnard-Ventura, Calif. SMSA
161	Paterson-Clifton-Passaic, N.J. SMSA
162	Pensacola, Fla. SMSA
163	Peoria, Ill. SMSA
164	Petersburg-Colonial Heights, Va. SMSA
165	Philadelphia, Pa.-N.J. SMSA
166	Phoenix, Ariz. SMSA
167	Pine Bluff, Ark. SMSA
168	Pittsburgh, Pa. SMSA

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

Report number	Area
211	Springfield-Chicopee-Holyoke, Mass.-Conn. SMSA
212	Stamford, Conn. SMSA
213	Steubenville-Weirton, Ohio-W. Va. SMSA
214	Stockton, Calif. SMSA
215	Syracuse, N.Y. SMSA
216	Tacoma, Wash. SMSA
217	Tallahassee, Fla. SMSA
218	Tampa-St. Petersburg, Fla. SMSA
219	Terre Haute, Ind. SMSA
220	Texarkana, Tex.-Ark. SMSA
221	Toledo, Ohio-Mich. SMSA
222	Topeka, Kans. SMSA
223	Trenton, N.J. SMSA
224	Tucson, Ariz. SMSA
225	Tulsa, Okla. SMSA
226	Tuscaloosa, Ala. SMSA
227	Tyler, Tex. SMSA
228	Utica-Rome, N.Y. SMSA
229	Vallejo-Napa, Calif. SMSA
230	Vineland-Millville-Bridgeton, N.J. SMSA
231	Waco, Tex. SMSA
232	Washington, D.C.-Md.-Va. SMSA
233	Waterbury, Conn. SMSA
234	Waterloo, Iowa SMSA
235	West Palm Beach, Fla. SMSA
236	Wheeling, W. Va.-Ohio SMSA
237	Wichita, Kans. SMSA
238	Wichita Falls, Tex. SMSA
239	Wilkes-Barre-Hazleton, Pa. SMSA
240	Wilmington, Del.-N.J.-Md. SMSA
241	Wilmington, N.C. SMSA
242	Worcester, Mass. SMSA
243	York, Pa. SMSA
244	Youngstown-Warren, Ohio SMSA
245	Caguas, Puerto Rico SMSA
246	Mayagüez, Puerto Rico SMSA
247	Ponce, Puerto Rico SMSA
248	San Juan, Puerto Rico 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
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>										
Year moved into unit .....	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy .....	—	—	—	9 <sup>1</sup>	9	9	—	—	—	9
<b>UTILIZATION CHARACTERISTICS</b>										
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†	—	—
<b>PLUMBING CHARACTERISTICS</b>										
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†	—	—
<b>STRUCTURAL CHARACTERISTICS</b>										
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*	—	—	—	—	—	—	—	—
<b>EQUIPMENT AND APPLIANCES</b>										
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*	—	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>										
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 <sup>1</sup>	—	—	—	—	9	—
Rent asked .....	—	—	—	10 <sup>1</sup>	—	10	—	—	9	—
Inclusion of utilities in rent .....	—	—	—	—	—	—	—	—	—	10
<b>HOUSEHOLD CHARACTERISTICS</b>										
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†	—	—

<sup>1</sup> Vacant units tabulated by plumbing facilities only.

# INTRODUCTION

# APPENDIXES

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

<b>GENERAL</b> .....	V
Organization of the text .....	V
Content of the tables .....	V
Sample size .....	V
Derived figures (medians, etc.) .....	VI
Symbols .....	VI
Boundaries .....	VI
<b>DATA COLLECTION PROCEDURES</b> .....	VI
<b>PROCESSING PROCEDURES</b> .....	VII

## 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.

## INTRODUCTION—Continued

**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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## 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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**CONTENTS**

METROPOLITAN HOUSING CHARACTERISTICS

**Rochester, N.Y.**

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 182]

page

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**MAP**

Counties, Standard Metropolitan  
Statistical Areas, and Selected Places X

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**INDEX OF TABLES**

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

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
Total SMSA .....	A	1 to 9	10 to 17	—
Rochester .....	B	18 to 26	27 to 34	—

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 Puerto Rican birth or parentage]

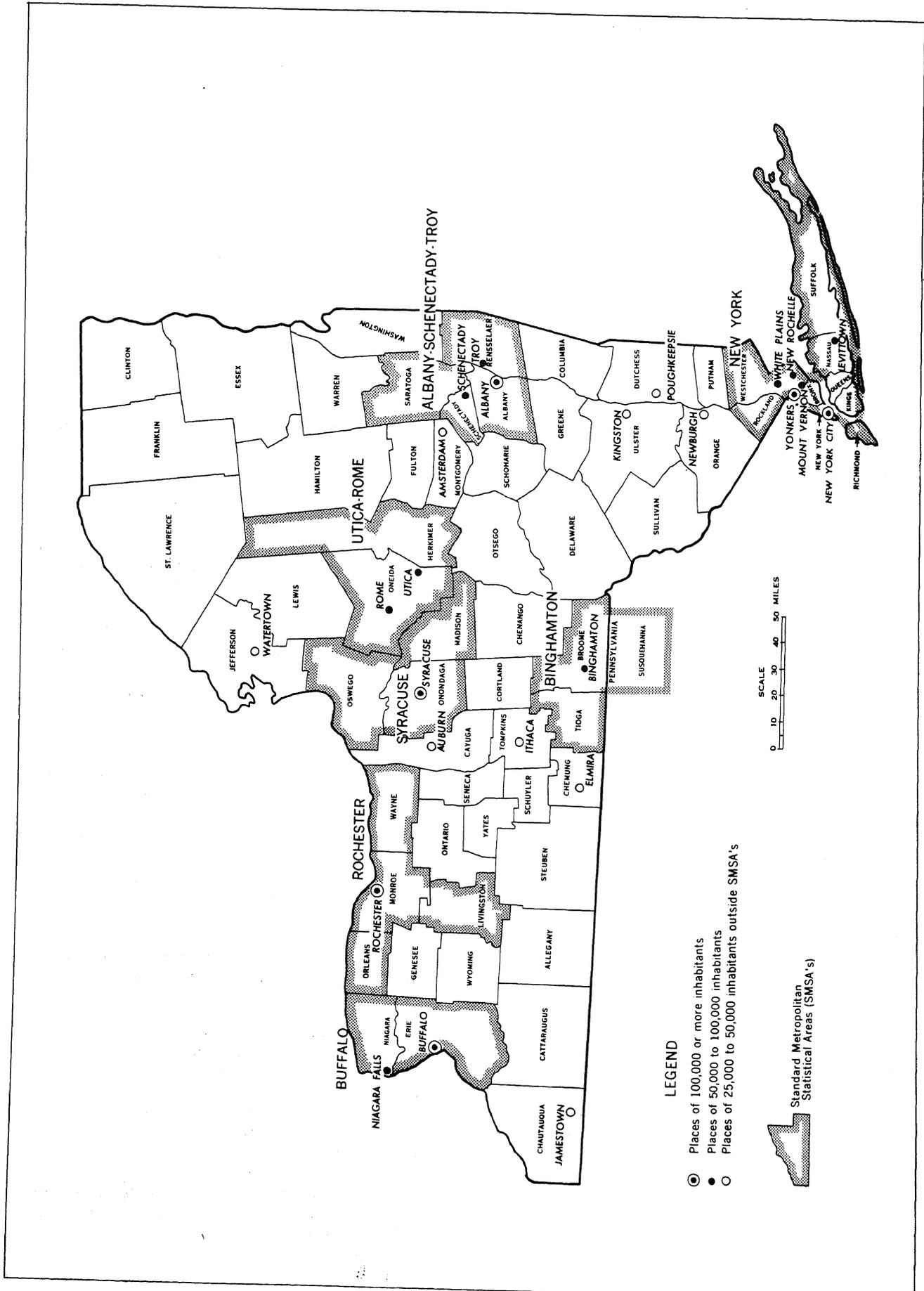
TABLE

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 Puerto Rican Birth or Parentage: 1970
20	Gross Rent of Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
21	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
22	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
23	Rooms in Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
24	Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
25	Household Composition for Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
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-1. Value of Owner Occupied Housing Units: 1970

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

## The SMSA

	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>150 061</b>	<b>1 544</b>	<b>3 545</b>	<b>6 920</b>	<b>11 482</b>	<b>13 298</b>	<b>33 465</b>	<b>31 078</b>	<b>32 653</b>	<b>12 147</b>	<b>3 929</b>	<b>20 800</b>
<b>ROOMS</b>												
1 and 2 rooms	216	40	16	25	35	32	40	17	6	5	-	11 900
3 rooms	788	71	124	99	91	81	179	73	40	18	12	12 800
4 rooms	7 918	198	344	547	962	1 001	2 947	1 353	477	64	25	16 400
5 rooms	28 859	438	808	1 330	1 884	2 162	8 315	8 915	4 439	495	73	19 700
6 rooms	48 011	375	1 082	2 205	3 970	5 218	12 286	11 780	9 203	1 563	329	19 500
7 rooms	31 473	244	621	1 382	2 259	2 573	5 459	5 814	9 616	2 883	622	22 800
8 rooms or more	32 796	178	550	1 332	2 281	2 231	4 239	3 126	8 872	7 119	2 868	27 800
Median	6.3	5.6	5.9	6.2	6.2	6.1	5.9	5.9	6.7	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	13 311	414	904	1 347	1 918	1 871	3 487	1 680	1 108	386	196	15 300
2 persons	39 579	439	1 128	2 243	3 632	4 030	9 850	7 962	6 841	2 357	897	19 100
3 persons	26 314	187	491	1 004	2 000	2 279	6 023	5 873	5 898	1 929	630	21 000
4 persons	29 887	92	310	838	1 422	1 136	7 159	8 080	2 921	1 563	813	22 800
5 persons	20 582	134	197	625	1 008	1 332	4 196	4 537	5 730	2 139	664	23 100
6 persons or more	20 388	278	515	863	1 302	1 670	3 773	3 867	4 976	2 415	729	22 300
Median	3.3	2.3	2.3	2.4	2.5	2.8	3.1	3.5	3.8	4.0	3.8	...
Units with roomers, boarders, or lodgers	2 304	31	97	158	302	258	593	415	335	95	20	16 900
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>148 320</b>	<b>1 085</b>	<b>3 294</b>	<b>6 758</b>	<b>11 307</b>	<b>13 186</b>	<b>33 245</b>	<b>30 889</b>	<b>32 528</b>	<b>12 107</b>	<b>3 921</b>	<b>20 900</b>
0.50 or less	79 282	701	2 248	4 342	7 400	7 976	17 811	14 093	15 178	6 807	2 726	19 800
0.51 to 1.00	63 852	292	796	2 068	3 529	4 690	14 221	15 496	16 448	5 141	1 171	22 000
1.01 to 1.50	4 672	75	210	301	309	468	1 092	1 051	1 851	145	16	19 500
1.51 or more	514	17	40	47	69	52	121	95	51	14	8	16 400
<b>Lacking some or all plumbing facilities</b>	<b>1 741</b>	<b>459</b>	<b>251</b>	<b>162</b>	<b>175</b>	<b>112</b>	<b>220</b>	<b>189</b>	<b>125</b>	<b>40</b>	<b>8</b>	<b>10 000</b>
0.50 or less	1 164	256	199	120	139	88	149	118	67	20	8	10 100
0.51 to 1.00	463	135	31	38	32	24	65	66	52	20	-	12 100
1.01 to 1.50	67	36	16	4	-	-	6	5	-	-	-	...
1.51 or more	47	32	5	-	4	-	-	-	6	-	-	...
<b>BEDROOMS</b>												
None and 1	2 326	138	201	351	403	272	585	163	148	65	-	13 100
2	24 305	383	1 419	1 730	2 583	3 083	6 672	4 281	3 124	760	270	17 000
3	79 769	483	1 423	2 859	5 038	6 677	18 577	19 995	19 161	4 529	1 027	21 200
4 or more	44 529	410	923	1 660	3 164	3 830	8 168	5 923	10 477	7 424	2 550	23 500
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	2 782	-	12	5	9	15	124	451	1 199	726	241	31 500
1965 to 1968	16 032	15	16	12	63	80	605	2 967	7 364	3 930	980	30 800
1960 to 1964	17 234	47	68	56	140	203	1 417	4 602	7 324	2 760	617	27 800
1950 to 1959	34 640	92	177	281	544	1 071	7 740	11 358	9 823	2 683	871	23 300
1940 to 1949	13 591	53	200	369	643	1 091	4 462	3 627	2 431	472	243	20 000
1939 or earlier	65 782	1 337	3 072	6 197	10 083	10 838	19 117	8 073	4 512	1 576	977	15 300
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	120 407	1 080	2 927	6 397	10 519	11 856	30 067	27 434	25 044	4 605	478	19 600
2 and 2 1/2	24 519	15	117	393	851	1 014	2 779	3 499	6 952	6 567	2 332	30 200
3 or more	2 643	-	14	-	25	45	122	203	370	732	1 132	46 100
None or also used by another household	2 284	511	344	291	219	162	303	235	155	54	10	10 000
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>136 750</b>	<b>1 130</b>	<b>2 641</b>	<b>5 573</b>	<b>9 564</b>	<b>11 427</b>	<b>29 978</b>	<b>29 398</b>	<b>31 545</b>	<b>11 761</b>	<b>3 733</b>	<b>21 400</b>
Male head, wife present, no nonrelatives	122 825	868	2 108	4 338	7 743	9 649	26 770	27 109	29 621	11 194	3 425	21 800
Under 25 years	1 398	25	29	100	111	164	440	289	211	29	-	18 100
25 to 34 years	23 525	123	225	570	1 026	1 612	4 820	6 075	6 932	1 860	282	22 800
35 to 44 years	30 439	112	292	793	1 303	1 827	5 306	6 487	9 083	4 143	1 093	24 300
45 to 64 years	53 019	373	1 005	1 912	3 548	4 258	12 323	11 806	11 632	4 450	1 712	21 300
65 years and over	14 444	235	517	963	1 755	1 788	3 881	2 452	1 763	712	358	17 300
Other male head	4 010	72	173	415	575	420	841	589	534	219	172	16 600
Under 65 years	2 916	67	110	242	352	319	616	471	454	173	110	17 200
65 years and over	1 094	5	63	173	223	101	225	118	78	46	62	14 600
Female head	9 915	190	360	820	1 246	1 358	2 367	1 700	1 390	348	136	17 000
Under 65 years	7 048	121	212	515	753	817	1 691	1 335	1 163	126	18 300	
65 years and over	2 867	69	148	305	493	541	676	365	227	33	10	14 400
<b>One-person households</b>	<b>13 311</b>	<b>414</b>	<b>904</b>	<b>1 347</b>	<b>1 918</b>	<b>1 871</b>	<b>3 487</b>	<b>1 680</b>	<b>1 108</b>	<b>386</b>	<b>196</b>	<b>15 300</b>
Under 65 years	5 390	151	310	461	638	699	1 418	827	584	194	108	16 400
65 years and over	7 921	263	594	886	1 280	1 172	2 069	853	524	192	88	14 500
<b>INCOME IN 1969</b>												
Less than \$2,000	6 513	299	453	734	983	1 015	1 398	744	559	217	91	14 400
\$2,000 to \$2,999	4 330	206	346	469	664	621	987	494	332	77	34	14 400
\$3,000 to \$3,999	3 910	121	217	408	609	558	1 014	522	293	85	33	15 000
\$4,000 to \$4,999	3 914	96	185	471	556	491	1 063	611	322	89	30	15 600
\$5,000 to \$5,999	4 105	153	256	420	622	444	1 022	632	379	135	42	15 700
\$6,000 to \$6,999	4 441	96	238	419	627	584	1 202	670	458	76	71	16 000
\$7,000 to \$9,999	20 223	254	667	1 583	2 328	2 688	5 602	3 853	2 597	529	122	17 200
\$10,000 to \$14,999	48 171	247	818	1 600	3 238	4 283	12 022	12 403	10 860	2 378	322	20 800
\$15,000 to \$24,999	42 915	62	296	736	1 641	2 346	8 048	9 607	13 875	5 390	914	24 300
\$25,000 or more	11 539	10	19	80	214	268	1 007	1 522	2 978	3 171	2 270	33 900
Median	\$12 900	\$5 300	\$7 100	\$8 000	\$9 200	\$10 300	\$11 800	\$13 200	\$15 400	\$19 600	\$30 000	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	11 605	89	170	389	496	786	1 931	2 308	3 313	1 667	456	24 200
1968	11 024	46	190	263	513	699	1 749	2 378	3 333	1 465	388	24 300
1967	9 442	98	142	295	484	525	1 621	1 852	2 841	1 301	283	24 200
1965 and 1966	18 015	104	197	547	867	1 048	3 320	3 993	5 256	1 951	732	23 700
1960 to 1964	28 895	220	308	981	1 440	1 956	5 920	6 905	7 734	2 684	747	22 600
1950 to 1959	41 798	377	951	1 813	3 305	3 715	10 762	9 964	7 723	2 245	943	20 000
1949 or earlier	29 074	672	1 444	2 793	4 509	4 348	7 968	3 971	2 321	645	403	15 400
<b>HEATING EQUIPMENT</b>												
Steam or hot water	20 215	89	298	818	1 521	1 560	3 516	3 349	4 987	2 983	1 094	23 400
Warm-air furnace	120 815	752	2 347	5 125	8 779	10 754	27 980	26 601	26 765	8 963	2 749	20 900
Built-in electric units	1 443	15	26	63	96	99	344	261	368	120	51	21 500
Floor, wall, or pipeless furnace												

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>	<b>87 285</b>	<b>1 406</b>	<b>1 501</b>	<b>2 828</b>	<b>3 871</b>	<b>11 578</b>	<b>14 037</b>	<b>19 386</b>	<b>21 547</b>	<b>6 353</b>	<b>836</b>	<b>3 942</b>	<b>130</b>
<b>ROOMS</b>													
1 room	4 141	599	408	680	519	837	450	286	156	39	45	122	76
2 rooms	6 079	176	229	648	452	1 574	1 073	929	547	60	4	187	95
3 rooms	22 480	332	339	702	1 263	3 857	4 069	5 353	5 563	453	61	488	122
4 rooms	24 416	157	331	386	754	2 783	4 110	5 262	7 522	2 152	200	759	139
5 rooms	15 320	84	139	248	419	1 613	2 840	3 974	3 694	1 516	101	692	135
6 rooms	9 077	31	36	85	161	596	1 068	2 509	2 771	1 126	102	592	147
7 rooms	3 339	10	9	44	73	215	224	713	818	632	167	434	160
8 rooms or more	2 433	17	10	35	30	103	203	360	476	375	156	668	163
Median	3.9	2.1	2.8	2.6	3.1	3.4	3.8	4.1	4.1	4.8	5.6	5.1	...
<b>PERSONS</b>													
1 person	27 193	1 098	1 036	1 914	2 402	5 476	4 512	4 561	4 095	681	213	1 205	105
2 persons	26 336	195	267	476	789	3 106	4 097	6 297	7 967	1 786	213	1 143	137
3 persons	13 938	61	97	178	286	1 252	2 532	3 547	3 903	1 397	82	603	139
4 persons	9 344	24	53	94	203	809	1 460	2 282	2 751	1 177	92	399	144
5 persons	4 968	12	23	82	70	473	764	1 283	1 280	599	118	264	142
6 persons or more	5 506	16	25	84	121	462	672	1 416	1 551	713	118	328	146
Median	2.1	1.1	1.2	1.2	1.3	1.6	2.1	2.3	2.3	3.0	2.5	2.2	...
Units with roomers, boarders, or lodgers	3 101	16	56	82	40	296	359	670	922	527	52	81	150
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>83 294</b>	<b>817</b>	<b>1 065</b>	<b>2 126</b>	<b>3 408</b>	<b>10 777</b>	<b>13 733</b>	<b>19 171</b>	<b>21 422</b>	<b>6 320</b>	<b>804</b>	<b>3 651</b>	<b>132</b>
0.50 or less	40 871	524	650	1 261	2 153	6 195	6 680	8 590	9 532	2 611	421	2 254	126
0.51 to 1.00	37 372	285	375	766	1 103	3 897	6 105	9 309	10 618	3 338	350	1 226	138
1.01 to 1.50	4 054	8	21	55	104	517	746	1 039	1 085	332	23	124	135
1.51 or more	997	-	19	44	48	168	202	233	187	39	10	47	119
<b>Lacking some or all plumbing facilities</b>	<b>3 991</b>	<b>589</b>	<b>436</b>	<b>702</b>	<b>463</b>	<b>801</b>	<b>304</b>	<b>215</b>	<b>125</b>	<b>33</b>	<b>32</b>	<b>291</b>	<b>78</b>
0.50 or less	1 306	112	131	212	174	218	150	74	45	6	6	178	76
0.51 to 1.00	2 307	446	285	445	257	473	125	83	60	27	20	86	69
1.01 to 1.50	157	8	5	9	19	57	16	37	-	-	-	6	92
1.51 or more	221	23	15	36	13	53	13	21	20	-	6	21	83
<b>BEDROOMS</b>													
None	5 233	612	296	834	781	1 114	656	479	264	20	64	113	81
1	30 912	407	580	1 112	2 006	5 364	6 174	6 764	7 079	535	68	823	118
2	32 196	188	396	373	963	2 932	5 678	7 231	9 646	3 247	312	1 250	141
3 or more	19 104	106	36	306	389	1 485	1 985	4 490	5 047	2 579	512	2 169	148
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	2 686	9	11	16	24	93	70	176	1 342	860	42	43	184
1965 to 1968	10 209	149	47	39	103	193	444	1 119	6 096	1 629	229	161	174
1960 to 1964	6 943	37	16	98	205	289	436	1 257	3 370	861	165	209	165
1950 to 1959	6 002	30	50	266	151	423	628	1 529	1 667	708	151	399	145
1940 to 1949	7 049	56	155	192	191	790	1 567	2 093	1 362	341	36	266	126
1939 or earlier	54 396	1 125	1 222	2 217	3 197	9 790	10 892	13 212	7 710	1 954	213	2 864	115
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	4 208	119	214	217	429	825	599	763	520	204	272	46	109
With elevator	3 679	98	187	217	363	692	536	672	432	164	272	46	110
Walk-up	529	21	27	-	66	133	63	91	88	40	-	-	106
1 to 3 floors	83 237	1 194	1 094	2 408	3 710	10 070	13 894	18 201	21 516	6 177	684	4 289	132
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	79 409	708	986	2 029	3 236	10 522	13 271	18 782	20 838	5 689	383	2 965	132
2 or more	2 619	90	60	82	20	129	164	210	439	633	388	404	190
None or also used by another household	5 214	623	513	789	553	1 091	496	419	261	69	40	360	79
<b>INCOME IN 1969</b>													
Less than \$2,000	11 356	530	470	921	1 121	2 037	1 885	1 783	1 400	425	63	721	103
\$2,000 to \$2,999	5 475	202	189	385	362	1 167	925	964	724	176	5	376	105
\$3,000 to \$3,999	5 655	101	104	242	397	1 157	1 028	1 230	993	150	15	238	114
\$4,000 to \$4,999	5 599	110	118	240	347	1 039	1 056	1 260	952	210	26	241	116
\$5,000 to \$5,999	6 328	115	146	171	270	1 222	1 293	1 413	1 152	279	9	258	117
\$6,000 to \$6,999	6 714	86	107	145	309	930	1 327	1 744	1 470	316	15	265	126
\$7,000 to \$9,999	18 094	139	200	385	498	2 062	3 267	4 628	5 030	1 079	78	728	134
\$10,000 to \$14,999	18 543	95	135	227	495	1 421	2 496	4 653	6 205	1 985	180	651	146
\$15,000 to \$24,999	8 240	20	32	100	50	467	710	1 553	3 320	1 394	243	351	165
\$25,000 or more	1 281	8	-	12	22	76	50	158	301	339	202	113	193
Median	\$7 500	\$2 900	\$3 900	\$3 400	\$4 200	\$5 300	\$6 600	\$7 800	\$9 400	\$11 400	\$16 100	\$6 500	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	34 225	430	406	834	963	3 212	4 775	7 993	10 637	3 925	387	663	143
1968	13 977	157	123	224	468	1 613	2 366	3 394	4 115	1 016	94	407	136
1967	8 240	123	97	291	306	1 222	1 444	1 909	2 109	462	51	226	128
1965 and 1966	10 887	190	199	466	539	1 708	2 014	2 565	2 298	453	83	372	122
1960 to 1964	9 471	216	268	398	715	1 963	1 706	1 969	1 495	321	126	494	112
1950 to 1959	6 574	200	281	444	532	1 307	1 070	1 094	647	154	66	779	102
1949 or earlier	3 668	105	185	243	286	717	556	487	237	60	4	788	97
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	6 304	428	385	515	623	1 392	1 069	1 035	602	205	50	...	97
10 to 14 percent	15 227	199	298	457	656	2 252	2 969	3 868	3 708	742	78	...	126
15 to 19 percent	15 525	108	103	317	500	1 812	2 783	4 024	4 568	1 174	136	...	136
20 to 24 percent	11 425	88	106	214	336	1 272	1 755	2 777	3 680	1 089	108	...	141
25 to 34 percent	12 421	254	166	216	410	1 456	1 790	2 966	3 744	1 259	160	...	139
35 percent or more	21 081	278	421	1 044	1 243	3 140	3 405	4 431	5 003	1 822	294	...	127
Not computed	5 302	51	22	65	103	254	266	285	242	62	10	3 942	114
<b>AIR CONDITIONING</b>													
Room unit(s)	18 237	131	88	151	268	903	1 342	2 634	9 563	2 477	157	523	167
Central system	2 589	25	7	16	26	66	63	105	832	1 115	278	56	211
None	66 416	1 265	1 464	2 733	3 515	10 773	12 526	16 672	11 143	2 799	376	3 150	119

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA	Total	Less	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000	Median (dollars)
		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	
<b>Owner occupied housing units</b>	<b>180 654</b>	<b>9 633</b>	<b>6 173</b>	<b>5 527</b>	<b>5 459</b>	<b>5 629</b>	<b>6 367</b>	<b>25 631</b>	<b>55 721</b>	<b>47 755</b>	<b>12 759</b>	<b>12 300</b>
<b>ROOMS</b>												
1 and 2 rooms	613	147	69	42	38	58	21	118	73	42	5	5 200
3 rooms	2 865	434	390	235	196	185	253	521	424	194	33	6 000
4 rooms	14 174	1 707	973	848	825	835	962	2 684	3 369	1 786	185	8 000
5 rooms	35 924	1 956	1 444	1 385	1 317	1 286	1 463	6 061	12 639	7 249	1 124	11 200
6 rooms	53 973	2 734	1 594	1 617	1 602	1 644	1 834	8 080	18 530	13 818	2 520	12 100
7 rooms or more	73 105	2 655	1 703	1 400	1 481	1 621	1 834	8 167	20 686	24 666	8 892	14 300
<b>PERSONS</b>												
1 person	19 076	5 852	2 965	1 813	1 364	1 242	1 231	2 532	1 418	490	169	3 400
2 persons	50 001	2 395	2 540	2 851	2 916	2 554	2 842	8 394	12 987	9 712	2 810	10 200
3 and 4 persons	65 302	919	450	576	809	1 186	1 451	9 206	23 991	21 459	5 255	13 800
5 persons	23 129	235	114	146	151	309	370	2 516	9 100	8 096	2 092	14 200
6 persons or more	23 146	232	104	141	219	338	473	2 983	8 225	7 998	2 433	14 300
Units with roomers, boarders, or lodgers	3 155	481	177	201	194	188	170	518	700	461	65	8 000
<b>BEDROOMS</b>												
Less than 3	40 397	3 719	2 795	2 153	2 103	2 252	2 311	7 365	9 992	6 502	1 205	9 000
3	89 186	3 741	2 217	1 925	1 941	2 534	3 122	12 789	30 881	24 759	5 277	12 600
4 or more	51 118	1 919	1 342	1 006	961	1 209	1 333	5 402	14 660	16 628	6 658	14 200
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	3 436	90	24	49	47	33	61	458	1 201	1 239	234	14 000
1960 to 1968	37 586	838	450	402	398	602	741	4 059	13 346	13 267	3 483	14 200
1950 to 1959	36 992	1 022	714	695	791	945	4 254	12 167	12 185	12 185	3 471	13 800
1949 or earlier	102 640	7 683	4 985	4 381	4 266	4 203	4 620	16 860	29 007	21 064	5 571	10 700
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	14 565	466	196	202	376	361	559	2 353	5 326	3 899	827	12 600
1968	13 060	347	139	225	159	280	429	1 985	5 104	3 553	859	12 900
1960 to 1967	65 336	1 979	1 089	1 071	1 291	1 453	1 668	9 356	23 162	19 310	4 957	13 200
1959 or earlier	87 671	7 048	4 626	4 158	3 801	3 411	3 613	11 987	22 198	20 784	6 045	11 200
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	147 770	4 934	3 187	2 761	3 203	3 966	4 436	20 063	48 527	44 356	12 337	13 200
Clothes dryer	120 074	3 036	1 709	1 534	1 779	2 829	2 916	14 679	40 719	39 191	11 682	13 900
Dishwasher	60 207	1 153	399	380	436	700	878	5 027	18 036	23 714	9 484	16 300
Home food freezer	62 662	2 106	1 562	1 244	1 077	1 579	1 615	7 901	19 741	19 745	6 074	13 600
Owned second home	12 025	306	236	237	206	345	437	1 158	3 118	3 910	2 072	15 000
With air conditioning	34 751	928	525	606	624	609	948	4 166	10 517	11 257	4 571	14 300
Room unit(s)	29 959	829	435	516	537	545	825	3 707	9 359	9 973	3 233	14 100
Central system	4 792	99	90	90	87	64	123	459	1 158	1 284	1 338	16 800
Automobiles available:												
1	92 004	4 698	3 214	3 700	3 881	3 914	4 308	17 811	32 268	16 016	2 194	10 700
2	64 212	597	465	473	620	673	1 083	6 050	20 548	25 958	7 745	15 600
3 or more	10 860	91	31	30	49	81	88	425	2 116	5 324	2 625	19 700
<b>Renter occupied housing units</b>	<b>89 861</b>	<b>11 666</b>	<b>5 622</b>	<b>5 829</b>	<b>5 789</b>	<b>6 493</b>	<b>6 902</b>	<b>18 652</b>	<b>19 075</b>	<b>8 496</b>	<b>1 337</b>	<b>7 400</b>
<b>ROOMS</b>												
1 room	4 180	1 207	439	413	332	390	331	583	406	58	21	4 100
2 rooms	6 134	1 478	730	547	549	565	463	983	518	258	43	4 600
3 rooms	22 591	3 470	1 778	1 822	1 779	1 802	1 819	4 219	4 057	1 775	189	6 400
4 rooms	24 629	2 666	1 340	1 414	1 448	1 719	1 925	5 407	5 804	2 558	348	8 000
5 rooms	15 685	1 420	775	904	937	939	1 252	3 820	3 719	1 611	308	8 300
6 rooms or more	16 642	1 425	560	729	863	1 078	1 112	3 640	4 571	2 236	428	9 100
<b>PERSONS</b>												
1 person	27 598	7 250	2 874	2 524	2 306	2 433	2 256	4 490	2 489	762	214	4 500
2 persons	26 798	2 043	1 581	1 721	1 670	1 824	1 931	5 226	6 764	3 540	498	8 500
3 and 4 persons	24 057	1 646	848	1 090	1 147	1 489	1 857	6 209	6 613	2 759	399	8 900
5 persons	5 338	329	184	244	313	284	450	1 149	1 527	763	95	9 300
6 persons or more	6 070	398	135	250	353	463	408	1 578	1 682	672	131	9 000
Units with roomers, boarders, or lodgers	3 227	796	219	273	257	337	268	668	331	69	9	5 200
<b>BEDROOMS</b>												
None	5 292	1 436	506	717	382	510	373	685	589	94	-	4 000
1	31 116	4 522	2 699	2 321	2 673	2 137	2 396	6 631	5 040	2 333	364	6 500
2	32 597	3 098	1 473	1 993	1 923	1 839	2 845	7 584	7 856	3 383	603	8 200
3 or more	20 851	2 013	758	1 294	1 040	1 273	1 225	4 395	5 447	2 711	695	8 900
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	2 735	198	97	120	102	199	219	443	765	507	85	9 900
1960 to 1968	17 235	1 504	850	878	803	908	1 032	3 509	4 594	2 696	461	9 300
1950 to 1959	6 140	630	388	321	384	375	405	1 176	1 508	801	152	8 400
1949 or earlier	63 751	9 334	4 287	4 510	4 500	5 011	5 246	13 524	12 208	4 492	639	6 800
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	34 909	4 197	2 069	2 458	2 367	2 923	2 838	7 265	7 439	2 993	360	7 200
1968	14 317	1 200	674	697	730	989	1 179	3 334	3 743	1 644	127	8 500
1960 to 1967	29 622	4 119	2 018	1 791	1 714	2 058	2 330	6 024	6 103	2 915	550	7 400
1959 or earlier	11 035	2 318	832	772	849	753	611	1 808	1 894	1 000	198	6 000
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	87 285	11 356	5 475	5 655	5 599	6 328	6 714	18 094	18 543	8 240	1 281	7 400
Less than 15 percent	21 531	5	16	38	173	364	609	3 627	8 909	6 701	1 094	13 300
15 to 19 percent	15 525	5	40	126	435	840	1 345	5 627	6 063	976	68	9 700
20 to 24 percent	11 425	6	132	394	767	1 435	1 724	4 595	2 227	139	6	7 800
25 to 34 percent	12 421	221	132	1 384	2 073	2 145	2 235	3 116	600	68	-	5 900
35 percent or more	21 081	9 043	4 372	3 475	1 910	1 286	536	401	93	5	-	2 300
Not computed	5 302	2 081	376	238	241	258	265	728	651	351	113	3 800
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	33 465	2 337	1 112	1 752	1 618	1 581	2 239	7 872	9 595	4 351	1 008	9 300
Clothes dryer	22 057	1 197	843	1 119	1 046	1 020	1 294	4 973	6 294	3 487	784	9 700
Dishwasher	9 280	419	306	263	244	257	377	1 668	2 576	2 335	835	12 100
Home food freezer	7 692	884	443	452	299	320	348	1 521	1 879	1 316	230	9 200
Owned second home	2 949	372	81	175	149	24	83	466	647	672	280	11 000
With air conditioning	21 106	1 493	740	1 058	862	1 109	1 294	3 944	6 219	3 688	699	10 000
Room unit(s)	18 454	1 326	655	974	748	974	1 178	3 548	5 425	3 215	461	9 900
Central system	2 652	167	85	134	114	135	116	396	794	473	238	11 100
Automobiles available:												

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

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

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
<b>Owner occupied housing units</b> .....	<b>180 654</b>	<b>177 672</b>	<b>97 551</b>	<b>73 848</b>	<b>5 606</b>	<b>667</b>	<b>2 982</b>	<b>2 054</b>	<b>715</b>	<b>133</b>	<b>80</b>
<b>PERSONS</b>											
1 person .....	19 076	18 234	18 204	30	—	—	842	838	4	—	—
2 persons .....	50 001	49 019	47 798	1 184	—	37	982	908	68	—	—
3 persons .....	31 440	31 062	21 731	9 286	30	15	378	208	145	6	19
4 persons .....	33 862	33 553	7 325	26 106	101	21	309	69	227	9	4
5 persons .....	23 129	22 944	2 493	20 068	340	43	185	31	124	18	12
6 persons or more .....	23 146	22 860	—	17 174	5 135	551	286	—	147	100	39
Median .....	3.2	3.2	2.1	4.5	7.1	7.5+	2.2	1.7	4.1	6.7	—
Units with roomers, boarders, or lodgers .....	3 155	3 082	1 485	1 303	258	36	73	52	11	—	10
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	3 234	3 214	1 589	1 536	74	15	20	6	14	—	—
1965 to 1968 .....	18 345	18 255	7 760	10 014	432	49	90	48	42	—	—
1960 to 1964 .....	19 051	18 878	7 570	10 471	759	78	173	69	56	12	36
1950 to 1959 .....	36 888	36 507	17 205	17 495	1 646	161	381	174	130	41	36
1940 to 1949 .....	14 815	14 634	8 484	5 764	346	40	181	120	53	—	8
1939 or earlier .....	88 299	86 123	54 833	28 592	2 389	309	2 176	1 674	393	82	27
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	9 633	9 030	8 030	915	79	6	603	553	46	—	4
\$2,000 to \$2,999 .....	6 173	5 899	5 350	463	74	12	274	264	10	—	—
\$3,000 to \$3,999 .....	5 527	5 239	4 621	555	63	—	288	248	25	5	10
\$4,000 to \$4,999 .....	5 459	5 291	4 468	707	106	10	168	145	17	—	6
\$5,000 to \$5,999 .....	5 629	5 471	4 215	1 138	108	10	158	96	48	5	9
\$6,000 to \$6,999 .....	6 367	6 105	4 403	1 529	149	24	262	208	38	10	6
\$7,000 to \$9,999 .....	25 631	25 186	14 125	9 889	1 045	127	445	186	173	72	14
\$10,000 to \$14,999 .....	55 721	55 301	23 758	29 184	2 138	221	420	143	217	35	25
\$15,000 to \$24,999 .....	47 755	47 450	21 505	24 213	1 541	191	305	173	126	—	6
\$25,000 or more .....	12 759	12 700	7 076	5 255	303	66	59	38	15	6	—
Median .....	\$12 300	\$12 400	\$10 700	\$13 700	\$12 800	\$13 300	\$6 000	\$3 800	\$10 000	\$8 900	—
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	<b>150 061</b>	<b>148 320</b>	<b>79 282</b>	<b>63 852</b>	<b>4 672</b>	<b>514</b>	<b>1 741</b>	<b>1 164</b>	<b>463</b>	<b>67</b>	<b>47</b>
Less than 1.5 .....	56 649	55 923	26 763	26 469	2 381	310	726	26 370	257	62	37
1.5 to 1.9 .....	34 204	33 949	15 970	16 809	1 074	96	255	173	76	—	6
2.0 to 2.4 .....	21 482	21 304	10 113	10 521	619	51	178	88	81	5	4
2.5 to 2.9 .....	10 855	10 755	5 880	4 581	270	24	100	76	24	—	—
3.0 to 3.9 .....	10 252	10 153	6 733	3 243	166	11	99	93	6	—	—
4.0 or more .....	16 011	15 644	13 326	2 138	158	22	367	348	19	—	—
Not computed .....	608	592	497	91	4	—	16	16	—	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	25 904	25 663	14 966	9 848	717	132	241	181	60	—	—
Warm-air furnace .....	141 741	140 191	75 508	59 982	4 265	436	1 550	1 110	368	43	29
Built-in electric units .....	1 889	1 865	1 056	710	83	16	24	11	13	—	—
Floor, wall, or pipeless furnace .....	2 360	2 251	1 477	676	94	4	109	102	7	—	—
Other means .....	8 723	7 669	4 517	2 626	447	79	1 054	646	267	90	51
None .....	37	33	27	6	—	—	4	4	—	—	—
<b>Renter occupied housing units</b> .....	<b>89 861</b>	<b>85 577</b>	<b>41 927</b>	<b>38 420</b>	<b>4 200</b>	<b>1 030</b>	<b>4 284</b>	<b>1 483</b>	<b>2 382</b>	<b>173</b>	<b>246</b>
<b>PERSONS</b>											
1 person .....	27 598	24 697	22 624	2 073	—	—	2 901	1 165	1 736	—	—
2 persons .....	26 798	26 230	16 002	9 999	—	229	568	244	273	—	51
3 persons .....	14 298	14 012	2 615	11 188	192	17	286	68	168	21	29
4 persons .....	9 759	9 608	457	8 580	509	62	151	6	101	22	22
5 persons .....	5 338	5 213	229	3 886	955	143	125	—	61	21	43
6 persons or more .....	6 070	5 817	—	2 694	2 544	579	253	—	43	109	101
Median .....	2.1	2.2	1.4	3.1	5.9	6.6	1.2	1.1	1.2	6.2	5.0
Units with roomers, boarders, or lodgers .....	3 227	3 120	1 101	1 785	143	91	107	6	64	12	25
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 .....	2 697	2 697	1 128	1 459	84	26	—	—	—	—	—
1965 to 1968 .....	10 449	10 283	4 720	5 238	253	72	166	53	90	7	16
1960 to 1964 .....	6 901	6 775	3 117	3 354	250	54	126	61	37	7	21
1950 to 1959 .....	6 278	5 986	2 877	2 813	232	64	292	72	162	21	37
1940 to 1949 .....	7 213	6 971	3 195	3 195	480	101	242	59	126	33	24
1939 or earlier .....	56 345	52 747	26 629	22 553	2 795	770	3 598	1 258	2 044	117	179
<b>INCOME IN 1969</b>											
Less than \$2,000 .....	11 666	10 371	6 986	2 964	298	123	1 295	504	711	4	76
\$2,000 to \$2,999 .....	5 622	5 106	3 172	1 754	127	53	516	196	285	10	25
\$3,000 to \$3,999 .....	5 829	5 418	3 084	2 024	242	68	411	147	240	10	14
\$4,000 to \$4,999 .....	5 789	5 404	2 926	2 113	296	69	385	150	200	24	11
\$5,000 to \$5,999 .....	6 493	6 096	3 270	2 406	321	99	397	83	285	11	18
\$6,000 to \$6,999 .....	6 902	6 656	3 282	2 917	378	79	246	75	151	14	6
\$7,000 to \$9,999 .....	18 652	18 115	8 043	8 748	1 103	221	537	183	254	55	45
\$10,000 to \$14,999 .....	19 075	18 726	7 078	10 366	1 050	232	349	101	188	32	28
\$15,000 to \$24,999 .....	8 496	8 373	3 388	4 579	331	75	123	44	51	10	18
\$25,000 or more .....	1 337	1 312	698	549	54	11	25	—	17	3	5
Median .....	\$7 400	\$7 600	\$6 500	\$8 700	\$8 200	\$7 300	\$3 800	\$3 300	\$3 800	\$7 700	\$4 700
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	<b>87 285</b>	<b>83 294</b>	<b>40 871</b>	<b>37 372</b>	<b>4 054</b>	<b>997</b>	<b>3 991</b>	<b>1 306</b>	<b>2 307</b>	<b>157</b>	<b>221</b>
Less than 10 percent .....	6 304	5 870	2 454	3 001	326	89	434	131	267	20	16
10 to 14 percent .....	15 227	14 603	5 913	7 862	674	154	624	146	407	47	24
15 to 19 percent .....	15 525	15 058	6 422	7 618	814	204	467	136	292	30	9
20 to 24 percent .....	11 425	11 067	5 312	4 997	662	96	358	120	195	16	27
25 to 34 percent .....	12 421	11 948	6 102	5 022	655	169	473	131	291	22	29
35 percent or more .....	21 081	19 847	11 778	7 117	728	224	1 234	438	690	16	90
Not computed .....	5 302	4 901	2 890	1 755	195	61	401	204	165	6	26
<b>HEATING EQUIPMENT</b>											
Steam or hot water .....	29 441	28 011	14 896	11 954	857	304	1 430	310	1 048	31	41
Warm-air furnace .....	45 497	43 999	20 953	20 233	2 361	452	1 498	556	850	35	57
Built-in electric units .....	4 394	4 342	2 087	2 017	183	55	52	20	26	6	—
Floor, wall, or pipeless furnace .....	2 002	1 894	916	769	194	15	108	49	38	5	16
Other means .....	8 478	7 299	3 062	3 428	605	204	1 179	543	408	96	132
None .....	49	32	13	19	—	—	17	5	12	—	—

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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
<b>Owner occupied housing units</b>		<b>180 654</b>	<b>152</b>	<b>461</b>	<b>2 865</b>	<b>14 174</b>	<b>35 924</b>	<b>53 973</b>	<b>34 646</b>	<b>38 459</b>	<b>6.2</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		176 691	110	403	2 548	13 674	35 143	53 113	33 744	37 956	6.2
<b>PERSONS</b>											
1 person		19 076	34	280	1 267	3 510	4 221	5 219	2 438	2 107	5.5
2 persons		50 001	43	114	1 138	6 553	13 057	15 588	7 348	4 160	5.8
3 persons		31 440	34	36	271	2 248	6 912	10 489	6 128	5 322	6.1
4 persons		33 862	5	20	110	1 317	6 327	10 874	7 815	7 394	6.3
5 persons		23 129	15	—	40	358	3 516	6 668	5 512	7 020	6.7
6 persons or more		23 146	21	11	39	188	1 891	5 135	5 405	10 456	7.3
Median		3.2	2.5	1.3	1.6	2.0	2.6	3.1	3.7	4.3	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>With all plumbing facilities</b>		<b>177 672</b>	<b>111</b>	<b>383</b>	<b>2 685</b>	<b>13 672</b>	<b>35 389</b>	<b>53 374</b>	<b>34 144</b>	<b>37 914</b>	<b>6.2</b>
0.50 or less		97 551	—	226	1 172	9 698	16 940	30 865	15 578	23 072	6.2
0.51 to 1.00		73 848	30	100	1 339	3 464	16 625	20 621	17 642	14 027	6.2
1.01 to 1.50		5 606	—	30	101	442	1 633	1 801	837	762	5.8
1.51 or more		667	81	27	73	68	191	87	87	53	4.9
<b>Lacking some or all plumbing facilities</b>		<b>2 982</b>	<b>41</b>	<b>78</b>	<b>180</b>	<b>502</b>	<b>535</b>	<b>599</b>	<b>502</b>	<b>545</b>	<b>5.8</b>
0.50 or less		2 054	—	54	95	365	338	431	336	435	5.9
0.51 to 1.00		715	4	14	70	101	130	138	148	110	5.8
1.01 to 1.50		133	—	6	9	23	51	26	18	—	5.1
1.51 or more		80	37	4	6	13	16	4	—	—	...
<b>BEDROOMS</b>											
None and 1		5 930	84	319	2 115	2 183	681	395	93	60	3.7
2		34 467	—	—	823	11 034	15 673	5 489	1 097	351	4.8
3		89 186	—	—	—	581	19 421	43 484	18 840	6 840	6.1
4 or more		51 118	—	—	—	—	254	4 659	15 426	30 779	7.5+
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970		3 436	23	11	50	314	658	659	571	1 150	6.5
1960 to 1968		37 586	20	31	313	2 694	6 963	8 213	8 067	11 285	6.6
1950 to 1959		36 992	30	126	487	3 758	11 726	11 178	6 147	3 540	5.7
1949 or earlier		102 640	79	293	2 015	7 408	16 577	33 923	19 861	22 484	6.2
<b>COMPLETE BATHROOMS</b>											
1 and 1 1/2		144 814	105	357	2 220	12 571	32 580	47 514	27 039	22 428	6.0
2 or more		32 034	12	76	339	1 115	2 593	5 635	6 723	15 541	7.4
None or also used by another household		3 784	62	80	260	650	756	804	553	619	5.6
<b>VALUE-INCOME RATIO</b>											
<b>Specified owner occupied<sup>1</sup></b>		<b>150 061</b>	<b>89</b>	<b>127</b>	<b>788</b>	<b>7 918</b>	<b>28 859</b>	<b>48 011</b>	<b>31 473</b>	<b>32 796</b>	<b>6.3</b>
Less than 1.5		56 649	43	41	260	2 813	10 024	19 112	12 180	12 176	6.3
1.5 to 1.9		34 204	10	29	111	1 344	7 144	10 846	7 290	7 430	6.3
2.0 to 2.9		32 337	24	23	144	1 448	6 069	9 571	7 033	8 025	6.4
3.0 or more		26 263	12	34	273	2 263	5 489	8 291	4 879	5 022	6.1
Not computed		608	—	—	—	50	133	191	91	143	6.1
<b>Renter occupied housing units</b>											
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		89 861	4 180	6 134	22 591	24 629	15 685	9 594	3 847	3 201	4.0
83 249		1 855	5 208	21 548	23 909	14 903	9 213	3 657	2 956	4.0	
<b>PERSONS</b>											
1 person		27 598	3 809	4 552	10 997	4 954	1 979	809	269	229	3.0
2 persons		26 798	280	1 236	9 036	9 119	4 422	1 689	564	452	3.8
3 persons		14 298	46	213	1 789	5 835	3 732	1 718	570	395	4.4
4 persons		9 759	11	73	531	3 211	2 687	2 044	739	463	4.9
5 persons		5 338	21	42	123	976	1 537	1 475	652	512	5.5
6 persons or more		6 070	13	18	115	534	1 328	1 859	1 053	1 150	6.1
Median		2.1	1.0	1.2	1.5	2.3	2.9	3.8	4.2	4.6	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>With all plumbing facilities</b>		<b>85 577</b>	<b>2 349</b>	<b>5 464</b>	<b>21 961</b>	<b>24 294</b>	<b>15 330</b>	<b>9 353</b>	<b>3 712</b>	<b>3 114</b>	<b>4.0</b>
0.50 or less		41 927	—	4 028	10 675	13 889	6 218	4 098	1 312	1 707	4.0
0.51 to 1.00		38 420	2 073	1 156	10 575	8 959	7 856	4 406	2 137	1 258	4.1
1.01 to 1.50		4 200	—	192	509	1 290	1 058	759	243	149	4.6
1.51 or more		1 030	276	88	202	156	198	90	20	—	3.2
<b>Lacking some or all plumbing facilities</b>		<b>4 284</b>	<b>1 831</b>	<b>670</b>	<b>630</b>	<b>335</b>	<b>355</b>	<b>241</b>	<b>135</b>	<b>87</b>	<b>2.0</b>
0.50 or less		1 483	—	524	322	184	183	118	91	61	3.2
0.51 to 1.00		2 382	1 736	80	250	87	100	64	39	26	1.2
1.01 to 1.50		173	—	21	22	38	44	43	5	—	4.6
1.51 or more		246	95	45	36	26	28	16	—	—	2.1
<b>BEDROOMS</b>											
None		5 292	3 739	1 415	138	—	—	—	—	—	1.2
1		31 116	—	4 535	20 975	4 600	868	41	48	49	3.0
2		32 597	—	—	1 740	19 419	9 678	1 503	190	67	4.2
3 or more		20 851	—	—	—	487	5 306	8 147	3 507	3 404	6.1
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970		2 735	74	83	752	1 139	454	182	31	20	3.9
1960 to 1968		17 235	583	1 054	5 728	6 786	2 195	458	278	153	3.7
1950 to 1959		6 140	253	408	1 509	2 194	1 020	476	182	98	3.9
1949 or earlier		63 751	3 270	4 589	14 602	14 510	12 016	8 478	3 356	2 930	4.1
<b>COMPLETE BATHROOMS</b>											
1 and 1 1/2		81 465	2 223	5 254	21 524	23 623	14 533	8 746	3 283	2 279	4.0
2 or more		2 848	131	75	188	463	448	479	379	685	5.7
None or also used by another household		5 570	1 957	864	849	589	599	369	225	118	2.5
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
<b>Specified renter occupied<sup>2</sup></b>		<b>87 285</b>	<b>4 141</b>	<b>6 079</b>	<b>22 480</b>	<b>24 416</b>	<b>15 320</b>	<b>9 077</b>	<b>3 339</b>	<b>2 433</b>	<b>3.9</b>
Less than 10 percent		6 304	471	380	1 442	1 782	1 213	640	198	178	4.0
10 to 14 percent		15 227	707	865	3 886	4 412	2 893	1 618	557	289	4.0
15 to 19 percent		15 525	478	780	3 912	4 729	2 838	1 769	615	404	4.0
20 to 24 percent		11 425	404	667	2 802	3 400	2 343	1 152	430	227	4.0
25 to 34 percent		12 421	508	912	3 265	3 473	2 150	1 357	501	255	3.9
35 percent or more		21 081	1 325	2 163	6 306	5 519	2 956	1 854	575	383	3.6
Not computed		5 302	248	312	867	1 101	927	687	463	697	4.6

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

<sup>2</sup>Excludes 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	180 654	161 591	14 186	4 877	89 861	17 262	22 707	17 376	13 641	8 710	9 429	736
<b>ROOMS</b>												
1 room	152	103	17	32	4 180	324	129	338	988	839	1 559	3
2 rooms	461	168	170	123	6 134	344	374	1 238	1 593	1 083	1 445	57
3 rooms	2 865	937	1 387	541	22 591	1 120	3 575	5 967	4 962	3 195	3 632	140
4 rooms	14 174	8 520	3 088	2 566	24 629	2 261	7 238	5 796	4 196	2 769	2 057	312
5 rooms	35 924	30 297	4 328	1 299	15 685	3 502	6 331	2 910	1 495	693	553	201
6 rooms	53 973	50 236	3 500	237	9 594	4 110	4 066	844	323	104	134	13
7 rooms	34 646	33 815	769	62	3 847	2 765	746	235	59	11	26	5
8 rooms or more	38 459	37 515	927	17	3 201	2 836	248	48	25	16	23	5
Median	6.2	6.3	5.1	4.2	4.0	5.8	4.5	3.7	3.4	3.3	3.0	4.0
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	177 672	159 252	13 701	4 719	85 577	16 228	22 351	16 865	12 695	8 093	8 692	653
0.50 or less	97 551	86 331	8 691	2 529	41 927	7 292	10 422	8 451	6 611	4 115	4 702	334
0.51 to 1.00	73 848	67 357	4 527	1 964	38 420	7 630	10 424	7 201	5 570	3 696	3 638	261
1.01 to 1.50	5 606	5 004	415	187	4 200	1 105	1 313	973	364	201	199	45
1.51 or more	2 667	2 560	68	39	1 030	201	192	240	150	81	153	13
Lacking some or all plumbing facilities	2 982	2 339	485	158	4 284	1 034	356	511	946	617	737	83
0.50 or less	2 054	1 582	378	94	1 483	511	195	249	289	127	77	35
0.51 to 1.00	715	590	81	44	2 382	314	119	243	623	427	616	40
1.01 to 1.50	133	107	16	10	173	97	21	9	15	19	12	-
1.51 or more	80	60	10	10	246	112	21	10	19	44	32	8
<b>BEDROOMS</b>												
None	125	77	48	-	5 292	328	244	450	1 081	1 055	2 108	26
1	5 805	2 535	2 840	430	31 116	1 805	5 473	8 322	7 128	3 978	4 171	239
2	34 467	25 811	5 156	3 500	32 597	4 166	11 009	6 936	4 748	2 804	2 591	343
3	89 186	84 062	4 267	857	14 733	5 987	5 783	1 609	675	259	280	140
4 or more	51 118	49 839	1 152	127	6 118	4 957	693	201	45	62	86	74
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	3 436	2 832	44	560	2 735	226	105	473	1 085	576	242	28
1965 to 1968	18 382	16 444	188	1 750	10 277	827	636	1 917	3 162	1 950	1 663	122
1960 to 1964	19 204	17 763	138	1 303	6 958	683	408	1 265	1 306	1 465	1 475	266
1950 to 1959	36 992	35 634	407	951	6 140	1 668	732	664	927	601	1 307	241
1940 to 1949	14 691	14 091	540	60	7 235	1 736	2 008	1 158	1 014	647	672	-
1939 or earlier	87 949	74 827	12 869	253	56 516	12 122	18 818	11 899	6 057	3 471	4 070	79
<b>INCOME IN 1969</b>												
Less than \$2,000	9 633	7 404	1 764	465	11 666	1 785	2 690	2 578	1 774	1 192	1 548	99
\$2,000 to \$2,999	6 173	4 872	1 058	243	5 622	827	1 283	1 138	872	656	779	67
\$3,000 to \$3,999	5 527	4 404	861	262	5 829	893	1 384	1 205	954	590	751	52
\$4,000 to \$4,999	5 459	4 384	818	257	5 789	994	1 414	1 259	827	547	693	55
\$5,000 to \$5,999	5 629	4 563	766	300	6 493	1 095	1 489	1 434	1 008	641	747	79
\$6,000 to \$6,999	6 367	4 972	957	438	6 902	1 228	1 880	1 506	1 019	500	693	76
\$7,000 to \$9,999	25 631	22 088	2 395	1 148	18 652	3 761	5 018	3 622	2 723	1 698	1 628	202
\$10,000 to \$14,999	55 721	51 174	3 317	1 230	19 075	4 259	5 309	3 332	2 786	1 735	1 571	83
\$15,000 to \$24,999	47 755	45 300	1 958	497	8 496	2 049	2 005	1 219	1 494	975	736	18
\$25,000 or more	12 759	12 430	292	37	1 337	371	235	83	184	176	283	5
Median	\$12 300	\$12 700	\$8 100	\$8 200	\$7 400	\$8 400	\$7 700	\$6 700	\$7 400	\$7 400	\$6 300	\$6 200
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	14 565	12 211	1 101	1 253	34 909	5 875	8 117	6 903	6 444	4 010	3 178	382
1968	13 060	11 485	767	808	14 317	2 589	3 591	2 633	2 329	1 431	1 644	100
1967	10 992	9 811	706	475	8 432	1 492	2 272	1 672	1 279	691	960	66
1965 and 1966	20 899	18 851	1 202	846	11 165	2 061	2 850	2 370	1 521	1 064	1 242	57
1960 to 1964	33 445	30 651	1 884	910	10 025	2 234	2 531	1 976	1 136	790	1 282	76
1950 to 1959	45 031	41 649	2 964	418	6 402	1 502	1 818	1 036	678	460	887	21
1949 or earlier	42 640	36 741	5 782	117	4 633	1 532	1 387	679	324	344	360	7
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>					87 285	14 686	22 707	17 376	13 641	8 710	9 429	736
Less than \$50	1 406	226	203	194	2 828	343	476	546	532	462	422	12
\$50 to \$59	1 501	183	274	296	3 871	363	817	960	586	399	611	9
\$60 to \$69	11 578	1 059	3 410	2 910	14 037	1 601	4 725	3 644	1 513	1 148	1 306	151
\$70 to \$79	19 386	2 753	6 572	4 198	21 547	3 495	4 378	3 888	4 893	2 760	2 054	100
\$80 to \$89	6 353	1 974	979	479	6 353	1 974	979	479	1 210	969	737	5
\$100 to \$119	836	369	25	17	No cash rent	836	369	25	17	33	309	6
\$120 to \$149	3 942	2 320	848	244	Median	3 942	2 320	848	244	116	160	165
\$150 to \$199	\$130	\$146	\$125	\$120						\$140	\$127	\$94
\$200 to \$299	29 441	2 383	3 766	5 655	45 497	11 451	15 595	8 593	4 743	2 684	2 037	394
\$300 or more	4 394	385	333	853	2 360	2 002	557	504	423	201	145	11
No cash rent	8 478	2 479	2 480	1 846	8 478	2 479	2 480	1 846	736	333	331	51
Median	49	7	29	6								7
<b>HEATING EQUIPMENT</b>												
Steam or hot water	25 904	22 843	3 014	47	29 441	2 383	3 766	5 655	6 653	4 752	6 232	-
Warm-air furnace	141 741	128 176	9 828	3 737	45 497	11 451	15 595	8 593	4 743	2 684	2 037	-
Built-in electric units	1 889	1 662	115	112	4 394	385	333	853	1 308	796	708	-
Floor, wall, or pipeless furnace	2 360	2 065	170	125	2 002	557	504	423	201	145	121	-
Other means	8 723	6 813	1 054	856	8 478	2 479	2 480	1 846	736	333	331	-
None	37	32	5	-	49	7	29	6	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	29 959	26 937	2 241	781	18 454	1 768	2 073	3 538	5 243	3 199	2 531	102
Central system	4 792	4 435	218	139	2 652	418	169	215	744	590	499	17
None	145 881	130 027	11 947	3 907	68 777	15 099	20 324	13 516	7 724	5 001	6 523	590
<b>AUTOMOBILES AVAILABLE</b>												
1	92 004	80 958	7 826	3 220	49 728	9 507	13 003	9 317	7 817	5 012	4 565	507
2	64 212	60 303	2 725	1 184	13 181	3 914	3 182	1 800	2 118	1 279	800	88
3 or more	10 860	10 241	530	89	1 830	772	314	184	305	125	124	6
None	13 556	9 897	3 325	334	25 144	3 092	6 067	5 968	3 471	2 374	4 064	108

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA	Total	Two-or-more-person households									One-person households	
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
<b>Owner occupied housing units</b> -----	<b>180 654</b>	<b>2 516</b>	<b>26 934</b>	<b>33 784</b>	<b>61 910</b>	<b>18 807</b>	<b>3 831</b>	<b>1 503</b>	<b>8 642</b>	<b>3 651</b>	<b>8 050</b>	<b>11 026</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> -----	<b>177 672</b>	<b>2 487</b>	<b>26 768</b>	<b>33 568</b>	<b>61 136</b>	<b>18 346</b>	<b>3 719</b>	<b>1 404</b>	<b>8 505</b>	<b>3 505</b>	<b>7 801</b>	<b>10 433</b>
0.50 or less -----	97 551	1 140	8 005	6 700	35 586	15 980	2 323	1 142	5 509	2 962	7 780	10 424
0.51 to 1.00 -----	73 848	1 301	17 628	24 077	23 863	2 266	1 256	249	2 662	516	21	9
1.01 to 1.50 -----	5 606	31	1 060	2 493	1 506	75	109	13	314	5	-	-
1.51 or more -----	667	15	75	298	181	25	31	-	20	22	-	-
<b>Lacking some or all plumbing facilities</b> -----	<b>2 982</b>	<b>29</b>	<b>166</b>	<b>216</b>	<b>774</b>	<b>461</b>	<b>112</b>	<b>99</b>	<b>137</b>	<b>144</b>	<b>249</b>	<b>593</b>
0.50 or less -----	2 054	15	54	24	402	364	75	75	90	117	249	589
0.51 to 1.00 -----	715	14	85	137	295	87	27	24	19	23	-	4
1.01 to 1.50 -----	133	-	21	40	44	10	-	-	8	-	-	-
1.51 or more -----	80	-	6	15	33	-	-	-	20	6	-	-
<b>UNITS IN STRUCTURE</b>												
1 -----	161 591	1 507	24 612	32 211	57 663	15 984	3 302	1 246	7 439	3 078	5 880	8 649
2 or more -----	14 186	327	1 384	1 164	3 402	2 358	373	216	993	529	1 464	1 976
Mobile home or trailer -----	4 877	682	938	409	845	465	156	41	210	44	706	381
<b>INCOME IN 1969</b>												
Less than \$2,000 -----	9 633	63	231	228	626	1 058	143	169	757	506	1 203	4 649
\$2,000 to \$2,999 -----	6 173	22	96	89	375	1 778	80	142	370	256	501	2 466
\$3,000 to \$3,999 -----	5 527	65	102	92	421	2 139	81	109	431	274	577	2 364
\$4,000 to \$4,999 -----	5 459	85	131	173	647	2 049	90	87	568	265	643	721
\$5,000 to \$5,999 -----	5 629	139	233	302	1 061	1 553	118	72	657	252	782	460
\$6,000 to \$6,999 -----	6 367	157	559	573	1 270	1 300	230	103	700	244	851	380
\$7,000 to \$9,999 -----	25 631	837	4 621	3 825	7 198	3 088	675	228	1 900	728	1 981	551
\$10,000 to \$14,999 -----	55 721	916	13 379	13 405	19 493	3 042	1 129	269	1 988	668	1 055	363
\$15,000 to \$24,999 -----	47 755	203	6 784	12 159	23 697	1 879	955	236	980	372	365	125
\$25,000 or more -----	12 759	29	804	2 938	7 122	901	380	88	291	67	92	77
Median -----	\$12 300	\$9 600	\$12 800	\$14 300	\$15 000	\$6 600	\$12 200	\$7 900	\$8 300	\$7 100	\$6 400	\$2 400
<b>VALUE-INCOME RATIO</b>												
<b>Specified owner occupied<sup>1</sup></b> -----	<b>150 061</b>	<b>1 398</b>	<b>23 525</b>	<b>30 439</b>	<b>53 019</b>	<b>14 444</b>	<b>2 916</b>	<b>1 094</b>	<b>7 048</b>	<b>2 867</b>	<b>5 390</b>	<b>7 921</b>
Less than 1.5 -----	56 649	466	6 756	11 100	28 361	3 553	1 564	466	2 067	946	1 013	357
1.5 to 1.9 -----	34 204	336	7 062	8 759	12 362	1 939	571	142	1 274	394	909	456
2.0 to 2.4 -----	21 482	265	5 186	5 706	5 781	1 732	299	116	835	333	771	458
2.5 to 2.9 -----	10 855	113	2 243	2 383	2 710	1 387	126	58	618	181	550	486
3.0 to 3.9 -----	10 252	99	1 577	1 584	2 085	2 148	123	101	776	296	649	814
4.0 or more -----	16 011	119	691	902	1 643	3 642	223	211	1 320	677	1 370	5 213
Not computed -----	608	-	10	5	77	43	10	-	158	40	128	137
<b>Renter occupied housing units</b> -----	<b>89 861</b>	<b>9 365</b>	<b>16 042</b>	<b>6 416</b>	<b>9 478</b>	<b>4 132</b>	<b>3 939</b>	<b>538</b>	<b>11 136</b>	<b>1 217</b>	<b>18 001</b>	<b>9 597</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> -----	<b>85 577</b>	<b>9 283</b>	<b>15 858</b>	<b>6 237</b>	<b>9 179</b>	<b>3 979</b>	<b>3 807</b>	<b>483</b>	<b>10 868</b>	<b>1 186</b>	<b>16 027</b>	<b>8 670</b>
0.50 or less -----	41 927	2 447	3 237	965	4 001	2 186	1 627	282	3 763	795	14 670	7 954
0.51 to 1.00 -----	38 420	6 423	10 952	4 205	4 536	1 744	1 926	171	6 024	366	1 357	716
1.01 to 1.50 -----	4 200	320	1 377	877	498	38	183	11	883	13	-	-
1.51 or more -----	1 030	93	292	190	124	11	71	19	198	12	-	-
<b>Lacking some or all plumbing facilities</b> -----	<b>4 284</b>	<b>82</b>	<b>184</b>	<b>179</b>	<b>299</b>	<b>153</b>	<b>132</b>	<b>55</b>	<b>268</b>	<b>31</b>	<b>1 974</b>	<b>927</b>
0.50 or less -----	1 483	11	19	15	85	78	21	25	52	12	714	451
0.51 to 1.00 -----	2 382	48	84	94	114	61	73	25	134	13	1 260	476
1.01 to 1.50 -----	173	18	41	53	29	5	11	-	10	6	-	-
1.51 or more -----	246	5	40	17	71	9	27	5	72	-	-	-
<b>UNITS IN STRUCTURE</b>												
1 -----	17 262	1 167	3 754	2 659	2 888	738	838	182	2 112	214	1 654	1 056
2 to 4 -----	40 083	5 209	7 781	2 591	4 095	1 688	1 720	158	6 014	579	6 649	3 599
5 to 19 -----	22 351	2 356	3 581	858	1 685	940	1 022	109	2 210	286	6 753	2 551
20 or more -----	9 429	487	785	252	739	708	327	89	758	138	2 822	2 324
Mobile home or trailer -----	736	146	141	56	71	58	32	-	42	-	123	67
<b>GROSS RENT</b>												
<b>Specified renter occupied<sup>2</sup></b> -----	<b>87 285</b>	<b>9 214</b>	<b>15 496</b>	<b>5 884</b>	<b>8 991</b>	<b>4 039</b>	<b>3 816</b>	<b>498</b>	<b>10 955</b>	<b>1 199</b>	<b>17 797</b>	<b>9 396</b>
Less than \$50 -----	1 406	39	46	4	83	55	25	18	27	11	602	496
\$50 to \$59 -----	1 501	19	98	22	82	60	48	32	75	29	586	450
\$60 to \$69 -----	2 828	46	131	60	202	139	57	22	198	59	1 177	730
\$70 to \$79 -----	3 871	196	280	114	229	165	87	37	295	46	1 332	1 070
\$80 to \$99 -----	11 578	819	1 161	611	977	570	447	68	1 415	154	3 593	1 883
\$100 to \$119 -----	14 037	1 656	2 213	891	1 278	683	556	48	2 102	172	3 127	1 345
\$120 to \$149 -----	19 386	2 999	3 974	1 174	2 013	751	815	66	2 749	284	3 318	1 243
\$150 to \$199 -----	21 547	2 953	5 428	1 740	2 236	837	1 020	91	2 864	263	3 119	976
\$200 to \$299 -----	6 353	286	1 633	941	960	284	540	40	906	82	406	275
\$300 or more -----	836	4	94	161	139	88	65	12	56	4	71	142
No cash rent -----	3 942	197	438	340	792	387	156	64	268	95	426	779
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
<b>Specified renter occupied<sup>2</sup></b> -----	<b>87 285</b>	<b>9 214</b>	<b>15 496</b>	<b>5 884</b>	<b>8 991</b>	<b>4 039</b>	<b>3 816</b>	<b>498</b>	<b>10 955</b>	<b>1 199</b>	<b>17 797</b>	<b>9 396</b>
Less than \$5,000 -----	28 085	1 594	1 019	410	942	1 808	1 339	274	5 495	553	7 009	7 642
Less than 20 percent -----	833	26	30	5	39	47	42	11	97	14	352	170
20 to 24 percent -----	1 299	68	15	27	39	118	38	6	136	21	595	236
25 to 34 percent -----	4 257	268	225	68	146	342	177	50	679	50	1 284	968
35 percent or more -----	18 760	1 158	642	272	625	1 074	968	159	3 995	406	4 086	5 375
Not computed -----	2 936	74	107	38	93	227	114	48	588	62	692	893
\$5,000 to \$9,999 -----	31 136	4 279	5 621	2 042	2 616	1 316	1 548	125	4 105	389	7 881	1 214
Less than 20 percent -----	12 412	1 771	2 107	751	1 131	407	560	42	1 113	157	3 892	481
20 to 24 percent -----	7 754	1 163	1 580	448	651	270	345	21	966	82	1 973	255
25 to 34 percent -----	7 496	1 052	1 397	546	435	417	364	36	1 327	101	1 482	339
35 percent or more -----	2 223	193	279	171	127	142	204	5	589	32	356	125
Not computed -----	1 251	100	258	126	272	80	75	21	110	17	178	14
\$10,000 to \$14,999 -----	18 543	2 734	5 966	2 119	2 924	516	624	69	995	118	2 209	269
Less than 20 percent -----	14 972	2 513	4 826	1 519	2 342	341	470	63	743	82	1 920	153
20 to 24 percent -----	2 227	171	819	329	280	61	114	-	156	10	240	41
25 percent or more -----	693	19	217	179	69	34	23	6	56	10	22	22
Not computed -----	651	31	104	92	233	80	17	-	40	10	22	22
\$15,000 or more -----	9 521	607	2 890	1 313	2 509	399	305	30	360	139	698	271
Less than 2												

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
<b>Owner occupied housing units</b>	<b>180 654</b>	<b>19 076</b>	<b>50 001</b>	<b>31 440</b>	<b>33 862</b>	<b>23 129</b>	<b>12 494</b>	<b>6 258</b>	<b>4 394</b>	<b>3.2</b>
<b>BEDROOMS</b>										
None and 1	5 930	2 618	2 611	325	146	105	67	38	20	1.6
2	34 467	6 424	17 424	6 739	2 867	747	120	95	51	2.1
3	89 186	7 443	22 455	17 551	21 833	12 872	4 837	1 698	497	3.3
4 or more	51 118	3 157	7 424	6 542	8 700	9 464	7 384	4 400	4 047	4.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	3 436	115	744	742	902	541	243	88	61	3.6
1965 to 1968	18 382	638	2 954	3 192	5 230	3 446	1 735	791	396	4.0
1960 to 1964	19 204	870	3 488	3 112	4 753	3 682	1 940	836	523	3.9
1950 to 1959	36 992	2 377	10 340	7 187	7 555	4 960	2 611	1 190	772	3.3
1940 to 1949	14 691	1 522	4 930	2 836	2 719	1 530	656	295	203	2.8
1939 or earlier	87 949	13 554	27 545	14 371	12 703	8 970	5 309	3 058	2 439	2.7
<b>UNITS IN STRUCTURE</b>										
1	161 591	14 549	43 233	28 334	31 514	21 876	11 901	5 926	4 258	3.3
2 or more	14 186	3 440	5 039	2 159	1 706	992	465	277	108	2.2
Mobile home or trailer	4 877	1 087	1 729	947	642	261	128	55	28	2.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	144 814	15 958	42 339	26 046	26 851	17 383	8 979	4 349	2 909	3.0
2 and 2 1/2	28 657	1 744	5 578	4 435	6 072	5 048	3 040	1 589	1 151	3.9
3 or more	3 777	277	830	447	565	481	347	231	198	3.7
None or also used by another household	3 784	1 021	1 190	609	380	233	148	133	71	2.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>161 578</b>	...	<b>50 001</b>	<b>31 440</b>	<b>33 862</b>	<b>23 129</b>	<b>12 494</b>	<b>6 258</b>	<b>4 394</b>	<b>3.5</b>
Male head, wife present, no nonrelatives	143 951	...	41 061	27 532	31 682	21 810	11 906	5 837	4 123	3.6
Under 25 years	2 516	...	776	899	585	163	56	22	15	3.0
25 to 34 years	26 934	...	2 589	4 845	9 798	5 775	2 520	1 000	407	4.1
35 to 44 years	33 784	...	1 584	3 226	8 898	8 972	5 781	3 056	2 267	4.9
45 to 64 years	61 910	...	21 553	15 673	11 599	6 573	3 424	1 708	1 380	3.1
65 years and over	18 807	...	14 559	2 889	802	327	125	51	54	2.1
Other male head	5 334	...	1 115	647	415	199	180	123	5	2.5
Under 65 years	3 831	...	1 676	837	518	338	173	171	118	2.8
65 years and over	1 503	...	979	278	129	77	26	9	5	2.3
Female head	12 293	...	6 285	2 793	1 533	904	389	241	148	2.8
Under 65 years	8 642	...	3 716	2 108	1 337	780	335	224	142	2.8
65 years and over	3 651	...	2 569	685	196	124	54	17	6	2.2
<b>One-person households</b>	<b>19 076</b>	<b>19 076</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>150 061</b>	<b>13 311</b>	<b>39 579</b>	<b>26 314</b>	<b>29 887</b>	<b>20 582</b>	<b>11 087</b>	<b>5 454</b>	<b>3 845</b>	<b>3.3</b>
Less than 1.5	56 649	1 370	13 646	12 361	11 641	8 308	4 854	2 413	2 056	3.6
1.5 to 1.9	34 204	1 365	8 275	6 104	7 905	5 646	2 806	1 273	830	3.7
2.0 to 2.4	21 482	1 229	5 045	3 344	5 300	3 398	1 753	953	460	3.7
2.5 to 2.9	10 855	1 036	2 951	1 724	2 288	1 489	733	381	253	3.3
3.0 to 3.9	10 252	1 463	3 734	1 407	1 633	1 080	539	253	143	2.5
4.0 or more	16 011	6 583	5 744	1 321	1 076	635	379	174	99	1.7
Not computed	608	265	184	53	44	26	23	9	4	1.7
<b>Renter occupied housing units</b>	<b>89 861</b>	<b>27 598</b>	<b>26 798</b>	<b>14 298</b>	<b>9 759</b>	<b>5 338</b>	<b>2 977</b>	<b>1 759</b>	<b>1 334</b>	<b>2.1</b>
<b>BEDROOMS</b>										
None	5 292	4 814	350	77	-	27	-	24	-	1.0
1	31 116	16 038	12 167	1 923	566	220	72	111	19	1.5
2	32 597	4 724	11 490	9 124	4 982	1 496	492	225	64	2.5
3 or more	20 851	1 382	2 870	3 562	4 475	3 583	2 426	1 433	1 120	4.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	2 735	528	1 149	558	333	106	33	23	5	2.2
1965 to 1968	10 277	2 621	4 190	1 904	1 032	340	114	24	52	2.1
1960 to 1964	6 958	2 012	2 778	1 104	695	222	85	41	21	2.0
1950 to 1959	6 140	1 746	2 031	973	647	401	176	102	64	2.2
1940 to 1949	7 235	1 819	2 059	1 455	979	361	264	129	169	2.4
1939 or earlier	56 516	18 872	14 591	8 304	6 073	3 908	2 305	1 440	1 023	2.1
<b>UNITS IN STRUCTURE</b>										
1	17 262	2 710	3 877	2 615	2 793	2 179	1 337	929	822	3.3
2	22 707	4 573	6 563	4 676	3 503	1 735	962	458	237	2.5
3 and 4	17 376	5 675	5 789	2 892	1 479	741	382	252	166	2.0
5 to 9	13 641	5 510	4 741	1 966	888	339	117	41	39	1.8
10 to 19	8 710	3 794	2 706	1 231	690	180	73	20	16	1.7
20 or more	9 429	5 146	2 859	787	327	130	90	46	44	1.4
Mobile home or trailer	736	190	263	131	79	34	16	13	10	2.2
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	81 465	23 784	25 350	13 285	9 115	4 800	2 540	1 485	1 106	2.2
2 or more	2 848	548	723	461	313	272	223	177	131	2.8
None or also used by another household	5 570	3 375	738	442	374	250	138	111	142	1.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>62 263</b>	...	<b>26 798</b>	<b>14 298</b>	<b>9 759</b>	<b>5 338</b>	<b>2 977</b>	<b>1 759</b>	<b>1 334</b>	<b>2.8</b>
Male head, wife present, no nonrelatives	45 433	...	18 273	10 667	7 596	4 152	2 333	1 372	1 040	2.9
Under 25 years	9 365	...	4 571	3 139	1 174	288	138	30	25	2.5
25 to 34 years	16 042	...	4 572	4 056	3 838	1 919	839	531	287	3.4
35 to 44 years	6 416	...	1 096	978	1 267	1 172	901	506	496	4.4
45 to 64 years	9 478	...	4 548	2 079	1 195	719	411	300	226	2.6
65 years and over	4 132	...	3 486	415	122	54	44	5	6	2.1
Other male head	4 477	...	2 729	858	490	218	108	63	11	2.3
Under 65 years	3 939	...	2 342	765	456	203	105	57	11	2.3
65 years and over	538	...	387	93	34	15	3	6	-	2.2
Female head	12 353	...	5 796	2 773	1 673	968	536	324	283	2.6
Under 65 years	11 136	...	4 846	2 607	1 609	949	527	320	278	2.8
65 years and over	1 217	...	950	166	64	19	9	4	5	2.1
<b>One-person households</b>	<b>27 598</b>	<b>27 598</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>87 285</b>	<b>27 193</b>	<b>26 336</b>	<b>13 938</b>	<b>9 344</b>	<b>4 968</b>	<b>2 788</b>	<b>1 563</b>	<b>1 155</b>	<b>2.1</b>
Less than 10 percent	6 304	1 440	2 290	1 097	687	432	183	110	65	2.2
10 to 14 percent	15 227	2 981	5 662	2 940	1 771	946	496	242	189	2.3
15 to 19 percent	15 525	3 445	5 072	2 855	2 078	973	583	264	255	2.4
20 to 24 percent	11 425	3 365	3 194	2 005	1 405	696	317	254	189	2.2
25 to 34 percent	12 421	4 132	3 523	1 741	1 294	729	491	301	210	2.1
35 percent or more	21 081	9 979	5 210	2 519	1 575	884	456	263	195	1.6
Not computed	5 302	1 851	1 385	781	534	308	262	129	52	2.1

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

<sup>2</sup>Excludes 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
<b>Vacant for sale</b> .....	1 118	263	395	460	<b>Vacant for rent</b> .....	4 719	2 604	1 281	834
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	46	12	13	21	1 room .....	352	197	101	54
4 rooms .....	117	24	47	46	2 rooms .....	376	203	120	53
5 rooms .....	221	52	79	90	3 rooms .....	1 265	802	319	144
6 rooms .....	303	70	107	126	4 rooms .....	1 368	694	395	279
7 rooms or more .....	431	105	149	177	5 rooms .....	863	491	182	190
<b>PLUMBING FACILITIES</b>					6 rooms .....	358	165	107	86
With all plumbing facilities .....	1 032	259	384	389	7 rooms or more .....	137	52	57	28
Lacking some or all plumbing facilities .....	86	4	11	71	<b>PLUMBING FACILITIES</b>				
<b>BEDROOMS</b>					With all plumbing facilities .....	4 297	2 405	1 159	733
None and 1 .....	48	12	—	36	Lacking some or all plumbing facilities .....	422	199	122	101
2 .....	239	28	91	120	<b>BEDROOMS</b>				
3 .....	382	168	146	68	None .....	521	257	167	97
4 or more .....	376	83	118	175	1 .....	1 971	1 178	540	253
<b>YEAR STRUCTURE BUILT</b>					2 .....	1 916	980	518	418
1969 to March 1970 .....	132	37	43	52	3 or more .....	594	147	213	234
1960 to 1968 .....	175	49	62	64	<b>YEAR STRUCTURE BUILT</b>				
1950 to 1959 .....	125	24	62	39	1969 to March 1970 .....	762	516	109	137
1949 or earlier .....	686	153	228	305	1960 to 1968 .....	729	379	202	148
<b>UNITS IN STRUCTURE</b>					1950 to 1959 .....	192	134	43	15
1 .....	939	213	347	379	1949 or earlier .....	3 036	1 575	927	534
2 or more .....	179	50	48	81	<b>UNITS IN STRUCTURE</b>				
<b>HEATING EQUIPMENT</b>					1 .....	695	320	214	161
Steam or hot water .....	150	37	56	57	2 to 4 .....	1 620	841	469	310
Warm-air furnace .....	818	205	283	330	5 to 9 .....	914	521	269	124
Built-in electric units .....	17	4	6	7	10 to 19 .....	1 060	656	214	190
Floor, wall, or pipeless furnace .....	37	4	16	17	20 or more .....	430	266	115	49
Other means .....	68	13	30	25	<b>RENT ASKED</b>				
None .....	28	—	4	24	<b>Specified vacant for sale<sup>1</sup></b> .....	4 585	2 521	1 259	805
<b>SALES PRICE ASKED</b>					Less than \$50 .....	179	75	61	43
Less than \$5,000 .....	849	202	317	330	\$50 to \$59 .....	243	108	84	51
\$5,000 to \$9,999 .....	27	4	4	31	\$60 to \$79 .....	596	262	169	165
\$10,000 to \$14,999 .....	54	4	19	31	\$80 to \$99 .....	759	396	254	109
\$15,000 to \$19,999 .....	199	37	52	110	\$100 to \$119 .....	619	343	184	92
\$20,000 to \$24,999 .....	140	46	64	30	\$120 to \$149 .....	619	384	157	62
\$25,000 to \$34,999 .....	151	26	61	61	\$150 to \$199 .....	1 135	766	224	145
\$35,000 to \$49,999 .....	188	44	91	53	\$200 or more .....	451	187	126	138
\$50,000 or more .....	69	35	15	7	Median rent asked .....	\$117	\$126	\$107	\$108
Median price asked .....	\$20 100	\$21 900	\$21 500	\$15 800					

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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 <sup>1</sup>							Rent asked—Vacant for rent <sup>2</sup>						
	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
<b>Total</b> .....	849	81	199	140	151	188	90	4 585	422	596	759	1 222	1 135	451
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	705	93	158	100	153	135	66	4 281	191	567	752	1 138	1 207	426
Lacking some or all plumbing facilities .....	85	55	30	—	—	—	—	540	235	112	124	42	—	27
<b>BEDROOMS</b>														
None and 1 .....	—	—	—	—	—	—	—	2 474	297	357	494	739	503	84
2 .....	166	87	43	—	36	—	—	1 883	36	178	343	331	652	343
3 .....	370	—	103	87	102	61	17	331	32	132	39	69	33	26
4 or more .....	254	61	42	13	15	74	49	133	61	12	—	41	19	—
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	125	3	10	18	28	36	30	710	9	—	5	40	514	142
1960 to 1968 .....	153	—	21	9	40	51	32	720	17	15	32	99	365	192
1950 to 1959 .....	125	4	19	11	19	66	6	184	13	32	17	35	56	31
1949 or earlier .....	446	74	149	102	64	35	22	2 971	383	549	705	1 048	200	86
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	561	92	85	94	137	67	86
2 to 4 .....	...	...	...	...	...	...	...	1 620	132	279	387	581	199	42
5 to 19 .....	...	...	...	...	...	...	...	1 974	172	184	209	396	768	245
20 or more .....	...	...	...	...	...	...	...	430	26	48	69	108	101	78
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	1 786	208	320	364	582	170	142
Some or no utilities included .....	...	...	...	...	...	...	...	2 799	214	276	395	640	965	309

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

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

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

**The SMSA**

	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
<b>Specified owner occupied<sup>1</sup></b>	<b>3 049</b>	<b>132</b>	<b>235</b>	<b>518</b>	<b>626</b>	<b>523</b>	<b>626</b>	<b>136</b>	<b>182</b>	<b>59</b>	<b>12</b>	<b>12 600</b>
<b>ROOMS</b>												
1 and 2 rooms	23	17	—	—	—	—	6	—	—	—	—	...
3 rooms	21	10	5	—	—	—	6	—	—	—	—	...
4 rooms	105	25	14	26	—	15	20	5	—	—	—	8 800
5 rooms	370	19	30	80	104	36	60	15	23	3	—	11 300
6 rooms	785	33	65	112	126	174	172	45	42	16	—	13 300
7 rooms	792	24	71	126	212	134	148	38	28	11	—	12 100
8 rooms or more	953	4	50	174	184	164	214	33	29	12	—	13 500
Median	6.8	5.2	6.5	6.8	6.9	6.8	6.8	6.6	7.4	...	...	...
<b>PERSONS</b>												
1 person	195	36	41	35	21	30	24	—	5	3	—	9 000
2 persons	496	26	36	68	151	78	76	14	42	5	—	12 000
3 persons	481	12	30	79	95	60	139	10	29	21	6	13 500
4 persons	444	7	35	60	38	81	138	30	35	20	—	15 000
5 persons	461	16	13	79	66	109	94	47	31	6	—	13 800
6 persons or more	972	35	80	197	255	165	155	35	40	4	6	11 700
Median	4.3	2.8	3.8	4.7	4.6	4.6	4.0	4.8	3.9	...	...	...
Units with roomers, boarders, or lodgers	197	6	19	52	31	40	26	15	8	—	—	11 700
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>												
0.50 or less	1 168	38	99	167	267	178	262	29	78	44	6	12 700
0.51 to 1.00	1 428	28	70	256	250	292	325	93	93	15	6	13 400
1.01 to 1.50	297	18	24	84	91	33	22	14	11	—	—	10 600
1.51 or more	77	—	27	6	12	15	17	—	—	—	—	...
<b>Lacking some or all plumbing facilities</b>												
0.50 or less	79	48	15	5	6	5	—	—	—	—	—	...
0.51 to 1.00	37	17	15	—	—	—	—	—	—	—	—	...
1.01 to 1.50	26	15	—	5	6	—	—	—	—	—	—	...
1.51 or more	16	16	—	—	—	—	—	—	—	—	—	...
<b>BEDROOMS</b>												
None and 1	98	39	17	21	—	—	21	—	—	—	—	...
2	193	40	57	18	—	60	18	—	—	—	—	...
3	1 122	18	111	156	195	238	242	57	66	39	—	13 400
4 or more	1 450	41	100	259	333	280	273	42	102	20	—	12 400
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	22	—	—	—	—	—	—	—	16	—	6	...
1965 to 1968	137	—	6	—	5	10	—	21	65	30	—	29 100
1960 to 1964	114	18	—	8	—	—	20	10	45	5	—	21 500
1950 to 1959	280	24	11	29	19	39	86	39	28	5	—	16 100
1940 to 1949	261	—	16	44	56	67	56	10	7	5	—	13 000
1939 or earlier	2 235	90	202	437	538	407	464	56	21	14	6	11 800
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	2 475	77	195	488	515	397	505	121	129	39	9	12 300
2 and 2 1/2	477	7	16	51	120	78	120	15	49	13	8	13 900
3 or more	45	—	—	—	8	13	6	6	5	7	—	...
None or also used by another household	83	44	18	7	8	6	—	—	—	—	—	...
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>												
Male head, wife present, no nonrelatives	2 233	67	152	318	455	412	498	113	150	56	12	13 300
Under 25 years	26	—	—	11	—	4	—	—	—	—	—	...
25 to 34 years	639	11	21	75	160	94	173	54	35	10	6	13 900
35 to 44 years	715	23	43	99	100	167	182	24	62	15	—	13 900
45 to 64 years	764	22	78	116	166	135	129	29	53	31	6	12 500
65 years and over	89	11	10	17	18	12	15	6	—	—	—	...
Other male head	147	5	4	38	39	21	24	5	11	—	—	11 700
Under 65 years	116	5	4	33	24	21	18	—	11	—	—	11 700
65 years and over	31	—	—	5	15	—	6	5	—	—	—	...
Female head	474	24	38	127	111	60	80	18	16	—	—	11 100
Under 65 years	436	24	23	127	104	49	80	13	16	—	—	11 100
65 years and over	38	—	15	—	7	11	—	5	—	—	—	...
One-person households	195	36	41	35	21	30	24	—	5	3	—	9 000
Under 65 years	134	26	31	17	17	19	19	—	5	—	—	9 000
65 years and over	61	10	10	18	4	11	5	—	—	3	—	...
<b>INCOME IN 1969</b>												
Less than \$2,000	113	10	19	27	21	18	5	5	5	3	—	10 100
\$2,000 to \$2,999	85	17	5	6	5	22	14	—	16	—	—	...
\$3,000 to \$3,999	112	26	—	42	18	15	11	—	—	—	—	9 300
\$4,000 to \$4,999	91	5	16	34	11	15	—	4	6	—	—	...
\$5,000 to \$5,999	186	8	21	73	44	20	20	—	—	—	—	9 700
\$6,000 to \$6,999	177	12	27	36	51	22	17	—	6	—	6	10 700
\$7,000 to \$9,999	595	21	40	138	144	119	85	26	16	6	—	11 700
\$10,000 to \$14,999	982	24	68	113	196	192	275	41	58	15	—	13 700
\$15,000 to \$24,999	629	4	35	49	130	92	179	55	64	21	—	15 100
\$25,000 or more	79	—	—	—	6	8	20	5	11	14	6	...
Median	\$10 800	\$6 000	\$9 200	\$7 900	\$10 500	\$10 800	\$12 900	\$14 000	\$13 600	...	...	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	513	4	8	69	106	79	160	39	40	—	8	14 700
1968	446	20	13	57	78	58	132	27	41	20	—	14 900
1967	367	—	18	65	118	72	53	20	21	—	—	12 100
1965 and 1966	527	23	50	114	73	92	90	22	39	24	—	12 600
1960 to 1964	539	36	47	105	104	92	100	14	34	7	—	12 000
1950 to 1959	499	38	49	104	146	70	61	14	8	—	9	11 000
1949 or earlier	189	7	44	32	26	31	35	6	—	—	—	11 100
<b>HEATING EQUIPMENT</b>												
Steam or hot water	288	—	16	47	44	59	58	20	39	5	—	14 100
Warm-air furnace	2 059	60	132	333	461	345	447	96	134	45	6	12 800
Built-in electric units	37	5	6	17	—	—	9	—	—	—	—	...
Floor, wall, or pipeless furnace	82	6	7	6	24	27	12	—	—	—	—	...
Other means	583	61	74	115	97	92	100	20	9	9	6	11 100
None	—	—	—	—	—	—	—	—	—	—	—	—
<b>AIR CONDITIONING</b>												
Room unit(s)	333	8	10	61	83	30	72	22	32	6	9	12 900
Central system	85	—	4	16	12	6	25	7	8	—	—	...
None	2 662	120	215	469	556	458	534	113	144	45	8	12 400

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

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

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

The SMSA		Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
<b>Specified renter occupied<sup>1</sup></b>		<b>10 446</b>	<b>237</b>	<b>183</b>	<b>522</b>	<b>556</b>	<b>1 913</b>	<b>2 201</b>	<b>2 729</b>	<b>1 598</b>	<b>320</b>	<b>29</b>	<b>158</b>	<b>116</b>
<b>ROOMS</b>														
1 room	444	89	14	119	74	74	26	10	—	—	—	11	27	69
2 rooms	667	49	27	104	75	219	112	43	10	6	4	4	18	85
3 rooms	2 004	70	57	98	168	514	553	400	124	4	6	—	10	103
4 rooms	2 743	12	74	79	134	538	725	740	337	76	—	—	28	114
5 rooms	2 394	17	11	88	54	377	502	765	511	58	—	—	11	126
6 rooms	1 367	—	—	21	28	153	174	536	371	67	—	—	17	137
7 rooms	482	—	—	13	17	21	54	148	148	68	8	—	5	147
8 rooms or more	345	—	—	—	6	17	55	87	97	41	—	—	42	145
Median	4.3	2.1	3.4	2.9	3.3	3.8	4.1	4.7	5.1	5.7	—	—	4.4	—
<b>PERSONS</b>														
1 person	2 180	179	61	264	272	515	381	322	106	32	11	—	37	91
2 persons	2 268	49	47	93	119	546	557	494	273	49	6	—	35	109
3 persons	1 772	—	39	41	57	277	422	581	293	47	—	—	15	122
4 persons	1 455	—	10	51	39	241	340	448	224	75	—	—	27	122
5 persons	992	5	11	38	13	154	190	298	231	38	8	—	6	128
6 persons or more	1 779	4	15	35	56	180	311	586	471	79	4	—	38	134
Median	2.9	1.2	2.1	1.5	1.6	2.3	2.9	3.4	4.1	3.9	—	—	3.0	—
Units with roomers, boarders, or lodgers	442	6	17	19	15	38	88	163	68	19	4	—	5	127
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>														
<b>With all plumbing facilities</b>														
0.50 or less	3 251	85	54	164	247	686	701	791	377	99	—	—	47	110
0.51 to 1.00	4 660	27	87	164	131	767	1 039	1 352	851	172	4	—	66	122
1.01 to 1.50	1 360	4	16	23	25	214	306	430	298	44	—	—	—	126
1.51 or more	383	—	4	19	29	72	88	88	53	5	—	—	4	21
<b>Lacking some or all plumbing facilities</b>														
0.50 or less	792	121	22	152	124	174	67	68	19	—	—	21	24	77
0.51 to 1.00	217	33	5	41	33	46	22	13	4	—	—	6	14	77
1.01 to 1.50	378	70	12	90	64	82	25	16	—	—	—	9	10	72
1.51 or more	81	—	5	4	14	24	11	23	—	—	—	—	—	—
1.51 or more	116	18	—	17	13	22	9	16	15	—	—	6	—	85
<b>BEDROOMS</b>														
None	455	30	—	191	130	63	—	17	—	—	—	—	24	70
1	3 059	78	40	135	280	774	877	586	222	23	27	—	17	105
2	4 236	22	130	49	220	672	981	1 204	767	162	—	—	29	121
3 or more	2 932	—	—	77	75	347	410	954	772	190	—	—	107	136
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970	210	—	5	16	10	62	39	50	17	11	—	—	—	106
1965 to 1968	444	42	6	9	9	68	63	35	113	76	4	—	19	133
1960 to 1964	1 376	11	—	11	22	66	103	71	71	4	12	5	—	115
1950 to 1959	667	9	45	90	47	177	90	143	60	6	—	—	—	93
1940 to 1949	1 344	24	68	58	71	218	318	327	222	19	—	—	19	114
1939 or earlier	7 405	151	59	338	397	1 322	1 588	2 103	1 115	204	13	—	115	117
<b>ELEVATOR IN STRUCTURE</b>														
4 floors or more	950	34	130	117	88	261	127	168	25	—	—	—	—	85
With elevator	804	34	130	117	63	231	81	123	25	—	—	—	—	83
Walk-up	146	—	—	—	25	30	46	45	—	—	—	—	—	—
1 to 3 floors	9 732	96	40	335	617	1 595	2 141	2 593	1 736	375	27	—	177	120
<b>COMPLETE BATHROOMS</b>														
1 and 1/2	9 196	106	141	394	398	1 669	2 077	2 541	1 470	283	4	—	113	118
2 or more	1 996	15	12	12	—	12	18	25	76	18	—	—	8	150
None or also used by another household	1 058	137	39	149	134	241	117	140	38	—	—	28	35	84
<b>INCOME IN 1969</b>														
Less than \$2,000	1 801	84	44	114	161	398	410	370	152	24	10	—	34	104
\$2,000 to \$2,999	809	54	26	61	48	208	147	158	75	9	—	—	23	100
\$3,000 to \$3,999	889	19	11	55	40	201	214	225	97	23	—	—	4	111
\$4,000 to \$4,999	1 067	28	27	61	70	249	264	—	142	22	—	—	—	112
\$5,000 to \$5,999	1 017	12	17	49	44	242	219	271	135	13	5	—	6	113
\$6,000 to \$6,999	960	28	20	37	44	157	174	309	138	25	—	—	28	121
\$7,000 to \$7,999	1 942	7	21	70	66	290	433	547	362	95	10	—	41	123
\$10,000 to \$14,999	1 468	5	12	66	74	151	253	479	330	76	4	—	18	130
\$15,000 to \$24,999	427	—	5	5	5	52	95	87	158	26	—	—	4	139
\$25,000 or more	56	—	—	4	—	10	7	19	9	7	—	—	—	—
Median	\$5 600	\$2 600	\$4 400	\$4 500	\$4 400	\$4 700	\$5 400	\$6 200	\$7 500	\$8 400	—	—	\$6 400	—
<b>YEAR MOVED INTO UNIT</b>														
1969 to March 1970	3 973	68	33	207	191	692	801	1 032	721	171	13	—	44	119
1968	1 564	6	24	67	65	272	332	428	283	59	—	—	28	120
1967	1 255	38	16	57	42	259	241	410	143	26	—	—	23	117
1965 and 1966	1 737	78	39	83	106	330	402	472	186	28	—	—	13	111
1960 to 1964	1 172	38	52	67	88	225	270	229	155	17	—	—	8	108
1950 to 1959	633	30	28	54	40	111	148	111	85	—	7	—	23	106
1949 or earlier	116	—	—	20	—	33	18	24	11	—	4	—	6	—
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>														
Less than 10 percent	639	52	44	107	85	134	135	56	19	7	—	—	—	86
10 to 14 percent	1 496	40	42	101	94	313	310	398	187	11	—	—	—	110
15 to 19 percent	1 644	20	27	84	82	328	385	437	262	19	—	—	—	115
20 to 24 percent	1 230	21	12	51	51	245	239	333	231	47	—	—	—	120
25 to 34 percent	1 795	50	20	29	62	258	374	581	310	107	4	—	—	125
35 percent or more	3 128	54	34	140	159	570	652	826	544	124	25	—	—	119
Not computed	514	—	4	10	23	65	106	98	45	5	—	—	158	114
<b>AIR CONDITIONING</b>														
Room unit(s)	450	22	—	14	—	92	74	67	112	63	—	—	6	129
Central system	125	—	—	6	—	32	16	18	17	36	—	—	—	—
None	9 875	236	192	535	532	1 798	2 122	2 621	1 455	202	32	—	150	115

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
<b>Owner occupied housing units</b>	<b>4 304</b>	<b>275</b>	<b>157</b>	<b>177</b>	<b>184</b>	<b>261</b>	<b>335</b>	<b>830</b>	<b>1 231</b>	<b>747</b>	<b>107</b>	<b>9 800</b>
<b>ROOMS</b>												
1 and 2 rooms	51	12	—	13	—	3	—	11	6	6	—	...
3 rooms	70	6	—	15	—	11	23	3	12	—	—	...
4 rooms	319	61	25	28	15	19	38	52	57	19	5	6 300
5 rooms	779	72	45	31	49	55	94	150	199	79	5	7 900
6 rooms	1 097	78	49	24	60	59	60	176	363	197	31	10 600
7 rooms or more	1 988	46	38	66	60	114	120	438	594	446	66	10 900
<b>PERSONS</b>												
1 person	376	125	32	22	23	40	69	45	20	—	—	4 400
2 persons	749	70	71	89	45	36	76	133	160	64	5	6 800
3 and 4 persons	1 316	48	20	9	50	82	75	223	469	287	53	11 600
5 persons	594	7	16	32	16	33	43	107	152	180	8	11 400
6 persons or more	1 269	25	18	25	50	70	72	322	430	216	41	10 600
Units with roomers, boarders, or lodgers	292	39	17	26	33	31	17	45	48	36	—	6 000
<b>BEDROOMS</b>												
Less than 3	811	93	49	39	49	55	189	137	109	91	—	6 600
3	1 511	80	100	63	41	107	118	214	541	247	—	10 300
4 or more	1 688	79	78	81	18	37	64	401	512	327	91	10 800
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	31	—	—	4	—	—	—	10	—	5	12	...
1960 to 1968	304	5	12	23	6	5	21	51	100	72	9	11 500
1950 to 1959	319	24	20	15	5	5	17	50	93	75	15	11 300
1949 or earlier	3 650	246	125	135	173	251	297	719	1 038	595	71	9 500
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	686	22	7	22	34	39	77	119	227	125	14	10 500
1968	583	27	6	21	24	48	26	118	191	97	25	10 600
1960 to 1967	1 954	117	47	59	94	88	156	367	584	395	47	10 400
1959 or earlier	1 128	130	58	70	62	83	74	242	230	161	18	8 100
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	2 416	68	104	42	72	128	182	406	818	522	74	11 300
Clothes dryer	1 429	44	36	19	—	51	91	211	471	432	74	12 800
Dishwasher	474	—	30	—	—	—	—	22	196	171	55	14 700
Home food freezer	1 224	136	128	19	—	38	19	243	321	265	55	10 500
Owned second home	141	23	—	—	—	18	29	18	—	15	38	...
With air conditioning	564	36	—	22	13	11	55	111	174	116	26	11 000
Room unit(s)	452	28	—	22	8	11	48	98	130	87	20	10 400
Central system	112	8	—	—	5	—	7	13	44	29	6	...
Automobiles available:												
1	2 340	101	75	106	100	155	198	593	707	299	6	9 200
2	1 107	10	11	16	19	29	56	139	345	417	65	14 000
3 or more	150	5	—	—	—	—	—	—	71	47	27	14 900
<b>Renter occupied housing units</b>	<b>10 679</b>	<b>1 838</b>	<b>824</b>	<b>914</b>	<b>1 100</b>	<b>1 046</b>	<b>983</b>	<b>1 970</b>	<b>1 498</b>	<b>450</b>	<b>56</b>	<b>5 600</b>
<b>ROOMS</b>												
1 room	444	161	53	53	35	29	44	37	32	—	—	3 200
2 rooms	680	213	115	38	86	54	25	107	32	4	6	3 300
3 rooms	2 021	455	109	233	205	181	181	389	205	63	—	5 000
4 rooms	2 798	410	244	188	305	320	284	547	396	99	5	5 800
5 rooms	2 411	258	184	200	286	229	242	481	372	139	20	6 200
6 rooms or more	2 325	341	119	202	183	233	207	409	461	145	25	6 400
<b>PERSONS</b>												
1 person	2 242	776	242	181	237	220	197	258	115	10	6	3 600
2 persons	2 283	332	189	220	238	224	225	464	284	95	12	5 700
3 and 4 persons	3 291	419	239	278	306	325	318	662	529	198	17	6 200
5 persons	1 021	102	78	109	103	55	117	177	198	74	8	6 500
6 persons or more	1 842	209	76	126	216	222	126	409	372	73	13	6 600
Units with roomers, boarders, or lodgers	461	85	42	64	26	47	35	100	62	—	—	5 300
<b>BEDROOMS</b>												
One	455	192	27	62	18	59	48	25	24	—	—	3 100
2	3 109	471	245	357	255	386	442	595	236	122	—	5 600
3	4 264	577	320	444	388	390	500	740	716	171	18	6 000
4 or more	3 152	430	140	330	386	285	195	518	683	126	59	6 000
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	224	34	12	5	10	58	43	31	20	11	—	5 900
1960 to 1968	830	51	59	55	50	50	57	187	113	86	9	6 600
1950 to 1959	676	104	25	66	113	73	35	128	118	9	5	5 400
1949 or earlier	8 949	1 537	736	784	922	865	848	1 624	1 247	344	42	5 600
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	4 011	785	409	359	389	482	320	606	522	130	9	5 100
1968	1 617	200	96	125	165	156	167	384	230	89	5	6 400
1960 to 1967	4 232	713	297	344	464	306	400	855	611	221	21	6 000
1959 or earlier	812	203	37	30	74	79	63	173	111	31	11	5 800
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup>	10 446	1 801	809	889	1 067	1 017	960	1 942	1 468	437	56	5 600
Less than 15 percent	2 135	—	6	6	39	55	137	470	962	404	56	11 800
15 to 19 percent	1 644	—	7	24	107	180	205	735	357	29	—	8 200
20 to 24 percent	1 230	6	27	56	158	240	220	421	102	—	—	6 600
25 to 34 percent	1 795	30	102	219	430	402	331	252	29	—	—	5 300
35 percent or more	3 128	1 375	644	580	333	134	39	23	—	—	—	2 300
Not computed	514	390	23	4	—	6	28	41	18	4	—	2000—
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine	2 005	335	155	163	106	176	182	302	431	133	22	6 400
Clothes dryer	733	124	95	21	21	20	37	166	157	92	—	7 900
Dishwasher	185	—	—	—	—	—	—	54	90	—	—	...
Home food freezer	1 447	274	79	200	121	107	63	160	351	37	55	5 500
Owned second home	279	18	—	93	21	—	—	29	61	57	—	...
With air conditioning	625	122	15	37	57	44	31	69	163	82	5	7 300
Room unit(s)	494	105	—	24	37	24	31	55	116	82	5	7 600
Central system	131	17	—	13	20	—	—	14	47	—	—	...
Automobiles available:												
1	4 024	352	207	160	356	298	503	1 026	900	203	19	7 400
2	888	54	—	37	55	52	78	194	238	163	17	9 600
3 or more	118	23	—	—	7	—	6	43	11	23	5	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	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	
<b>Owner occupied housing units</b> -----	<b>4 304</b>	<b>4 175</b>	<b>1 666</b>	<b>1 961</b>	<b>431</b>	<b>117</b>	<b>129</b>	<b>57</b>	<b>48</b>	<b>—</b>	<b>24</b>
<b>PERSONS</b>											
1 person.....	376	343	343	—	—	—	33	33	—	—	—
2 persons.....	749	703	687	16	—	—	46	24	16	—	6
3 persons.....	685	680	477	203	—	—	5	—	5	—	—
4 persons.....	631	614	108	500	—	6	17	—	17	—	—
5 persons.....	594	588	51	502	25	10	6	—	6	—	—
6 persons or more.....	1 269	1 247	—	740	406	101	22	—	4	—	18
Median.....	4.0	4.1	2.2	5.0	7.5+	7.5+	2.2	...	...	—	...
Units with roomers, boarders, or lodgers.....	292	282	99	129	44	10	10	5	5	—	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970.....	41	41	14	27	—	—	—	—	—	—	—
1965 to 1968.....	149	149	70	65	14	—	—	—	—	—	—
1960 to 1964.....	171	133	76	38	19	—	38	7	8	—	23
1950 to 1959.....	314	266	68	160	28	10	48	28	7	—	13
1940 to 1949.....	430	423	108	259	36	20	7	—	7	—	—
1939 or earlier.....	3 246	3 196	1 366	1 360	383	87	50	33	17	—	—
<b>INCOME IN 1969</b>											
Less than \$2,000.....	275	249	171	66	12	—	26	21	5	—	—
\$2,000 to \$2,999.....	157	157	127	19	11	—	—	—	—	—	—
\$3,000 to \$3,999.....	177	155	95	35	25	—	22	5	11	—	6
\$4,000 to \$4,999.....	184	179	80	65	34	—	5	5	—	—	—
\$5,000 to \$5,999.....	261	251	117	97	32	5	10	5	5	—	—
\$6,000 to \$6,999.....	335	318	147	127	39	5	17	12	5	—	—
\$7,000 to \$9,999.....	830	812	275	405	96	36	18	—	10	—	8
\$10,000 to \$14,999.....	1 231	1 204	372	675	122	35	27	5	12	—	10
\$15,000 to \$24,999.....	747	743	237	425	49	32	4	—	—	—	—
\$25,000 or more.....	107	107	45	47	11	4	—	—	—	—	—
Median.....	\$9 800	\$9 900	\$8 000	\$11 200	\$9 000	\$11 800	\$6 100	...	...	—	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	<b>3 049</b>	<b>2 970</b>	<b>1 168</b>	<b>1 428</b>	<b>297</b>	<b>77</b>	<b>79</b>	<b>37</b>	<b>26</b>	<b>—</b>	<b>16</b>
Less than 1.5.....	1 860	1 806	620	921	200	65	54	22	16	—	16
1.5 to 1.9.....	513	503	209	239	49	6	10	5	5	—	—
2.0 to 2.4.....	282	277	110	137	24	6	5	—	5	—	—
2.5 to 2.9.....	94	94	61	29	4	—	—	—	—	—	—
3.0 to 3.9.....	95	90	42	41	7	—	5	5	—	—	—
4.0 or more.....	192	187	122	56	9	—	5	5	—	—	—
Not computed.....	13	13	4	5	4	—	—	—	—	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	472	467	156	217	71	23	5	—	5	—	—
Warm-air furnace.....	2 754	2 713	1 131	1 321	187	74	41	25	12	—	4
Built-in electric units.....	69	64	14	40	10	—	5	5	—	—	—
Floor, wall, or pipeless furnace.....	114	114	52	56	6	—	—	—	—	—	—
Other means.....	895	817	313	327	157	20	78	27	31	—	20
None.....	—	—	—	—	—	—	—	—	—	—	—
<b>Renter occupied housing units</b> -----	<b>10 679</b>	<b>9 815</b>	<b>3 307</b>	<b>4 741</b>	<b>1 368</b>	<b>399</b>	<b>864</b>	<b>252</b>	<b>394</b>	<b>87</b>	<b>131</b>
<b>PERSONS</b>											
1 person.....	2 242	1 801	1 670	131	—	—	441	211	230	—	—
2 persons.....	2 283	2 155	1 371	769	—	15	128	27	71	—	30
3 persons.....	1 811	1 725	252	1 449	20	4	86	14	50	16	6
4 persons.....	1 480	1 431	14	1 211	176	30	49	—	15	16	18
5 persons.....	1 021	983	—	672	263	48	38	—	18	4	16
6 persons or more.....	1 842	1 720	—	509	909	302	122	—	10	51	61
Median.....	2.9	3.1	1.5	3.5	6.1	7.2	1.5	1.1	1.4	...	5.2
Units with roomers, boarders, or lodgers.....	461	432	123	272	28	9	29	—	29	—	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970.....	203	203	40	148	15	—	—	—	—	—	—
1965 to 1968.....	413	338	135	192	11	—	75	28	32	7	8
1960 to 1964.....	362	289	95	181	13	—	73	21	31	—	21
1950 to 1959.....	710	602	153	330	88	31	108	20	54	16	18
1940 to 1949.....	1 457	1 379	470	621	223	65	78	12	22	26	18
1939 or earlier.....	7 527	7 003	2 404	3 331	958	310	524	156	234	44	90
<b>INCOME IN 1969</b>											
Less than \$2,000.....	1 838	1 614	791	624	150	49	224	51	120	—	53
\$2,000 to \$2,999.....	824	695	290	324	56	25	129	47	52	10	20
\$3,000 to \$3,999.....	914	802	217	435	112	38	112	43	60	4	5
\$4,000 to \$4,999.....	1 100	1 020	332	475	162	51	80	24	37	19	—
\$5,000 to \$5,999.....	1 046	949	350	443	127	29	97	29	45	11	12
\$6,000 to \$6,999.....	983	936	313	472	118	33	47	20	21	—	6
\$7,000 to \$9,999.....	1 970	1 869	581	823	383	82	101	23	36	17	25
\$10,000 to \$14,999.....	1 498	1 432	320	828	210	74	66	15	19	22	10
\$15,000 to \$24,999.....	450	442	90	292	42	18	8	—	4	4	—
\$25,000 or more.....	56	56	23	25	8	—	—	—	—	—	—
Median.....	\$5 600	\$5 800	\$5 100	\$6 100	\$6 700	\$6 200	\$3 700	\$3 700	\$3 400	...	\$2 600
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	<b>10 446</b>	<b>9 654</b>	<b>3 251</b>	<b>4 660</b>	<b>1 360</b>	<b>383</b>	<b>792</b>	<b>217</b>	<b>378</b>	<b>81</b>	<b>116</b>
Less than 10 percent.....	639	574	195	293	56	30	65	10	37	12	6
10 to 14 percent.....	1 496	1 400	334	783	222	61	96	32	42	14	8
15 to 19 percent.....	1 644	1 547	476	757	242	72	97	20	64	11	—
20 to 24 percent.....	1 230	1 137	397	545	178	77	93	32	35	16	10
25 to 34 percent.....	1 795	1 682	525	798	285	74	113	40	37	16	20
35 percent or more.....	3 128	2 848	1 112	1 298	339	99	280	63	133	12	72
Not computed.....	514	466	212	186	38	30	48	20	28	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	2 161	1 965	725	893	242	105	196	52	129	5	10
Warm-air furnace.....	5 445	5 233	1 835	2 512	716	170	212	53	118	27	14
Built-in electric units.....	532	523	148	312	49	14	9	5	4	—	—
Floor, wall, or pipeless furnace.....	284	249	80	118	46	5	35	18	11	—	6
Other means.....	2 237	1 832	512	900	315	105	405	124	125	55	101
None.....	20	13	7	6	—	—	7	—	7	—	—

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

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

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

The SMSA										
	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b> .....	<b>4 304</b>	<b>18</b>	<b>33</b>	<b>70</b>	<b>319</b>	<b>779</b>	<b>1 097</b>	<b>896</b>	<b>1 092</b>	<b>6.4</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	4 190	6	29	51	285	786	1 091	894	1 048	6.4
<b>PERSONS</b>										
1 person .....	376	—	10	30	96	72	104	43	21	5.2
2 persons .....	749	6	17	15	60	213	211	123	104	5.8
3 persons .....	685	—	—	9	51	148	207	143	127	6.1
4 persons .....	631	—	6	—	56	149	196	116	108	6.0
5 persons .....	594	—	—	10	25	69	171	146	173	6.7
6 persons or more .....	1 269	12	—	6	31	128	208	325	559	7.3
Median .....	4.0	...	...	...	2.6	3.2	3.6	4.7	5.6	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b> .....	<b>4 175</b>	<b>6</b>	<b>28</b>	<b>46</b>	<b>281</b>	<b>774</b>	<b>1 063</b>	<b>885</b>	<b>1 092</b>	<b>6.4</b>
0.50 or less .....	1 666	—	10	17	142	280	502	304	411	6.3
0.51 to 1.00 .....	1 961	—	12	13	91	366	478	469	532	6.5
1.01 to 1.50 .....	431	—	—	—	35	110	75	95	116	6.4
1.51 or more .....	117	6	6	16	13	18	8	17	33	5.5
<b>Lacking some or all plumbing facilities</b> .....	<b>129</b>	<b>12</b>	<b>5</b>	<b>24</b>	<b>38</b>	<b>5</b>	<b>34</b>	<b>11</b>	<b>—</b>	<b>4.1</b>
0.50 or less .....	57	—	—	13	14	5	20	5	—	...
0.51 to 1.00 .....	48	—	5	11	16	—	10	6	—	...
1.01 to 1.50 .....	—	—	—	—	—	—	—	—	—	...
1.51 or more .....	24	12	—	—	8	—	4	—	—	...
<b>BEDROOMS</b>										
None and 1 .....	196	—	18	18	74	36	50	—	—	...
2 .....	615	—	—	45	179	224	127	40	—	4.9
3 .....	1 511	—	—	—	—	392	642	364	113	6.1
4 or more .....	1 688	—	—	—	—	74	162	369	1 083	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1979 to March 1970 .....	31	—	5	—	—	4	5	5	12	...
1960 to 1968 .....	304	12	—	6	26	58	67	38	97	6.2
1950 to 1959 .....	319	—	5	12	37	55	81	64	65	6.1
1949 or earlier .....	3 650	6	23	52	256	662	944	789	918	6.4
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	3 541	—	29	56	271	690	983	753	759	6.2
2 or more .....	661	6	7	—	14	96	108	141	289	7.2
None or also used by another household .....	149	16	—	16	54	7	42	14	—	4.3
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b> .....	<b>3 049</b>	<b>18</b>	<b>5</b>	<b>21</b>	<b>105</b>	<b>370</b>	<b>785</b>	<b>792</b>	<b>953</b>	<b>6.8</b>
Less than 1.5 .....	1 860	12	—	21	56	185	490	519	577	6.8
1.5 to 1.9 .....	513	—	—	—	15	85	133	129	151	6.7
2.0 to 2.9 .....	376	6	5	—	20	49	73	100	123	6.9
3.0 or more .....	287	—	—	—	14	46	89	40	98	6.4
Not computed .....	13	—	—	—	—	5	—	4	4	...
<b>Renter occupied housing units</b> .....	<b>10 679</b>	<b>444</b>	<b>680</b>	<b>2 021</b>	<b>2 798</b>	<b>2 411</b>	<b>1 423</b>	<b>531</b>	<b>371</b>	<b>4.3</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access .....	9 365	111	442	1 707	2 606	2 233	1 389	490	387	4.4
<b>PERSONS</b>										
1 person .....	2 242	361	421	742	397	210	71	36	4	3.0
2 persons .....	2 283	45	152	688	767	415	122	55	39	3.8
3 persons .....	1 811	10	36	309	653	537	185	38	43	4.3
4 persons .....	1 480	5	43	192	447	364	320	95	14	4.6
5 persons .....	1 021	16	15	33	267	362	223	75	30	5.0
6 persons or more .....	1 842	7	13	57	267	523	502	232	241	5.6
Median .....	2.9	1.1	1.3	1.9	2.9	3.6	4.6	5.1	6.6	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b> .....	<b>9 815</b>	<b>168</b>	<b>482</b>	<b>1 855</b>	<b>2 746</b>	<b>2 309</b>	<b>1 387</b>	<b>497</b>	<b>371</b>	<b>4.4</b>
0.50 or less .....	3 307	—	310	668	1 159	596	364	110	100	4.1
0.51 to 1.00 .....	4 741	131	109	943	1 089	1 232	738	299	200	4.6
1.01 to 1.50 .....	1 368	—	20	176	377	408	248	68	71	4.8
1.51 or more .....	399	37	43	68	121	73	37	20	—	3.9
<b>Lacking some or all plumbing facilities</b> .....	<b>866</b>	<b>276</b>	<b>198</b>	<b>166</b>	<b>52</b>	<b>102</b>	<b>36</b>	<b>34</b>	<b>—</b>	<b>2.3</b>
0.50 or less .....	252	—	111	74	5	29	14	19	—	2.7
0.51 to 1.00 .....	394	230	43	54	11	31	10	15	—	1.4
1.01 to 1.50 .....	87	—	16	21	26	8	—	—	—	...
1.51 or more .....	131	46	28	22	15	16	4	—	—	2.2
<b>BEDROOMS</b>										
None .....	455	411	44	—	—	—	—	—	—	1.1
1 .....	3 109	—	654	1 859	475	94	—	27	—	3.0
2 .....	4 264	—	—	413	2 352	1 298	201	—	—	4.2
3 or more .....	3 152	—	—	—	104	1 035	1 211	456	346	5.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970 .....	224	5	—	37	71	37	66	4	4	4.5
1960 to 1968 .....	830	49	97	136	280	197	42	25	4	4.0
1950 to 1959 .....	676	52	41	91	241	162	85	—	4	4.1
1949 or earlier .....	8 949	338	542	1 757	2 206	2 015	1 230	502	359	4.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2 .....	9 331	142	434	1 731	2 640	2 242	1 343	466	333	4.4
2 or more .....	210	6	8	32	16	24	46	24	54	5.9
None or also used by another household .....	1 131	303	248	173	127	164	47	69	—	2.6
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b> .....	<b>10 446</b>	<b>444</b>	<b>667</b>	<b>2 004</b>	<b>2 743</b>	<b>2 394</b>	<b>1 367</b>	<b>482</b>	<b>345</b>	<b>4.3</b>
Less than 10 percent .....	639	42	37	131	187	134	74	26	8	4.1
10 to 14 percent .....	1 496	45	93	324	375	377	178	77	27	4.3
15 to 19 percent .....	1 644	74	44	284	482	387	261	65	47	4.4
20 to 24 percent .....	1 230	59	78	253	311	315	130	44	40	4.2
25 to 34 percent .....	1 795	41	117	327	482	447	240	97	44	4.4
35 percent or more .....	3 128	134	243	591	792	658	439	153	118	4.3
Not computed .....	514	49	55	94	114	76	45	20	61	4.0

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

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

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

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	4 304	3 214	1 013	77	10 679	1 851	3 099	2 795	1 164	670	998	102
<b>ROOMS</b>												
1 room	18	18	-	-	444	62	10	48	82	84	158	-
2 rooms	33	5	23	5	680	54	31	146	195	96	145	13
3 rooms	70	-	32	17	2 021	89	360	719	372	224	217	40
4 rooms	319	121	178	20	2 798	190	908	928	291	139	318	24
5 rooms	779	380	368	31	2 411	376	974	646	154	119	126	16
6 rooms	1 097	824	269	4	1 423	468	626	226	57	8	34	4
7 rooms	896	822	74	-	531	310	137	71	13	-	-	-
8 rooms or more	1 092	1 023	69	-	371	302	53	11	-	-	-	5
Median	6.4	6.8	5.2	...	4.3	5.8	4.7	4.0	3.3	3.2	3.4	3.5
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	4 175	3 127	997	51	9 815	1 610	3 045	2 673	1 042	547	842	56
0.50 or less	1 666	1 225	428	13	3 307	416	1 030	960	390	186	293	32
0.51 to 1.00	1 961	1 506	431	24	4 741	849	1 555	1 157	509	296	364	11
1.01 to 1.50	431	319	98	14	1 368	276	399	450	92	34	112	5
1.51 or more	117	77	40	-	399	69	61	106	51	31	73	8
Lacking same as all plumbing facilities	129	87	40	26	864	241	54	122	122	123	156	46
0.50 or less	57	41	16	-	252	78	5	35	51	43	22	18
0.51 to 1.00	48	26	-	22	394	68	25	68	62	41	110	20
1.01 to 1.50	-	-	-	-	87	34	9	9	4	19	12	-
1.51 or more	24	20	-	4	131	61	15	10	5	20	12	8
<b>BEDROOMS</b>												
None	-	-	-	-	455	90	-	54	55	114	142	-
1	196	98	98	-	3 109	170	452	1 099	549	368	394	77
2	615	193	377	45	4 264	312	1 508	1 204	505	152	531	52
3	1 511	1 207	304	-	2 237	770	857	374	117	53	42	24
4 or more	1 688	1 504	184	-	915	705	128	37	24	21	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	31	22	-	9	224	63	15	55	40	31	16	4
1965 to 1968	149	137	5	7	454	75	34	42	108	86	93	16
1960 to 1964	155	133	-	22	376	38	17	132	15	60	77	37
1950 to 1959	319	285	25	9	676	75	86	86	46	50	312	21
1940 to 1949	444	307	128	9	1 385	264	490	307	102	54	168	-
1939 or earlier	3 206	2 330	855	21	7 564	1 336	2 457	2 173	853	389	332	24
<b>INCOME IN 1969</b>												
Less than \$2,000	275	125	150	-	1 838	343	422	446	251	97	258	21
\$2,000 to \$2,999	157	92	65	-	824	125	227	194	109	72	79	18
\$3,000 to \$3,999	177	117	45	15	914	152	235	231	104	60	120	12
\$4,000 to \$4,999	184	101	78	5	1 100	171	342	292	90	74	126	5
\$5,000 to \$5,999	261	199	57	5	1 046	205	230	304	124	71	108	4
\$6,000 to \$6,999	335	195	127	13	983	164	343	260	118	37	42	19
\$7,000 to \$9,999	830	612	202	16	1 970	300	578	601	205	95	173	18
\$10,000 to \$14,999	1 231	1 021	187	23	1 498	332	506	357	121	102	80	-
\$15,000 to \$24,999	747	653	94	-	450	55	179	100	42	57	12	5
\$25,000 or more	107	99	8	-	56	4	37	10	-	5	-	-
Median	\$9 800	\$10 800	\$6 900	...	\$5 600	\$5 700	\$6 300	\$5 800	\$5 200	\$5 500	\$4 300	\$4 000
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	686	520	132	34	4 011	604	1 096	997	543	328	385	58
1968	583	474	87	22	1 617	264	500	407	147	107	183	9
1965 and 1966	455	386	63	6	1 279	223	402	387	109	20	132	6
1960 to 1964	741	547	181	13	1 737	305	550	475	155	112	131	9
1950 to 1959	758	565	193	7	1 216	244	404	330	130	35	66	7
1949 or earlier	372	219	139	14	237	64	48	67	7	51	-	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	10 446	1 618	3 099	2 795	1 164	670	998	102
Less than \$50	...	...	...	...	237	30	15	31	59	51	44	7
\$50 to \$59	...	...	...	...	183	10	16	39	23	5	90	-
\$60 to \$69	...	...	...	...	522	58	49	144	72	67	132	-
\$70 to \$79	...	...	...	...	556	50	79	170	79	59	97	22
\$80 to \$99	...	...	...	...	1 913	178	444	550	309	115	299	18
\$100 to \$119	...	...	...	...	2 201	204	683	779	228	161	125	21
\$120 to \$149	...	...	...	...	2 729	470	1 074	722	204	104	141	14
\$150 to \$199	...	...	...	...	1 598	422	607	301	143	69	46	10
\$200 to \$299	...	...	...	...	320	106	98	45	47	24	-	-
\$300 or more	...	...	...	...	29	4	4	-	-	-	15	6
No cash rent	...	...	...	...	158	86	30	14	-	15	9	4
Median	...	...	...	...	\$116	\$135	\$127	\$112	\$104	\$104	\$88	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water	472	328	139	5	2 161	189	370	475	345	270	512	-
Warm-air furnace	2 754	2 147	586	21	5 445	939	1 883	1 484	564	248	305	22
Built-in electric units	69	50	15	4	532	82	94	190	79	49	38	-
Floor, wall, or pipeless furnace	114	82	27	5	284	59	68	81	11	39	15	11
Other means	895	607	246	42	2 237	582	677	559	165	64	128	62
None	-	-	-	-	20	-	7	6	-	-	-	7
<b>AIR CONDITIONING</b>												
Room unit(s)	452	373	67	12	494	103	68	138	89	69	27	-
Central system	112	99	13	-	131	48	38	6	24	15	-	-
None	3 787	2 770	933	84	10 047	1 665	3 045	2 685	1 017	569	977	89
<b>AUTOMOBILES AVAILABLE</b>												
1	2 340	1 764	516	60	4 024	677	1 388	1 076	366	256	227	34
2	1 107	903	168	36	888	207	310	177	95	24	59	16
3 or more	150	112	38	-	118	42	20	27	16	7	6	-
None	754	463	291	-	5 642	890	1 433	1 549	653	366	712	39

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
<b>Owner occupied housing units</b>	4 304	64	807	895	1 085	180	171	36	624	66	265	111
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	4 175	64	801	885	1 040	180	171	31	599	61	242	101
0.50 or less	1 666	13	203	207	440	118	85	15	219	23	242	101
0.51 to 1.00	1 961	41	477	523	447	51	71	16	297	38	—	—
1.01 to 1.50	431	5	90	109	134	11	9	—	73	—	—	—
1.51 or more	117	5	31	46	19	—	6	—	10	—	—	—
Lacking some or all plumbing facilities	129	—	6	10	45	—	—	5	25	5	23	10
0.50 or less	57	—	—	—	9	—	—	—	10	5	23	10
0.51 to 1.00	48	—	6	6	26	—	—	5	5	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	24	—	—	4	10	—	—	—	10	—	—	—
<b>UNITS IN STRUCTURE</b>												
1	3 214	37	662	737	826	97	116	31	457	38	140	73
2 or more	1 013	19	131	148	233	83	50	—	162	28	121	38
Mobile home or trailer	77	8	14	10	26	—	5	5	5	—	4	—
<b>INCOME IN 1969</b>												
Less than \$2,000	275	—	12	—	17	23	4	5	74	15	59	66
\$2,000 to \$2,999	157	4	—	—	25	26	13	—	44	13	10	22
\$3,000 to \$3,999	177	13	6	10	36	18	7	9	52	4	11	11
\$4,000 to \$4,999	184	—	17	8	28	15	10	—	78	5	23	—
\$5,000 to \$5,999	261	10	7	31	71	18	9	—	63	12	28	12
\$6,000 to \$6,999	335	15	21	56	46	13	25	—	90	—	69	—
\$7,000 to \$9,999	830	8	194	167	269	32	36	—	72	7	45	—
\$10,000 to \$14,999	1 231	5	345	371	332	26	41	—	81	10	20	—
\$15,000 to \$24,999	747	9	188	225	217	5	20	17	66	—	—	—
\$25,000 or more	107	—	17	27	44	4	6	5	4	—	—	—
Median	\$9 800	...	\$12 100	\$12 400	\$10 800	\$5 400	\$8 500	...	\$6 000	...	\$6 000	\$2000-
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	3 049	26	639	715	764	89	116	31	436	38	134	61
Less than 1.5	1 860	8	455	504	493	37	77	22	170	5	74	15
1.5 to 1.9	513	6	73	124	154	13	29	—	81	5	21	7
2.0 to 2.4	282	8	67	65	46	19	5	—	54	7	11	—
2.5 to 2.9	94	—	19	17	14	11	—	—	21	—	6	6
3.0 to 3.9	95	—	10	5	29	5	—	4	38	4	—	—
4.0 or more	192	4	15	—	28	4	5	5	63	17	18	33
Not computed	13	—	—	—	—	—	—	—	9	—	4	—
<b>Renter occupied housing units</b>	10 679	689	1 924	961	842	161	663	34	3 057	106	1 914	328
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	9 815	667	1 844	904	764	151	619	28	2 937	100	1 526	275
0.50 or less	3 307	123	199	162	231	66	181	11	613	51	1 432	238
0.51 to 1.00	4 741	424	1 132	473	363	64	377	17	1 725	35	94	37
1.01 to 1.50	1 368	87	388	207	132	21	52	—	472	9	—	—
1.51 or more	399	33	125	62	38	—	9	—	127	5	—	—
Lacking some or all plumbing facilities	864	22	80	57	78	10	44	6	120	6	388	53
0.50 or less	252	—	5	6	20	—	6	—	4	—	188	23
0.51 to 1.00	394	4	16	17	29	4	19	6	63	6	200	30
1.01 to 1.50	87	13	19	34	5	—	6	—	10	—	—	—
1.51 or more	131	5	40	—	24	6	13	—	43	—	—	—
<b>UNITS IN STRUCTURE</b>												
1	1 851	42	339	230	210	11	99	4	655	18	157	86
2 to 4	5 894	469	1 192	559	428	109	378	6	1 704	55	890	104
5 to 19	1 834	144	302	108	74	30	128	7	383	15	591	52
20 or more	998	34	70	45	113	11	46	17	311	18	252	81
Mobile home or trailer	102	—	21	19	17	—	12	—	4	—	24	5
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	10 446	685	1 878	924	804	155	651	34	3 034	101	1 895	285
Less than \$50	237	4	14	—	18	5	6	6	5	—	122	57
\$50 to \$59	183	—	29	7	24	—	17	—	39	6	56	5
\$60 to \$69	522	9	26	27	60	—	19	—	111	6	229	35
\$70 to \$79	556	21	64	32	48	6	32	7	70	4	221	51
\$80 to \$99	1 913	116	290	103	155	31	127	9	544	23	486	29
\$100 to \$119	2 201	173	334	245	155	46	152	—	701	14	338	43
\$120 to \$149	2 729	209	594	226	194	37	189	—	944	14	299	23
\$150 to \$199	1 598	128	427	209	103	18	66	12	500	29	101	5
\$200 to \$299	320	20	72	64	15	12	28	—	72	5	32	—
\$300 or more	29	—	—	4	6	—	—	—	8	—	11	—
No cash rent	158	5	28	7	26	—	15	—	40	—	—	37
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	10 446	685	1 878	924	804	155	651	34	3 034	101	1 895	285
Less than \$5,000	4 566	191	289	121	226	79	245	30	1 950	61	1 103	271
Less than 20 percent	189	—	27	—	14	—	13	—	40	—	78	17
20 to 24 percent	247	13	6	21	15	6	18	—	50	7	104	7
25 to 34 percent	781	58	94	39	32	16	43	12	267	—	182	38
35 percent or more	2 932	111	151	61	160	57	156	18	1 427	47	577	167
Not computed	417	9	11	—	5	—	15	—	166	7	162	42
\$5,000 to \$9,999	3 919	358	855	409	318	62	302	4	909	27	661	14
Less than 20 percent	1 782	140	407	187	187	26	169	4	283	12	358	9
20 to 24 percent	881	109	226	71	70	—	45	—	195	10	155	—
25 to 34 percent	985	94	177	122	29	36	61	—	324	5	132	5
35 percent or more	196	15	24	22	11	—	16	—	92	—	16	—
Not computed	75	—	21	7	21	—	11	—	15	—	—	—
\$10,000 to \$14,999	1 468	114	528	302	184	6	78	—	132	9	115	—
Less than 20 percent	1 319	114	466	288	160	—	61	—	121	4	105	—
20 to 24 percent	102	—	51	5	14	—	17	—	5	—	10	—
25 percent or more	29	—	4	—	5	—	6	—	—	—	—	—
Not computed	18	—	7	—	5	—	—	—	6	—	—	—
\$15,000 or more	493	22	206	92	76	8	26	—	43	4	16	—
Less than 20 percent	489	22	206	92	76	8	26	—	39	4	16	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	4	—	—	—	—	—	—	—	4	—	—	—

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

<sup>2</sup>Excludes one-family homes on 10 acres or more.

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

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

**The SMSA**

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>4 304</b>	<b>376</b>	<b>749</b>	<b>685</b>	<b>631</b>	<b>594</b>	<b>459</b>	<b>387</b>	<b>423</b>	<b>4.0</b>
<b>BEDROOMS</b>										
None and 1	196	85	58	21	15	—	—	17	—	...
2	615	183	171	102	76	20	44	19	—	2.2
3	1 511	113	232	198	451	283	152	82	—	4.0
4 or more	1 688	39	159	110	191	210	256	292	431	6.0
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	31	4	5	6	5	—	5	—	6	...
1965 to 1968	149	—	33	25	36	25	19	4	7	4.0
1960 to 1964	155	—	52	9	26	24	10	20	9	3.9
1950 to 1959	319	24	50	67	45	48	23	37	25	3.9
1940 to 1949	444	53	40	58	81	67	78	44	23	4.4
1939 or earlier	3 206	290	569	520	438	430	324	282	353	4.0
<b>UNITS IN STRUCTURE</b>										
1	3 214	213	520	504	449	471	362	304	391	4.3
2 or more	1 013	159	208	168	161	123	88	74	32	3.3
Mobile home or trailer	77	4	21	13	21	—	9	9	—	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	3 541	290	651	598	518	503	368	290	323	3.9
2 and 2 1/2	610	42	69	103	51	90	86	75	94	4.9
3 or more	51	—	8	7	13	6	—	6	—	...
None or also used by another household	149	37	46	13	16	9	—	21	7	2.3
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>3 928</b>	...	<b>749</b>	<b>685</b>	<b>631</b>	<b>594</b>	<b>459</b>	<b>387</b>	<b>423</b>	<b>4.3</b>
Male head, wife present, no nonrelatives	3 031	...	482	533	502	486	368	311	349	4.5
Under 25 years	64	...	8	13	12	21	5	—	5	...
25 to 34 years	807	...	62	132	184	124	163	73	69	4.7
35 to 44 years	895	...	84	119	143	160	103	142	144	5.1
45 to 64 years	1 085	...	233	232	151	168	88	88	125	4.0
65 years and over	180	...	95	37	12	13	9	8	6	2.4
Other male head	207	...	81	29	29	28	20	3	17	3.3
Under 65 years	171	...	65	29	24	13	20	3	17	3.2
65 years and over	36	...	16	—	5	—	—	—	—	...
Female head	690	...	186	123	100	80	71	73	57	3.9
Under 65 years	624	...	169	100	86	80	66	66	57	4.0
65 years and over	66	...	17	23	14	—	5	7	—	...
<b>One-person households</b>	<b>376</b>	<b>376</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
Specified owner-occupied <sup>1</sup>	3 049	195	496	481	444	461	318	294	360	4.3
Less than 1.5	1 860	89	213	282	304	293	227	202	250	4.6
1.5 to 1.9	513	28	112	91	61	78	39	46	58	3.9
2.0 to 2.4	282	11	64	48	42	39	20	30	28	3.9
2.5 to 2.9	94	12	20	25	7	15	5	10	—	...
3.0 to 3.9	95	—	27	5	14	22	16	—	11	...
4.0 or more	192	51	60	25	16	14	11	6	9	2.3
Not computed	13	4	—	5	—	—	—	—	4	...
<b>Renter occupied housing units</b>	<b>10 679</b>	<b>2 242</b>	<b>2 283</b>	<b>1 811</b>	<b>1 480</b>	<b>1 021</b>	<b>756</b>	<b>586</b>	<b>500</b>	<b>2.9</b>
<b>BEDROOMS</b>										
None	455	431	—	—	—	—	—	24	—	1.0
1	3 109	1 276	1 101	335	194	59	72	72	—	1.8
2	4 264	471	1 047	1 252	628	461	224	138	43	3.0
3 or more	3 152	169	289	599	519	371	546	339	320	4.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	224	15	42	51	67	27	17	5	—	3.6
1965 to 1968	454	127	104	96	59	40	15	4	9	2.5
1960 to 1964	376	81	111	63	84	27	—	5	5	2.5
1950 to 1959	676	126	142	90	118	99	32	40	29	3.3
1940 to 1949	1 385	255	271	291	195	98	102	66	107	3.1
1939 or earlier	7 564	1 638	1 613	1 220	957	730	590	466	350	2.9
<b>UNITS IN STRUCTURE</b>										
1	1 851	243	234	224	240	221	205	218	266	4.4
2	3 099	365	692	635	521	381	261	146	98	3.3
3 and 4	2 795	629	634	503	367	253	177	153	79	2.8
5 to 9	1 164	398	307	191	135	73	35	15	10	2.1
10 to 19	670	245	129	109	111	35	15	11	2.2	2.2
20 or more	998	333	239	149	102	50	63	31	31	2.2
Mobile home or trailer	102	29	48	—	4	8	—	8	5	2.0
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	9 331	1 655	2 091	1 564	1 463	956	664	516	422	3.1
2 or more	210	19	27	37	19	24	13	23	48	4.6
None or also used by another household	1 131	528	158	112	72	73	47	71	70	1.7
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>8 437</b>	...	<b>2 283</b>	<b>1 811</b>	<b>1 480</b>	<b>1 021</b>	<b>756</b>	<b>586</b>	<b>500</b>	<b>3.6</b>
Male head, wife present, no nonrelatives	4 577	...	1 085	975	841	582	429	357	308	3.8
Under 25 years	689	...	184	208	168	52	45	17	15	3.3
25 to 34 years	1 924	...	296	450	423	308	180	163	104	4.0
35 to 44 years	961	...	220	141	121	115	142	115	107	4.5
45 to 64 years	842	...	321	136	110	97	40	62	76	3.2
65 years and over	161	...	64	19	6	10	22	—	6	2.9
Other male head	697	...	353	185	71	21	49	18	—	2.5
Under 65 years	663	...	336	173	66	21	49	18	—	2.5
65 years and over	34	...	17	12	5	—	—	—	—	...
Female head	3 163	...	845	651	568	418	278	211	192	3.7
Under 65 years	3 057	...	783	635	553	414	278	207	187	3.7
65 years and over	106	...	62	16	15	4	—	4	5	2.4
<b>One-person households</b>	<b>2 242</b>	<b>2 242</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	10 444	2 180	2 268	1 772	1 455	992	745	560	474	2.9
Less than 10 percent	639	108	183	110	85	81	19	27	26	2.8
10 to 14 percent	1 496	240	315	257	232	184	92	92	84	3.3
15 to 19 percent	1 644	235	371	342	243	148	165	47	93	3.1
20 to 24 percent	1 230	276	287	187	176	105	72	81	46	2.8
25 to 34 percent	1 795	357	334	318	229	169	184	105	99	3.1
35 percent or more	3 128	760	704	517	404	294	178	158	113	2.7
Not computed	514	204	74	41	86	11	35	50	13	2.2

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

<sup>2</sup>Excludes 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]

<b>Rochester</b>	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)
<b>Specified owner occupied<sup>1</sup></b>	<b>36 758</b>	<b>286</b>	<b>1 281</b>	<b>3 076</b>	<b>5 948</b>	<b>7 429</b>	<b>12 611</b>	<b>4 048</b>	<b>1 517</b>	<b>405</b>	<b>157</b>	<b>15 100</b>
<b>ROOMS</b>												
1 and 2 rooms	55	-	6	-	14	9	26	-	-	-	-	...
3 rooms	271	13	21	25	35	45	97	22	9	4	4	14 800
4 rooms	2 074	27	76	159	254	275	987	247	37	8	4	16 100
5 rooms	5 544	81	395	693	881	726	1 861	693	181	27	6	15 000
6 rooms	15 222	78	425	1 005	2 442	3 578	5 522	1 626	505	26	15	15 100
7 rooms	7 319	52	192	642	1 310	1 550	2 295	877	316	74	11	14 900
8 rooms or more	6 273	35	166	552	1 012	1 246	1 823	583	469	266	121	15 300
Median	6.2	5.8	5.8	6.2	6.2	6.2	6.1	6.2	6.6	7.5+	7.5+	...
<b>PERSONS</b>												
1 person	4 877	94	346	609	925	1 027	1 370	346	118	32	10	13 600
2 persons	11 056	63	443	1 005	2 036	2 104	3 544	1 259	436	106	60	14 900
3 persons	6 539	55	172	457	1 054	1 305	2 377	758	259	87	15	15 400
4 persons	5 774	20	116	281	718	1 235	2 257	770	305	63	9	15 900
5 persons	3 788	15	39	302	502	769	1 436	484	185	39	17	15 700
6 persons or more	4 724	39	165	422	713	989	1 627	431	214	78	46	15 100
Median	2.9	2.3	2.2	2.4	2.5	2.9	3.1	3.1	3.3	3.2	3.1	...
Units with roomers, boarders, or lodgers	916	7	29	114	164	172	280	93	48	4	5	14 600
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>36 525</b>	<b>283</b>	<b>1 230</b>	<b>3 067</b>	<b>5 908</b>	<b>7 393</b>	<b>12 545</b>	<b>4 029</b>	<b>1 512</b>	<b>401</b>	<b>157</b>	<b>15 100</b>
0.50 or less	22 054	191	859	2 009	3 926	4 434	7 021	2 333	885	295	101	14 800
0.51 to 1.00	13 119	74	287	887	1 781	2 689	5 089	1 575	583	98	56	15 700
1.01 to 1.50	1 198	12	58	154	184	246	379	121	40	4	4	14 400
1.51 or more	154	6	26	17	17	24	56	4	4	4	4	13 600
<b>Lacking some or all plumbing facilities</b>	<b>233</b>	<b>3</b>	<b>51</b>	<b>9</b>	<b>40</b>	<b>36</b>	<b>66</b>	<b>19</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>13 400</b>
0.50 or less	168	3	46	5	25	23	50	12	5	4	4	13 000
0.51 to 1.00	61	-	5	4	11	13	16	7	5	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	4	-	-	-	4	-	-	-	-	-	-	...
<b>BEDROOMS</b>												
None and 1	797	-	35	139	188	168	267	-	-	-	-	13 000
2	6 301	108	624	723	873	1 260	1 808	484	340	81	8	14 100
3	18 746	42	499	1 169	2 795	4 036	7 048	2 233	727	116	81	15 500
4 or more	11 082	61	215	745	1 978	2 403	3 879	819	610	311	61	15 200
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	16	-	-	-	-	-	-	-	11	5	-	...
1965 to 1968	188	-	-	-	5	11	55	54	37	22	4	22 100
1960 to 1964	376	-	-	8	20	21	138	114	65	10	-	20 000
1950 to 1959	4 011	-	43	25	106	212	1 853	1 175	511	81	5	19 500
1940 to 1949	2 765	10	46	119	227	455	1 225	556	91	32	-	17 100
1939 or earlier	29 402	276	1 192	2 924	5 590	6 730	9 340	2 149	798	255	148	14 300
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	31 527	269	1 125	2 865	5 379	6 431	10 956	3 443	965	79	15	14 900
2 and 2 1/2	4 156	11	71	278	557	724	1 354	586	368	150	57	16 500
3 or more	644	-	6	-	6	31	99	154	132	128	88	27 000
None or also used by another household	370	42	59	48	47	58	80	23	7	6	-	11 900
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>31 881</b>	<b>192</b>	<b>935</b>	<b>2 467</b>	<b>5 023</b>	<b>6 402</b>	<b>11 241</b>	<b>3 702</b>	<b>1 399</b>	<b>373</b>	<b>147</b>	<b>15 300</b>
Male head, wife present, no nonrelatives	26 307	140	733	1 744	3 855	5 214	9 690	3 246	1 263	316	106	15 600
Under 25 years	413	-	4	39	51	84	26	26	22	6	-	15 700
25 to 34 years	3 930	7	60	187	469	865	1 717	456	141	23	5	15 900
35 to 44 years	4 590	16	95	271	594	987	1 686	555	265	90	31	15 900
45 to 64 years	12 430	81	345	784	1 795	2 308	4 609	1 664	652	147	45	15 900
65 years and over	4 944	36	229	463	946	1 497	545	183	50	25	14	14 600
Other male head	1 588	22	81	237	351	248	412	148	39	24	26	13 500
Under 65 years	1 018	22	43	102	210	196	280	101	29	19	16	14 200
65 years and over	570	-	38	135	141	52	132	47	10	5	10	12 000
Female head	3 986	30	121	486	817	940	1 139	308	97	33	15	13 900
Under 65 years	2 510	12	74	302	480	549	798	208	61	16	10	14 300
65 years and over	1 476	18	47	184	337	391	341	100	36	17	5	13 500
<b>One-person households</b>	<b>4 877</b>	<b>94</b>	<b>346</b>	<b>609</b>	<b>925</b>	<b>1 027</b>	<b>1 370</b>	<b>346</b>	<b>118</b>	<b>32</b>	<b>10</b>	<b>13 600</b>
Under 65 years	1 814	47	105	236	297	402	516	145	57	9	-	13 900
65 years and over	3 063	47	241	373	628	625	854	201	61	23	10	13 500
<b>INCOME IN 1969</b>												
Less than \$2,000	2 455	49	187	335	485	581	551	208	45	10	4	13 200
\$2,000 to \$2,999	1 772	36	119	217	389	340	564	79	20	3	5	13 400
\$3,000 to \$3,999	1 529	23	108	221	309	293	398	152	15	10	-	13 400
\$4,000 to \$4,999	1 327	12	57	182	231	302	382	117	44	-	-	14 000
\$5,000 to \$5,999	1 599	16	126	232	357	254	445	121	36	7	5	13 200
\$6,000 to \$6,999	1 558	18	65	196	348	290	479	122	34	-	6	13 800
7,000 to \$9,999	6 365	38	180	690	1 192	1 409	2 202	489	130	29	6	14 400
10,000 to \$14,999	10 780	72	273	651	1 542	2 347	4 163	1 302	346	48	36	15 500
15,000 to \$24,999	7 734	17	156	306	981	1 430	2 954	1 196	553	124	17	16 500
25,000 or more	1 639	5	10	46	114	183	473	262	294	174	78	19 900
Median	\$10 800	\$6 400	\$6 700	\$7 700	\$9 200	\$10 500	\$11 500	\$12 800	\$16 600	\$22 700	\$24 700	...
<b>EAR MOVED INTO UNIT</b>												
1969 to March 1970	2 366	12	51	192	312	498	843	326	106	19	7	15 600
1967	2 130	32	43	140	242	393	880	268	105	19	8	15 900
1965 and 1966	1 670	10	22	153	270	310	622	123	83	52	25	15 500
1960 to 1964	3 207	8	64	235	485	635	1 271	398	85	19	7	15 600
1950 to 1959	5 302	40	100	470	665	966	1 982	706	266	88	19	15 900
1949 or earlier	10 670	48	350	722	1 566	1 994	3 707	1 538	581	117	47	15 800
1939 or earlier	11 352	172	631	1 279	2 449	2 448	3 184	847	246	49	47	13 700
<b>HEATING EQUIPMENT</b>												
Steam or hot water	4 175	12	122	419	690	738	1 197	524	281	120	72	15 400
Warm-air furnace	30 109	228	982	2 375	4 770	6 190	10 634	3 385	1 209	267	69	15 200
Built-in electric units	212	-	11	39	39	34	68	9	12	-	-	13 800
Floor, wall, or pipeless furnace	332	11	31	49	42	68	106	9	6	5	5	13 700
Other means	1 918	35	135	194	401	399	600	121	9	13	11	13 700
None	12	-	-	-	6	-	6	-	-	-	-	...
<b>AIR CONDITIONING</b>												
Room unit(s)	6 641	30	110	360	912	975	2 557	1 037	449	145	66	16 600
Central system	498	-	4	29	51	100	134	76	64	27	13	16 900
None	29 558	292	1 147	2 802	5 026	6 169	9 798	3 093	959	191	81	14 700

<sup>1</sup>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]

Rochester	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)
<b>Specified renter occupied<sup>1</sup></b>	<b>52 998</b>	<b>919</b>	<b>1 142</b>	<b>2 183</b>	<b>2 841</b>	<b>8 747</b>	<b>10 660</b>	<b>13 795</b>	<b>8 852</b>	<b>2 068</b>	<b>255</b>	<b>1 536</b>	<b>119</b>
<b>ROOMS</b>													
1 room	3 354	396	372	622	486	742	390	129	109	32	39	37	76
2 rooms	4 533	116	197	561	562	1 374	858	525	221	33	-	86	111
3 rooms	13 997	254	263	511	1 002	3 113	3 253	3 718	1 371	221	55	236	91
4 rooms	13 065	88	212	273	461	1 939	3 142	3 836	2 247	468	60	339	122
5 rooms	9 414	32	79	139	201	1 067	2 143	3 051	2 067	331	30	274	129
6 rooms	6 026	10	15	39	91	384	702	1 987	2 036	466	40	256	145
7 rooms	1 580	10	4	30	27	88	95	372	522	302	12	118	160
8 rooms or more	1 029	13	-	8	11	40	77	177	279	215	19	190	167
Median	3.8	2.0	2.5	2.3	2.9	3.2	3.8	4.2	4.7	5.3	4.1	4.8	...
<b>PERSONS</b>													
1 person	18 964	759	820	1 602	1 940	4 535	3 651	3 151	1 482	376	116	532	98
2 persons	14 494	116	192	315	569	2 305	3 109	4 351	2 581	453	69	434	123
3 persons	7 764	20	62	92	149	831	1 802	2 588	1 574	361	37	248	129
4 persons	5 171	9	30	64	98	468	1 065	1 726	1 270	296	10	135	134
5 persons	2 901	7	18	59	22	288	502	921	785	209	8	82	137
6 persons or more	3 704	8	20	51	63	320	531	1 058	1 160	373	15	105	143
Median	2.0	1.1	1.2	1.2	1.2	1.5	2.0	2.4	2.7	3.1	1.7	2.0	...
Units with roomers, boarders, or lodgers	1 914	16	52	62	20	201	275	503	535	179	33	38	139
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>	<b>50 464</b>	<b>595</b>	<b>784</b>	<b>1 631</b>	<b>2 490</b>	<b>8 227</b>	<b>10 480</b>	<b>13 681</b>	<b>8 801</b>	<b>2 051</b>	<b>235</b>	<b>1 489</b>	<b>121</b>
0.50 or less	25 209	399	442	964	1 625	4 836	5 145	6 149	3 689	870	144	946	115
0.51 to 1.00	21 781	188	302	590	773	2 850	4 617	6 547	4 335	1 002	85	492	126
1.01 to 1.50	2 793	8	21	33	63	413	561	829	676	158	-	31	130
1.51 or more	681	-	19	44	29	128	157	156	101	21	6	20	114
<b>Lacking some or all plumbing facilities</b>	<b>2 534</b>	<b>324</b>	<b>358</b>	<b>552</b>	<b>351</b>	<b>520</b>	<b>180</b>	<b>114</b>	<b>51</b>	<b>17</b>	<b>20</b>	<b>47</b>	<b>70</b>
0.50 or less	725	29	99	158	108	136	93	54	21	6	-	21	76
0.51 to 1.00	1 705	290	244	378	238	360	78	51	25	11	20	10	68
1.01 to 1.50	28	-	-	-	-	8	5	9	-	-	-	6	...
1.51 or more	76	5	15	16	5	16	4	-	5	-	-	10	...
<b>BEDROOMS</b>													
None	4 342	373	270	783	781	985	586	260	177	20	64	43	79
1	19 220	332	366	757	1 597	4 113	4 737	4 662	1 944	159	41	512	109
2	18 457	108	258	232	616	1 966	4 342	5 517	3 700	842	106	770	127
3 or more	11 026	40	20	114	197	915	1 142	3 212	3 468	1 047	111	760	145
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	626	5	11	16	14	93	70	120	239	40	-	18	144
1965 to 1968	2 452	135	33	23	68	164	317	477	930	213	87	5	150
1960 to 1964	1 603	11	-	52	120	155	264	505	342	121	-	33	131
1950 to 1959	2 740	25	45	28	67	207	357	829	606	259	38	79	135
1940 to 1949	5 177	21	132	140	628	1 313	1 549	951	179	14	99	123	123
1939 or earlier	40 400	722	921	1 713	2 432	7 500	8 339	10 315	5 784	1 256	116	1 302	115
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	3 956	119	214	217	429	825	599	741	436	164	166	46	105
With elevator	3 486	98	187	217	363	692	536	650	367	164	166	46	106
Walk-up	470	21	-	-	66	133	63	91	69	-	-	-	98
1 to 3 floors	49 089	734	700	1 669	2 762	7 154	10 208	12 910	8 853	1 904	156	2 039	121
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	48 253	529	733	1 562	2 343	8 108	10 258	13 331	8 346	1 858	79	1 106	120
2 or more	1 315	51	53	75	20	82	75	175	294	203	133	154	158
None or also used by another household	3 424	356	433	636	403	727	309	290	148	38	19	65	76
<b>INCOME IN 1969</b>													
Less than \$2,000	8 241	391	380	749	900	1 662	1 551	1 370	684	195	30	329	99
\$2,000 to \$2,999	3 906	132	154	293	279	939	773	727	374	74	-	161	102
\$3,000 to \$3,999	3 954	50	86	170	298	893	868	949	485	50	15	90	110
\$4,000 to \$4,999	3 909	69	79	207	273	781	875	982	476	82	14	71	112
\$5,000 to \$5,999	4 235	56	96	128	209	962	994	1 081	540	108	5	56	113
\$6,000 to \$6,999	4 369	61	88	112	215	684	939	1 327	689	135	9	110	121
\$7,000 to \$9,999	10 726	94	150	269	287	1 498	2 330	3 218	2 150	421	35	274	126
\$10,000 to \$14,999	9 494	55	86	175	333	938	1 773	3 022	2 230	571	56	255	133
\$15,000 to \$24,999	3 677	11	23	68	32	335	519	1 007	1 119	354	64	145	143
\$25,000 or more	487	-	-	12	15	55	38	112	105	78	27	45	147
Median	\$6 500	\$2 500	\$3 400	\$3 300	\$3 800	\$5 100	\$6 300	\$7 400	\$8 600	\$9 800	\$11 700	\$6 600	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	18 869	278	334	655	668	2 450	3 610	5 467	4 062	1 069	80	196	127
1968	8 104	135	94	189	383	1 175	1 801	2 349	1 428	353	54	143	123
1967	5 135	87	78	227	188	931	1 061	1 364	922	173	27	77	119
1965 and 1966	7 135	101	151	375	373	1 323	1 557	1 919	997	191	7	141	115
1960 to 1964	6 623	161	214	309	526	1 511	1 293	1 488	795	170	16	140	108
1950 to 1959	4 572	128	207	347	395	948	891	808	452	109	43	244	103
1949 or earlier	2 554	46	141	171	233	579	429	401	132	34	4	384	97
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	3 980	277	282	371	401	952	784	694	171	48	-	...	95
10 to 14 percent	8 896	92	198	348	428	1 576	2 108	2 566	1 378	186	16	...	117
15 to 19 percent	8 696	73	72	251	367	1 367	1 980	2 624	1 621	312	29	...	123
20 to 24 percent	6 768	67	96	156	259	1 026	1 253	2 016	1 576	304	22	...	128
25 to 34 percent	7 681	176	136	180	301	1 054	1 466	2 300	1 563	465	40	...	127
35 percent or more	14 415	205	349	830	1 007	2 555	2 820	3 373	2 405	733	138	...	116
Not computed	2 562	36	9	47	78	217	249	222	138	20	10	1 536	110
<b>AIR CONDITIONING</b>													
Room unit(s)	6 206	85	66	131	125	664	993	1 529	1 847	497	50	219	138
Central system	784	25	-	11	21	54	49	60	266	181	91	26	180
None	46 002	826	1 153	2 131	2 620	8 199	9 600	12 207	6 675	1 421	90	1 080	116

<sup>1</sup>Excludes 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]

<b>Rochester</b>		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)
<b>Owner occupied housing units</b>		<b>48 004</b>	<b>3 903</b>	<b>2 646</b>	<b>2 227</b>	<b>1 928</b>	<b>2 186</b>	<b>2 316</b>	<b>8 332</b>	<b>13 331</b>	<b>9 210</b>	<b>1 925</b>	<b>10 200</b>
<b>ROOMS</b>													
1 and 2 rooms	218	68	28	7	6	15	10	38	31	15	-	-	5 000
3 rooms	1 446	215	229	155	73	87	137	235	231	71	13	13	5 600
4 rooms	4 515	653	367	318	268	283	305	848	848	555	50	50	7 200
5 rooms	9 002	873	597	607	489	512	455	1 544	2 549	1 190	186	186	8 900
6 rooms	18 072	1 383	853	745	629	736	740	3 208	5 531	3 672	575	575	10 700
7 rooms or more	14 751	711	572	395	463	553	669	2 459	4 121	3 707	1 101	1 101	11 900
<b>PERSONS</b>													
1 person	7 634	2 478	1 348	704	507	547	556	890	461	93	50	50	3 000
2 persons	15 072	985	1 090	1 174	1 004	1 043	976	2 923	3 594	1 854	429	429	8 300
3 and 4 persons	15 357	330	143	217	298	340	486	2 331	5 652	4 334	723	723	12 700
5 persons	4 541	54	32	74	43	119	93	685	1 762	1 396	283	283	13 300
6 persons or more	5 400	56	33	58	76	134	205	1 003	1 862	1 533	440	440	13 000
Units with roomers, boarders, or lodgers	1 273	241	91	112	81	110	69	228	168	157	16	16	6 000
<b>BEDROOMS</b>													
Less than 3	13 859	1 657	1 174	1 050	731	830	888	2 286	3 104	1 862	277	277	7 800
3	22 150	1 506	1 064	824	762	1 176	1 127	3 799	6 590	4 380	922	922	10 600
4 or more	11 935	677	611	220	253	393	550	2 013	3 158	3 040	1 020	1 020	12 000
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	26	-	-	10	-	-	-	-	-	-	16	-	...
1960 to 1968	682	32	25	5	22	28	47	125	206	156	36	36	11 400
1950 to 1959	4 277	206	142	171	96	133	115	759	1 333	1 093	229	229	11 900
1949 or earlier	43 019	3 665	2 479	2 041	1 810	2 025	2 154	7 448	11 792	7 945	1 660	1 660	10 000
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	3 246	141	52	81	102	120	194	742	1 243	538	33	33	10 800
1968	2 780	131	26	80	48	104	172	538	1 076	509	96	96	11 400
1960 to 1967	13 111	684	329	317	433	435	445	2 692	4 381	2 818	577	577	11 400
1959 or earlier	28 867	3 013	2 122	1 781	1 401	1 470	1 410	4 400	6 795	5 358	1 137	1 137	9 200
<b>SELECTED CHARACTERISTICS</b>													
Automatic clothes washing machine	36 591	2 280	1 554	1 114	960	1 539	1 677	6 413	10 815	8 227	2 012	2 012	11 300
Clothes dryer	22 902	956	544	433	250	842	715	3 640	7 697	6 222	1 603	1 603	12 600
Dishwasher	8 605	297	105	60	17	184	297	1 184	2 689	2 659	1 113	1 113	14 000
Home food freezer	10 359	572	563	226	94	413	335	1 618	3 179	2 593	766	766	12 100
Owned second home	3 127	229	97	38	109	160	200	382	870	649	393	393	12 000
With air conditioning	9 261	419	209	292	192	245	439	1 551	2 683	2 471	760	760	12 400
Room unit(s)	8 555	379	193	261	174	232	392	1 421	2 463	2 342	698	698	12 500
Central system	706	40	16	31	18	13	47	130	220	129	62	62	11 300
Automobiles available:													
1	27 441	1 438	1 122	1 256	1 132	1 354	1 474	6 039	9 016	4 073	537	537	10 000
2	10 494	151	75	143	164	205	159	1 249	3 474	4 049	825	825	14 500
3 or more	1 886	28	25	11	13	14	7	102	359	916	411	411	19 200
<b>Renter occupied housing units</b>		<b>53 234</b>	<b>8 314</b>	<b>3 924</b>	<b>3 959</b>	<b>3 937</b>	<b>4 243</b>	<b>4 385</b>	<b>10 764</b>	<b>9 526</b>	<b>3 690</b>	<b>492</b>	<b>6 500</b>
<b>ROOMS</b>													
1 room	3 354	1 010	354	331	264	282	265	470	325	32	21	21	3 900
2 rooms	4 538	1 227	575	422	392	383	339	718	303	157	22	22	4 100
3 rooms	14 026	2 546	1 347	1 241	1 199	1 282	1 169	2 423	2 008	735	76	76	5 500
4 rooms	13 138	1 684	828	900	875	1 088	1 127	2 980	2 595	962	99	99	7 100
5 rooms	9 425	964	492	606	702	611	913	2 263	2 037	728	109	109	7 600
6 rooms or more	8 753	883	328	459	505	597	572	1 910	2 258	1 076	165	165	8 600
<b>PERSONS</b>													
1 person	19 053	5 360	2 037	1 752	1 643	1 752	1 663	2 974	1 395	380	97	97	4 200
2 persons	14 494	1 268	1 092	1 094	1 125	1 134	1 076	2 899	3 311	1 378	117	117	7 500
3 and 4 persons	13 002	1 127	550	742	701	876	1 165	3 333	3 148	1 180	180	180	8 200
5 persons	2 944	237	142	193	199	144	230	627	763	365	44	44	8 400
6 persons or more	3 741	322	103	178	269	337	251	931	909	387	54	54	8 300
Units with roomers, boarders, or lodgers	1 924	406	158	184	155	229	145	400	214	24	9	9	5 300
<b>BEDROOMS</b>													
None	4 342	1 200	441	648	322	331	350	525	456	69	-	-	3 800
1	19 238	3 321	1 800	1 696	1 696	1 522	1 634	3 877	2 457	1 101	134	134	5 700
2	18 507	2 077	991	1 297	1 210	1 191	1 918	4 022	4 310	2 622	229	229	7 400
3 or more	11 174	1 123	411	818	731	692	590	2 455	2 836	1 149	369	369	8 500
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	644	101	42	19	41	83	99	102	82	66	9	9	6 400
1960 to 1968	4 065	645	380	322	314	212	285	752	690	412	53	53	6 600
1950 to 1959	2 748	377	201	185	200	208	152	535	595	238	57	57	7 300
1949 or earlier	45 777	7 191	3 301	3 433	3 382	3 740	3 849	9 375	8 159	2 974	373	373	6 500
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	18 953	2 899	1 427	1 547	1 591	1 811	1 599	3 744	3 193	1 053	89	89	6 100
1968	8 153	864	473	510	533	681	773	1 899	1 758	614	48	48	7 400
1960 to 1967	18 928	3 109	1 472	1 286	1 220	1 424	1 590	3 873	3 306	1 477	171	171	6 600
1959 or earlier	7 200	1 588	592	479	542	472	427	1 241	1 163	586	110	110	5 800
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
<b>Specified renter occupied<sup>1</sup></b>		<b>52 998</b>	<b>8 241</b>	<b>3 906</b>	<b>3 954</b>	<b>3 909</b>	<b>4 235</b>	<b>4 369</b>	<b>10 726</b>	<b>9 494</b>	<b>3 677</b>	<b>487</b>	<b>6 500</b>
Less than 15 percent	12 876	-	6	17	106	235	462	2 523	5 872	3 224	431	431	12 600
15 to 19 percent	8 696	5	35	68	353	641	975	3 904	2 442	262	11	11	8 700
20 to 24 percent	6 768	-	100	303	628	1 090	1 247	2 662	716	22	-	-	7 000
25 to 34 percent	7 681	171	439	1 032	1 643	1 622	1 362	1 219	174	19	-	-	5 300
35 percent or more	14 415	6 710	3 165	2 444	1 108	591	213	144	35	5	-	-	2 200
Not computed	2 562	1 355	161	90	71	56	110	274	255	145	45	45	2000-
<b>SELECTED CHARACTERISTICS</b>													
Automatic clothes washing machine	16 623	1 421	655	1 095	758	779	1 344	3 775	4 730	1 606	460	460	8 800
Clothes dryer	8 304	623	442	513	358	358	613	1 772	2 388	1 002	277	277	9 200
Dishwasher	2 539	126	150	62	79	34	142	565	635	558	188	188	10 900
Home food freezer	3 281	409	248	241	209	104	123	514	858	470	105	105	8 800
Owned second home	1 460	277	42	113	41	24	38	123	291	331	180	180	11 200
With air conditioning	7 050	654	342	378	371	443	451	1 366	1 876	1 027	142	142	8 900
Room unit(s)	6 253	570	320	309	318	369	413	1 241	1 673	912	128	128	9 000
Central system	797	84	22	69</									

**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]

Rochester	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
<b>Owner occupied housing units</b> -----	<b>48 004</b>	<b>47 522</b>	<b>28 956</b>	<b>16 812</b>	<b>1 543</b>	<b>211</b>	<b>482</b>	<b>371</b>	<b>91</b>	<b>6</b>	<b>14</b>
<b>PERSONS</b>											
1 person -----	7 634	7 446	7 433	13	-	-	188	188	-	-	-
2 persons -----	15 072	14 910	14 304	591	-	15	162	145	17	-	-
3 persons -----	8 243	8 181	5 911	2 254	11	5	62	28	24	6	4
4 persons -----	7 114	7 070	990	6 040	34	6	44	10	30	-	4
5 persons -----	4 541	4 526	318	4 090	99	19	11	-	9	-	6
6 persons or more -----	5 400	5 389	-	3 824	1 399	166	15	-	11	-	-
Median -----	2.7	2.7	2.0	4.4	7.3	7.5+	1.8	1.5	...	...	...
Units with roomers, boarders, or lodgers -----	1 273	1 253	637	514	77	25	20	10	-	-	10
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 -----	25	25	12	13	-	-	-	-	-	-	-
1965 to 1968 -----	220	220	136	80	-	4	-	-	-	-	-
1960 to 1964 -----	395	388	259	117	12	7	7	-	-	-	-
1950 to 1959 -----	4 288	4 244	2 290	1 713	212	29	44	13	22	9	-
1940 to 1949 -----	3 255	3 240	1 713	1 431	83	13	15	-	7	-	8
1939 or earlier -----	39 821	39 415	24 602	13 401	1 284	128	406	343	50	-	13
<b>INCOME IN 1969</b>											
Less than \$2,000 -----	3 903	3 802	3 432	340	30	-	101	90	7	-	4
\$2,000 to \$2,999 -----	2 646	2 615	2 419	164	26	6	31	31	-	-	-
\$3,000 to \$3,999 -----	2 227	2 151	1 872	243	36	-	76	72	4	-	-
\$4,000 to \$4,999 -----	1 928	1 901	1 586	270	45	-	27	27	-	-	-
\$5,000 to \$5,999 -----	2 184	2 161	1 697	414	50	-	25	17	4	-	4
\$6,000 to \$6,999 -----	2 316	2 263	1 656	530	72	-	53	38	9	-	6
\$7,000 to \$9,999 -----	8 332	8 277	4 879	2 990	364	44	55	17	32	6	-
\$10,000 to \$14,999 -----	13 331	13 272	6 365	6 377	471	59	59	33	26	-	-
\$15,000 to \$24,999 -----	9 210	9 169	4 142	4 567	384	76	41	32	9	-	-
\$25,000 or more -----	1 925	1 911	908	917	65	21	14	14	-	-	-
Median -----	\$10 200	\$10 200	\$8 100	\$12 700	\$11 600	\$14 300	\$5 200	\$3 900	...	...	...
<b>VALUE-INCOME RATIO</b>											
<b>Specified owner occupied<sup>1</sup></b>											
Less than 1.5 -----	18 291	18 214	8 830	8 455	809	120	77	61	16	-	4
1.5 to 1.9 -----	6 552	6 514	3 689	2 624	184	17	38	20	18	-	-
2.0 to 2.4 -----	3 216	3 173	2 010	1 059	93	11	43	12	27	-	4
2.5 to 2.9 -----	1 606	1 603	1 219	337	47	-	3	3	-	-	-
3.0 to 3.9 -----	2 014	1 995	1 736	241	18	-	19	19	-	-	-
4.0 or more -----	4 886	4 833	4 396	388	43	6	53	53	-	-	-
Not computed -----	193	193	174	15	4	-	-	-	-	-	-
<b>HEATING EQUIPMENT</b>											
Steam or hot water -----	6 267	6 224	4 012	1 977	187	48	43	39	4	-	-
Warm-air furnace -----	38 221	37 823	22 961	13 587	1 131	144	398	306	78	-	14
Built-in electric units -----	304	304	146	128	24	6	-	-	-	-	-
Floor, wall, or pipeless furnace -----	434	434	271	142	21	-	-	-	-	-	-
Other means -----	2 766	2 725	1 560	972	180	13	41	26	9	6	-
None -----	12	12	6	6	-	-	-	-	-	-	-
<b>Renter occupied housing units</b> -----	<b>53 234</b>	<b>50 700</b>	<b>25 302</b>	<b>21 893</b>	<b>2 820</b>	<b>685</b>	<b>2 534</b>	<b>725</b>	<b>1 705</b>	<b>28</b>	<b>76</b>
<b>PERSONS</b>											
1 person -----	19 053	16 936	15 239	1 697	-	-	2 117	661	1 456	-	-
2 persons -----	14 494	14 264	8 480	5 672	-	112	230	54	149	-	27
3 persons -----	7 797	7 705	1 440	6 148	108	9	92	10	61	8	13
4 persons -----	5 205	5 171	100	4 719	299	53	34	-	24	5	5
5 persons -----	2 944	2 916	43	2 228	545	100	28	-	4	6	18
6 persons or more -----	3 741	3 708	-	1 429	1 868	411	33	-	11	9	13
Median -----	2.0	2.1	1.3	3.1	6.1	6.7	1.1	1.0	1.1	...	...
Units with roomers, boarders, or lodgers -----	1 924	1 877	689	1 033	87	68	47	-	27	-	20
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970 -----	606	606	190	367	32	17	-	-	-	-	-
1965 to 1968 -----	2 518	2 480	1 322	1 122	18	18	38	-	38	-	-
1960 to 1964 -----	1 571	1 550	671	797	75	7	21	15	6	-	-
1950 to 1959 -----	2 809	2 809	1 325	1 216	112	36	120	-	112	8	-
1940 to 1949 -----	5 209	5 107	2 316	2 364	355	72	102	30	66	-	6
1939 or earlier -----	40 521	38 193	19 420	16 050	2 139	584	2 328	700	1 542	19	67
<b>INCOME IN 1969</b>											
Less than \$2,000 -----	8 314	7 506	4 966	2 188	258	94	808	238	535	-	35
\$2,000 to \$2,999 -----	3 924	3 622	2 162	1 323	99	38	302	87	210	-	5
\$3,000 to \$3,999 -----	3 959	3 774	2 045	1 494	182	53	185	43	142	-	-
\$4,000 to \$4,999 -----	3 937	3 690	1 997	1 418	218	57	247	88	147	8	4
\$5,000 to \$5,999 -----	4 243	4 020	2 204	1 517	242	57	223	33	175	5	10
\$6,000 to \$6,999 -----	4 385	4 231	2 154	1 782	252	43	154	47	107	5	-
\$7,000 to \$9,999 -----	10 764	10 473	4 773	4 787	768	145	291	84	197	5	5
\$10,000 to \$14,999 -----	9 526	9 303	3 435	5 122	593	153	223	75	144	-	4
\$15,000 to \$24,999 -----	3 690	3 611	1 381	2 008	177	45	79	30	31	10	8
\$25,000 or more -----	492	470	185	254	31	-	22	17	-	-	5
Median -----	\$6 500	\$6 600	\$5 700	\$7 800	\$7 600	\$7 000	\$3 800	\$3 900	\$3 800	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
<b>Specified renter occupied<sup>2</sup></b>											
Less than 10 percent -----	3 980	3 662	1 424	1 944	226	68	318	95	216	4	3
10 to 14 percent -----	8 896	8 485	3 420	4 505	459	101	411	103	289	-	19
15 to 19 percent -----	8 696	8 388	3 772	3 962	515	139	308	78	226	-	4
20 to 24 percent -----	6 768	6 534	3 210	2 804	467	53	234	62	194	10	-
25 to 34 percent -----	7 681	7 395	3 934	2 892	453	115	286	79	194	8	-
35 percent or more -----	14 415	13 561	8 042	4 773	571	175	854	281	543	-	30
Not computed -----	2 562	2 439	1 407	901	102	29	123	27	75	6	15
<b>HEATING EQUIPMENT</b>											
Steam or hot water -----	17 082	15 895	8 964	6 141	579	211	1 187	257	900	11	19
Warm-air furnace -----	29 021	27 890	13 409	12 520	1 629	332	1 131	352	729	8	42
Built-in electric units -----	1 389	1 364	643	628	77	16	25	15	10	-	-
Floor, wall, or pipeless furnace -----	917	896	431	369	91	5	21	16	-	-	5
Other means -----	4 783	4 623	1 842	2 216	444	121	160	80	61	9	10
None -----	42	32	13	19	-	-	10	5	5	-	-

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

<sup>2</sup>Excludes 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]

**Rochester**

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	<b>48 004</b>	<b>48</b>	<b>170</b>	<b>1 446</b>	<b>4 515</b>	<b>9 002</b>	<b>18 072</b>	<b>7 904</b>	<b>6 847</b>	<b>6.0</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	47 285	33	149	1 251	4 555	8 969	17 808	7 658	6 862	6.0
<b>PERSONS</b>										
1 person	7 634	13	105	684	1 280	1 637	2 520	820	575	5.5
2 persons	15 072	15	38	570	2 101	3 656	5 480	1 836	1 376	5.7
3 persons	8 243	9	17	123	612	1 543	3 529	1 505	905	6.0
4 persons	7 114	-	10	34	366	1 268	3 052	1 384	1 000	6.1
5 persons	4 541	-	-	25	99	566	1 957	953	941	6.3
6 persons or more	5 400	11	-	10	57	332	1 534	1 406	2 050	7.0
Median	2.7	...	1.3	1.6	2.0	2.3	2.8	3.4	4.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>47 522</b>	<b>44</b>	<b>135</b>	<b>1 378</b>	<b>4 440</b>	<b>8 924</b>	<b>17 974</b>	<b>7 844</b>	<b>6 783</b>	<b>6.0</b>
0.50 or less	28 956	-	80	644	3 320	5 227	11 446	4 118	4 121	6.0
0.51 to 1.00	16 812	13	38	671	964	3 365	5 946	3 474	2 341	6.1
1.01 to 1.50	1 543	-	11	34	129	297	553	231	288	6.0
1.51 or more	211	31	6	29	27	35	29	21	33	4.9
<b>Lacking some or all plumbing facilities</b>	<b>482</b>	<b>4</b>	<b>35</b>	<b>68</b>	<b>75</b>	<b>98</b>	<b>78</b>	<b>60</b>	<b>64</b>	<b>5.3</b>
0.50 or less	371	-	25	40	61	66	83	43	53	5.4
0.51 to 1.00	91	-	-	22	14	12	15	17	11	...
1.01 to 1.50	6	-	6	-	-	-	-	-	-	...
1.51 or more	14	4	4	6	-	-	-	-	-	...
<b>BEDROOMS</b>										
None and 1	3 282	63	21	1 499	1 051	391	218	19	20	3.6
2	10 577	-	-	182	2 956	5 207	1 807	284	141	4.9
3	22 150	-	-	-	137	3 024	15 132	3 062	795	6.0
4 or more	11 935	-	-	-	-	74	1 036	5 051	5 774	7.5
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	26	-	-	5	5	-	6	5	5	...
1960 to 1968	682	-	5	10	193	180	151	100	43	5.2
1950 to 1959	4 277	5	11	80	921	1 413	1 294	376	177	5.3
1949 or earlier	43 019	43	154	1 351	3 396	7 409	16 621	7 423	6 622	6.1
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	40 298	21	109	988	3 888	8 065	16 337	6 487	4 403	5.9
2 or more	7 058	12	63	268	673	914	1 494	1 175	2 459	6.6
None or also used by another household	648	8	49	114	94	117	132	53	81	5.0
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>36 758</b>	<b>31</b>	<b>24</b>	<b>271</b>	<b>2 074</b>	<b>5 544</b>	<b>15 222</b>	<b>7 319</b>	<b>6 273</b>	<b>6.2</b>
Less than 1.5	18 291	10	6	79	679	2 281	7 651	4 099	3 486	6.3
1.5 to 1.9	6 552	-	10	40	353	1 028	2 777	1 166	1 178	6.2
2.0 to 2.9	4 822	15	-	56	406	892	1 884	840	729	6.1
3.0 or more	6 900	6	8	96	611	1 312	2 826	1 192	849	6.0
Not computed	193	-	-	-	25	31	84	22	31	6.0
<b>Renter occupied housing units</b>	<b>53 234</b>	<b>3 354</b>	<b>4 538</b>	<b>14 026</b>	<b>13 138</b>	<b>9 425</b>	<b>6 087</b>	<b>1 623</b>	<b>1 043</b>	<b>3.9</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	49 051	1 476	3 926	13 348	12 643	9 064	6 016	1 597	981	4.0
<b>PERSONS</b>										
1 person	19 053	3 153	3 556	7 430	3 002	1 273	513	71	55	2.9
2 persons	14 494	139	791	5 030	4 626	2 501	1 044	247	116	3.8
3 persons	7 797	22	116	1 119	2 964	2 126	1 093	219	138	4.4
4 persons	5 205	11	47	304	1 611	1 577	1 243	312	100	4.9
5 persons	2 944	16	24	78	551	996	882	239	158	5.3
6 persons or more	3 741	13	4	65	384	952	1 312	535	476	5.8
Median	2.0	1.0	1.1	1.4	2.3	2.9	3.8	4.4	5.2	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>50 700</b>	<b>1 848</b>	<b>4 090</b>	<b>13 697</b>	<b>13 018</b>	<b>9 361</b>	<b>6 049</b>	<b>1 611</b>	<b>1 026</b>	<b>3.9</b>
0.50 or less	25 302	-	3 171	7 241	7 564	3 726	2 625	533	442	3.8
0.51 to 1.00	21 893	1 697	748	6 019	4 539	4 683	2 811	931	465	4.0
1.01 to 1.50	2 820	-	108	299	798	813	556	127	119	4.8
1.51 or more	685	151	63	138	117	139	57	20	-	3.4
<b>Lacking some or all plumbing facilities</b>	<b>2 534</b>	<b>1 506</b>	<b>448</b>	<b>329</b>	<b>120</b>	<b>64</b>	<b>38</b>	<b>12</b>	<b>17</b>	<b>1.3</b>
0.50 or less	725	-	385	189	64	48	25	4	10	2.4
0.51 to 1.00	1 705	1 456	43	130	36	16	9	8	7	1.1
1.01 to 1.50	28	-	8	5	11	-	4	-	-	...
1.51 or more	76	50	12	5	9	-	-	-	-	...
<b>BEDROOMS</b>										
None	4 342	3 107	1 097	138	-	-	-	-	-	1.2
1	19 238	-	3 239	12 860	2 608	510	-	21	-	3.0
2	18 507	-	-	1 081	10 729	5 772	793	85	47	4.3
3 or more	11 174	-	-	-	185	3 267	5 087	1 488	1 147	5.9
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	644	63	23	181	224	55	86	8	4	3.7
1960 to 1968	4 065	337	429	1 410	1 360	381	96	47	5	3.4
1950 to 1959	2 748	204	189	755	1 016	356	184	26	18	3.7
1949 or earlier	45 777	2 750	3 897	11 680	10 538	8 633	5 721	1 542	1 016	3.9
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	48 458	1 742	3 966	13 319	12 533	8 939	5 791	1 400	768	3.9
2 or more	1 344	88	40	155	224	197	230	197	213	5.3
None or also used by another household	3 432	1 617	621	500	262	247	123	33	29	1.7
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>52 998</b>	<b>3 354</b>	<b>4 533</b>	<b>13 997</b>	<b>13 065</b>	<b>9 414</b>	<b>6 026</b>	<b>1 580</b>	<b>1 029</b>	<b>3.9</b>
Less than 10 percent	3 980	387	318	960	1 087	664	411	86	67	3.8
10 to 14 percent	8 896	556	603	2 239	2 244	1 784	1 098	257	115	4.0
15 to 19 percent	8 696	402	565	2 085	2 385	1 686	1 152	284	137	4.0
20 to 24 percent	6 768	330	465	1 690	1 786	1 418	753	222	104	4.0
25 to 34 percent	7 681	408	672	2 112	1 833	1 377	899	246	134	3.9
35 percent or more	14 415	1 123	1 710	4 433	3 161	2 015	1 367	343	263	3.5
Not computed	2 562	148	200	478	569	470	346	142	209	4.3

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

<sup>2</sup>Excludes 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]

Rochester	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
<b>All occupied housing units</b>	<b>48 004</b>	<b>37 677</b>	<b>10 298</b>	<b>29</b>	<b>53 234</b>	<b>6 520</b>	<b>16 428</b>	<b>11 505</b>	<b>6 750</b>	<b>5 132</b>	<b>6 890</b>	<b>9</b>
<b>ROOMS</b>												
1 room	48	31	17	—	3 354	135	63	242	809	691	1 414	—
2 rooms	170	24	146	—	4 538	129	212	934	1 175	852	1 236	—
3 rooms	1 446	291	1 151	4	14 026	497	2 493	3 812	2 552	2 055	2 617	—
4 rooms	4 515	2 187	2 314	14	13 138	1 283	5 003	3 463	1 366	1 133	1 230	—
5 rooms	9 002	5 693	3 309	—	9 425	1 285	4 801	2 171	566	333	271	—
6 rooms	18 072	15 491	2 570	11	6 087	1 779	3 241	690	223	51	99	4
7 rooms	7 904	7 499	405	—	1 623	949	463	150	43	6	12	—
8 rooms or more	6 847	6 461	386	—	1 043	805	152	43	16	11	11	5
Median	6.0	6.2	5.0	...	3.9	5.7	4.6	3.7	3.0	3.0	2.8	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>47 522</b>	<b>37 433</b>	<b>10 060</b>	<b>29</b>	<b>50 700</b>	<b>6 455</b>	<b>16 250</b>	<b>11 108</b>	<b>5 994</b>	<b>4 635</b>	<b>6 249</b>	<b>9</b>
0.50 or less	28 956	22 622	6 312	22	25 302	2 785	7 559	5 580	3 301	2 565	3 512	—
0.51 to 1.00	16 812	13 427	3 378	7	21 893	3 030	7 546	4 563	2 387	1 883	2 480	4
1.01 to 1.50	1 543	1 230	313	—	2 820	537	1 023	769	218	116	152	5
1.51 or more	211	154	57	—	685	103	122	196	88	71	105	—
<b>Lacking some or all plumbing facilities</b>	<b>482</b>	<b>244</b>	<b>238</b>	<b>—</b>	<b>2 534</b>	<b>65</b>	<b>178</b>	<b>397</b>	<b>756</b>	<b>497</b>	<b>641</b>	<b>—</b>
0.50 or less	371	172	199	—	725	43	98	198	242	99	45	—
0.51 to 1.00	91	68	23	—	1 705	13	69	184	509	347	583	—
1.01 to 1.50	6	—	6	—	28	4	6	5	—	13	—	—
1.51 or more	14	4	10	—	76	5	5	10	5	38	13	—
<b>BEDROOMS</b>												
None	63	39	24	—	4 342	97	157	341	885	914	1 948	—
1	3 219	859	2 360	—	19 238	608	3 760	5 366	3 968	2 570	2 966	—
2	10 577	6 521	4 036	20	18 507	1 773	8 150	4 340	1 494	1 231	1 519	—
3	22 150	19 112	3 038	—	8 517	2 252	4 335	1 278	402	67	183	—
4 or more	11 935	11 308	627	—	2 657	1 857	466	141	45	62	86	—
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	26	16	10	—	644	87	49	218	55	113	118	—
1965 to 1968	251	197	45	9	2 462	196	219	315	308	541	883	4
1960 to 1964	431	396	35	—	1 603	87	139	345	74	413	545	—
1950 to 1959	4 277	4 092	181	4	5 248	364	348	346	434	269	987	—
1940 to 1949	3 283	2 857	415	11	5 243	746	1 574	929	753	609	632	—
1939 or earlier	39 736	30 119	9 612	5	40 534	5 040	14 099	9 352	5 126	3 187	3 725	5
<b>INCOME IN 1969</b>												
Less than \$2,000	3 903	2 560	1 339	4	8 314	812	1 976	1 974	1 195	940	1 417	—
\$2,000 to \$2,999	2 646	1 824	818	4	3 924	309	965	821	594	515	720	—
\$3,000 to \$3,999	2 227	1 585	642	—	3 959	414	1 100	805	523	465	652	—
\$4,000 to \$4,999	1 928	1 347	576	5	3 937	409	1 091	977	513	392	555	—
\$5,000 to \$5,999	2 186	1 622	564	—	4 243	465	1 104	1 003	676	414	577	—
\$6,000 to \$6,999	2 316	1 614	702	—	4 385	498	1 384	1 088	617	327	469	4
\$7,000 to \$9,999	8 332	6 513	1 814	5	10 764	1 410	3 576	2 312	1 288	983	1 195	—
\$10,000 to \$14,999	13 331	10 990	2 330	11	9 526	1 475	3 662	1 888	901	698	902	—
\$15,000 to \$24,999	9 210	7 886	1 324	—	3 690	617	1 392	602	417	348	309	—
\$25,000 or more	1 925	1 736	189	—	492	111	176	35	26	50	94	5
Median	\$10 200	\$10 800	\$7 800	...	\$6 500	\$7 800	\$7 500	\$6 200	\$5 800	\$5 600	\$5 200	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	3 246	2 433	807	6	18 953	2 152	5 615	4 230	2 833	2 028	2 088	7
1968	2 780	2 206	574	—	8 153	951	2 766	1 642	943	726	1 125	—
1967	2 227	1 731	484	12	5 135	593	1 612	1 093	698	436	697	6
1965 and 1966	4 134	3 282	852	—	7 159	910	2 201	1 675	764	690	919	—
1960 to 1964	6 750	5 411	1 339	—	6 634	897	1 890	1 512	761	581	993	—
1950 to 1959	11 643	9 481	2 148	14	4 259	411	1 273	839	526	403	807	—
1949 or earlier	17 224	13 068	4 156	—	2 941	595	950	498	240	322	336	—
<b>GROSS RENT</b>												
<b>Specified renter occupied<sup>1</sup></b>												
Less than \$50	...	...	...	...	52 998	6 284	16 428	11 505	6 750	5 132	6 890	9
\$50 to \$59	...	...	...	...	919	94	94	128	235	166	202	—
\$60 to \$69	...	...	...	...	1 142	84	152	233	289	223	161	—
\$70 to \$79	...	...	...	...	2 183	169	308	413	464	439	390	—
\$80 to \$99	...	...	...	...	2 841	161	583	698	447	368	584	—
\$100 to \$119	...	...	...	...	8 747	393	2 446	2 204	1 491	786	1 427	—
\$120 to \$149	...	...	...	...	10 660	799	3 375	2 909	1 286	1 081	1 210	—
\$150 to \$199	...	...	...	...	13 795	1 470	5 140	3 116	1 483	1 115	1 467	4
\$200 to \$299	...	...	...	...	8 852	1 769	3 271	1 425	848	659	875	5
\$300 or more	...	...	...	...	2 068	618	599	223	129	180	319	—
No cash rent	...	...	...	...	255	40	19	6	26	6	158	—
Median	...	...	...	...	\$119	\$142	\$126	\$114	\$107	\$110	\$110	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water	6 267	4 415	1 852	—	17 082	941	2 399	3 062	2 915	2 926	4 839	—
Warm-air furnace	38 221	30 710	7 486	25	29 021	4 546	11 764	6 537	3 009	1 659	1 506	—
Built-in electric units	304	225	75	4	1 389	144	232	347	200	240	226	—
Floor, wall, or pipeless furnace	434	337	97	—	917	157	244	255	96	79	82	4
Other means	2 766	1 978	788	—	4 783	725	1 760	1 298	530	228	237	5
None	12	12	—	—	42	7	29	6	—	—	—	—
<b>AIR CONDITIONING</b>												
Room unit(s)	8 555	6 892	1 657	6	6 253	706	1 452	1 156	780	937	1 222	—
Central system	706	557	149	—	797	151	128	37	120	132	229	—
None	38 743	30 163	8 554	26	46 184	5 652	14 727	10 296	5 865	4 117	5 514	13
<b>AUTOMOBILES AVAILABLE</b>												
1	27 441	21 827	5 588	26	26 789	3 463	8 843	5 525	3 371	2 701	2 886	—
2	10 494	8 779	1 715	—	4 793	877	2 037	800	533	338	208	—
3 or more	1 886	1 586	300	—	718	209	99	99	97	56	59	—
None	8 183	5 420	2 757	6	20 934	1 960	5 229	5 065	2 764	2 091	3 812	13

<sup>1</sup>Excludes 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]

Rochester	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		
<b>Owner occupied housing units</b> .....	<b>48 004</b>	<b>650</b>	<b>4 999</b>	<b>5 463</b>	<b>15 130</b>	<b>6 823</b>	<b>1 327</b>	<b>753</b>	<b>3 336</b>	<b>1 889</b>	<b>2 987</b>	<b>4 647</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> .....	<b>47 522</b>	<b>640</b>	<b>4 976</b>	<b>5 441</b>	<b>15 020</b>	<b>6 779</b>	<b>1 322</b>	<b>741</b>	<b>3 311</b>	<b>1 846</b>	<b>2 936</b>	<b>4 510</b>
0.50 or less .....	28 956	324	1 248	971	8 184	5 662	876	607	2 108	1 543	2 928	4 505
0.51 to 1.00 .....	16 812	299	3 463	3 782	6 292	1 076	402	130	1 063	292	8	5
1.01 to 1.50 .....	1 543	12	239	605	486	27	40	4	130	-	-	-
1.51 or more .....	211	5	26	83	58	14	4	-	10	11	-	-
<b>Locking some or all plumbing facilities</b> .....	<b>482</b>	<b>10</b>	<b>23</b>	<b>22</b>	<b>110</b>	<b>44</b>	<b>5</b>	<b>12</b>	<b>25</b>	<b>43</b>	<b>51</b>	<b>137</b>
0.50 or less .....	371	10	6	-	71	30	5	12	21	28	51	137
0.51 to 1.00 .....	91	-	11	22	31	14	-	-	4	9	-	-
1.01 to 1.50 .....	6	-	6	-	-	-	-	-	-	-	-	-
1.51 or more .....	14	-	-	-	8	-	-	-	-	6	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	37 677	437	3 994	4 704	12 757	5 083	1 038	579	2 565	1 496	1 862	3 162
2 or more .....	10 298	213	1 001	759	2 366	1 740	289	174	766	393	1 120	1 477
Mobile home or trailer .....	29	-	4	-	7	-	-	-	5	-	5	8
<b>INCOME IN 1969</b>												
Less than \$2,000 .....	3 903	12	78	56	216	423	27	71	281	261	432	2 046
\$2,000 to \$2,999 .....	2 646	14	26	5	108	769	33	60	150	133	196	1 152
\$3,000 to \$3,999 .....	2 227	20	61	30	128	906	21	61	151	145	232	472
\$4,000 to \$4,999 .....	1 928	34	49	36	123	745	40	36	237	121	223	284
\$5,000 to \$5,999 .....	2 186	26	44	94	359	623	36	48	283	126	356	191
\$6,000 to \$6,999 .....	2 316	34	162	165	332	465	84	58	300	160	393	163
\$7,000 to \$9,999 .....	8 332	182	1 248	1 015	2 326	1 082	280	146	771	392	725	165
\$10,000 to \$14,999 .....	13 331	234	2 402	2 316	5 333	997	393	137	740	318	346	115
\$15,000 to \$24,999 .....	9 210	94	811	1 515	5 160	588	327	106	331	185	58	35
\$25,000 or more .....	1 925	-	118	231	1 045	225	86	30	92	48	26	24
Median .....	\$10 200	\$10 100	\$11 700	\$12 900	\$13 700	\$5 900	\$11 800	\$7 900	\$8 000	\$7 000	\$6 100	\$2 200
<b>VALUE-INCOME RATIO</b>												
<b>Specified owner occupied<sup>1</sup></b> .....	<b>36 758</b>	<b>413</b>	<b>3 930</b>	<b>4 590</b>	<b>12 430</b>	<b>4 944</b>	<b>1 018</b>	<b>570</b>	<b>2 510</b>	<b>1 476</b>	<b>1 814</b>	<b>3 063</b>
Less than 1.5 .....	18 291	165	2 046	2 912	8 736	1 460	646	274	983	542	381	146
1.5 to 1.9 .....	6 552	106	1 174	1 041	2 061	673	210	65	516	192	355	159
2.0 to 2.4 .....	3 216	57	406	421	777	508	70	62	310	150	271	184
2.5 to 2.9 .....	1 606	31	95	78	347	449	9	24	156	86	160	171
3.0 to 3.9 .....	2 014	18	58	53	213	731	26	59	193	148	193	322
4.0 or more .....	4 886	36	151	85	281	1 109	52	86	320	338	404	2 024
Not computed .....	193	-	-	-	15	14	5	-	32	20	50	57
<b>Renter occupied housing units</b> .....	<b>53 234</b>	<b>4 601</b>	<b>7 820</b>	<b>3 113</b>	<b>4 835</b>	<b>2 503</b>	<b>2 346</b>	<b>323</b>	<b>7 825</b>	<b>815</b>	<b>12 346</b>	<b>6 707</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b> .....	<b>50 700</b>	<b>4 546</b>	<b>7 795</b>	<b>3 061</b>	<b>4 770</b>	<b>2 459</b>	<b>2 310</b>	<b>308</b>	<b>7 712</b>	<b>803</b>	<b>10 793</b>	<b>6 143</b>
0.50 or less .....	25 302	1 166	1 436	399	1 828	1 212	926	156	2 431	509	9 743	5 496
0.51 to 1.00 .....	21 893	3 113	5 307	1 995	2 528	1 219	1 259	127	4 375	274	1 050	647
1.01 to 1.50 .....	2 820	217	837	539	348	28	85	6	746	13	-	-
1.51 or more .....	685	50	215	128	66	6	40	19	160	7	-	-
<b>Locking some or all plumbing facilities</b> .....	<b>2 534</b>	<b>55</b>	<b>25</b>	<b>52</b>	<b>65</b>	<b>44</b>	<b>36</b>	<b>15</b>	<b>113</b>	<b>12</b>	<b>1 553</b>	<b>564</b>
0.50 or less .....	725	-	5	4	21	15	-	-	19	-	477	184
0.51 to 1.00 .....	1 705	37	15	34	36	26	23	10	62	6	1 076	380
1.01 to 1.50 .....	28	13	5	4	-	-	-	-	-	6	-	-
1.51 or more .....	76	5	-	10	8	3	13	5	32	-	-	-
<b>UNITS IN STRUCTURE</b>												
1 .....	6 520	359	1 151	782	937	264	290	87	1 330	128	759	433
2 to 4 .....	27 933	2 998	5 062	1 870	2 895	1 270	1 324	116	4 818	426	4 810	2 344
to 19 .....	11 882	987	1 200	355	636	467	515	57	1 131	147	4 579	1 808
20 or more .....	6 890	257	407	101	367	502	217	63	542	114	2 198	2 122
Mobile home or trailer .....	9	-	-	5	-	-	-	-	4	-	-	-
<b>ROSS RENT</b>												
<b>Specified renter occupied<sup>2</sup></b> .....	<b>52 998</b>	<b>4 597</b>	<b>7 789</b>	<b>3 089</b>	<b>4 808</b>	<b>2 503</b>	<b>2 346</b>	<b>323</b>	<b>7 764</b>	<b>815</b>	<b>12 312</b>	<b>6 652</b>
Less than \$50 .....	919	13	32	4	30	39	9	11	22	-	399	360
\$50 to \$59 .....	1 142	14	64	12	51	32	43	26	68	12	479	341
\$60 to \$69 .....	2 183	18	64	39	114	110	40	11	137	48	1 026	576
\$70 to \$79 .....	2 841	90	101	79	150	109	66	29	231	46	1 079	861
\$80 to \$99 .....	8 747	485	723	308	622	476	345	53	1 089	111	3 054	1 481
\$100 to \$119 .....	10 640	1 073	1 583	549	918	535	405	43	1 777	126	2 553	1 098
\$120 to \$149 .....	13 795	1 853	2 469	861	1 410	578	464	52	2 319	238	2 216	935
\$150 to \$199 .....	8 852	878	2 002	875	992	320	515	48	1 600	140	1 088	394
\$200 to \$299 .....	2 068	90	393	262	227	114	176	22	370	38	1 69	207
\$300 or more .....	255	-	6	10	34	21	43	-	21	4	55	61
No cash rent .....	1 536	83	152	90	260	169	40	28	130	52	194	338
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
<b>Specified renter occupied<sup>2</sup></b> .....	<b>52 998</b>	<b>4 597</b>	<b>7 789</b>	<b>3 089</b>	<b>4 808</b>	<b>2 503</b>	<b>2 346</b>	<b>323</b>	<b>7 764</b>	<b>815</b>	<b>12 312</b>	<b>6 652</b>
Less than \$5,000 .....	20 010	884	664	310	634	1 229	865	180	4 171	347	5 306	5 420
Less than 20 percent .....	590	15	30	5	14	23	30	5	79	4	264	121
20 to 24 percent .....	1 031	33	10	27	27	108	27	6	105	21	476	191
25 to 34 percent .....	3 285	183	150	53	119	268	120	37	543	29	1 038	745
35 percent or more .....	13 427	609	428	208	446	729	630	114	3 013	255	3 084	3 911
Not computed .....	1 677	44	46	17	28	101	58	18	431	38	444	452
\$5,000 to \$9,999 .....	19 330	2 185	3 153	1 205	1 529	804	937	76	2 790	280	5 462	909
Less than 20 percent .....	8 740	981	1 323	493	722	305	390	38	885	123	3 107	373
20 to 24 percent .....	4 999	603	1 004	292	420	184	228	8	724	72	1 247	217
25 to 34 percent .....	4 203	491	647	332	245	243	208	20	838	71	864	244
35 percent or more .....	948	79	103	72	44	42	81	-	299	8	145	75
Not computed .....	440	31	76	16	98	30	30	10	44	6	99	-
\$10,000 to \$14,999 .....	9 494	1 264	2 803	1 082	1 572	291	385	61	562	84	1 212	178
Less than 20 percent .....	8 314	1 205	2 443	949	1 379	207	337	55	456	62	1 109	112
20 to 24 percent .....	716	32	250	94	101	23	40	-	66	12	71	27
25 percent or more .....	209	11	53	19	20	11	8	6	15	5	22	39
Not computed .....	255	16	57	20	72	50	-	-	25	5	10	-
\$15,000 or more .....	4 164	264	1 169	492	1 073	179	159	6	241	104	332	145
Less than 20 percent .....	3 928	258	1 164	450	986	156	151	6	223	90	332	112
20 to 24 percent .....	22	-	-	-	6	-	-	-	-	-	-	11
25 percent or more .....	24	-	-	-	5	-	-	-	-	-	-	11
Not computed .....	190	6	5	42	76	18	4	-	18	10	-	11

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

<b>Rochester</b>	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>48 004</b>	<b>7 634</b>	<b>15 072</b>	<b>8 243</b>	<b>7 114</b>	<b>4 541</b>	<b>2 595</b>	<b>1 597</b>	<b>1 208</b>	<b>2.7</b>
<b>BEDROOMS</b>										
None and 1	3 282	1 556	1 430	184	40	35	20	17	—	1.6
2	10 577	2 437	5 060	1 840	813	294	44	38	51	2.1
3	22 150	3 138	5 971	4 239	4 381	2 731	1 099	474	117	3.0
4 or more	11 935	1 117	2 201	1 687	1 745	1 544	1 344	1 116	1 181	4.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	26	—	10	6	5	—	5	—	—	...
1965 to 1968	251	28	105	44	42	14	14	4	—	2.4
1960 to 1964	431	38	161	67	91	40	19	15	—	2.7
1950 to 1959	4 277	428	1 445	944	694	414	178	115	59	2.8
1940 to 1949	3 283	393	1 027	620	572	339	179	99	54	2.9
1939 or earlier	39 736	6 747	12 324	6 562	5 710	3 734	2 200	1 364	1 095	2.6
<b>UNITS IN STRUCTURE</b>										
1	37 677	5 024	11 389	6 677	5 855	3 877	2 309	1 420	1 126	2.9
2 or more	10 298	2 597	3 678	1 562	1 259	657	286	177	82	2.2
Mobile home or trailer	29	13	5	4	—	7	—	—	—	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	40 298	6 276	13 012	7 088	6 034	3 611	2 104	1 250	923	2.6
2 and 2 1/2	5 967	756	1 615	1 001	898	769	433	299	196	3.1
3 or more	1 091	160	358	132	112	142	82	53	52	2.7
None or also used by another household	648	257	181	133	48	8	8	7	6	1.9
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>40 370</b>	...	<b>15 072</b>	<b>8 243</b>	<b>7 114</b>	<b>4 541</b>	<b>2 595</b>	<b>1 597</b>	<b>1 208</b>	<b>3.1</b>
Male head, wife present, no nonrelatives	33 065	...	11 212	6 586	6 322	4 050	2 372	1 425	1 098	3.3
Under 25 years	650	...	195	245	123	49	26	7	5	3.0
25 to 34 years	4 999	...	461	863	1 669	1 034	557	277	138	4.2
35 to 44 years	5 463	...	321	586	1 308	1 279	829	608	532	4.9
45 to 64 years	15 130	...	5 180	3 722	2 848	1 533	919	519	409	3.1
65 years and over	6 823	...	5 055	1 170	374	126	41	14	14	2.2
Other male head	2 080	...	1 113	482	199	126	77	53	30	2.4
Under 65 years	1 327	...	607	338	149	92	67	44	30	2.7
65 years and over	753	...	506	144	50	34	10	9	—	2.2
Female head	5 225	...	2 747	1 175	593	365	146	119	80	2.5
Under 65 years	3 336	...	1 426	835	462	304	122	107	80	2.8
65 years and over	1 889	...	1 321	340	131	61	24	12	—	2.2
<b>One-person households</b>	<b>7 634</b>	...	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>36 758</b>	<b>4 877</b>	<b>11 056</b>	<b>6 539</b>	<b>5 774</b>	<b>3 788</b>	<b>2 216</b>	<b>1 405</b>	<b>1 103</b>	<b>2.9</b>
Less than 1.5	18 291	527	4 334	4 052	3 630	2 486	1 568	879	815	3.6
1.5 to 1.9	6 552	514	1 970	1 280	1 227	817	314	259	171	3.1
2.0 to 2.4	3 216	455	1 201	459	474	258	183	127	59	2.5
2.5 to 2.9	1 606	331	688	236	162	57	56	63	13	2.2
3.0 to 3.9	2 014	515	1 039	226	79	73	42	22	18	2.0
4.0 or more	4 886	2 428	1 766	272	192	97	53	55	23	1.5
Not computed	193	107	58	14	10	—	—	—	4	1.4
<b>Renter occupied housing units</b>	<b>53 234</b>	<b>19 053</b>	<b>14 494</b>	<b>7 797</b>	<b>5 205</b>	<b>2 944</b>	<b>1 875</b>	<b>1 053</b>	<b>813</b>	<b>2.0</b>
<b>BEDROOMS</b>										
None	4 342	4 010	242	39	—	27	—	24	—	1.0
1	19 238	10 632	6 979	1 066	300	150	47	45	19	1.4
2	18 507	3 042	6 247	4 968	2 658	987	428	134	43	2.5
3 or more	11 174	700	1 436	2 042	2 286	1 791	1 401	889	629	4.1
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	644	173	185	102	113	31	27	13	—	2.3
1965 to 1968	2 462	976	828	384	178	56	15	11	14	1.8
1960 to 1964	1 603	612	552	225	134	46	19	10	5	1.8
1950 to 1959	2 748	962	922	331	247	146	65	44	31	1.9
1940 to 1949	5 243	1 428	1 454	1 044	677	234	187	83	136	2.3
1939 or earlier	40 534	14 902	10 553	5 711	3 856	2 431	1 562	892	627	2.0
<b>UNITS IN STRUCTURE</b>										
1	6 520	1 192	1 404	934	894	782	557	363	394	3.2
2	16 428	3 223	4 694	3 357	2 510	1 273	802	374	195	2.6
3 and 4	11 505	3 931	3 514	1 834	998	522	328	234	144	2.0
5 to 9	6 750	3 583	1 791	701	371	169	88	25	22	1.4
10 to 19	5 132	2 804	1 365	513	275	111	28	20	17	1.4
20 or more	6 890	4 320	1 726	458	153	87	72	37	37	1.3
Mobile home or trailer	9	—	—	—	4	—	—	—	5	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	48 458	16 391	13 722	7 258	4 967	2 793	1 676	946	705	2.1
2 or more	1 344	355	304	217	116	80	84	82	106	2.6
None or also used by another household	3 432	2 496	369	197	176	76	52	31	35	1.2
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>34 181</b>	...	<b>14 494</b>	<b>7 797</b>	<b>5 205</b>	<b>2 944</b>	<b>1 875</b>	<b>1 053</b>	<b>813</b>	<b>2.8</b>
Male head, wife present, no nonrelatives	22 872	...	9 066	5 354	3 720	2 071	1 331	750	580	2.9
Under 25 years	4 601	...	2 019	1 593	677	180	89	22	21	2.7
25 to 34 years	7 820	...	2 122	2 039	1 722	921	540	286	190	3.4
35 to 44 years	3 113	...	624	426	379	228	419	276	261	4.4
45 to 64 years	4 835	...	2 236	1 027	657	402	239	166	108	2.7
65 years and over	2 503	...	2 065	269	85	40	44	—	—	2.1
Other male head	2 669	...	1 678	550	222	116	76	27	—	2.3
Under 65 years	2 346	...	1 458	494	196	101	76	21	—	2.3
65 years and over	323	...	220	66	26	15	—	6	—	2.2
Female head	8 640	...	3 750	1 893	1 263	757	468	276	233	2.8
Under 65 years	7 825	...	3 159	1 754	1 205	738	464	272	233	2.9
65 years and over	815	...	591	139	58	19	4	4	—	2.2
<b>One-person households</b>	<b>19 053</b>	...	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>52 998</b>	<b>18 944</b>	<b>14 494</b>	<b>7 764</b>	<b>5 171</b>	<b>2 901</b>	<b>1 859</b>	<b>1 047</b>	<b>798</b>	<b>2.0</b>
Less than 10 percent	3 980	1 043	1 350	657	392	285	130	84	39	2.2
10 to 14 percent	8 896	2 087	2 983	1 596	1 054	559	301	168	148	2.3
15 to 19 percent	8 496	2 400	2 465	1 525	1 050	539	381	167	169	2.3
20 to 24 percent	6 768	2 240	1 808	1 079	741	388	220	169	123	2.1
25 to 34 percent	7 681	2 936	2 040	958	680	396	350	174	147	1.9
35 percent or more	14 415	7 242	3 262	1 579	995	613	362	218	144	1.5
Not computed	2 562	1 016	586	370	259	121	115	67	28	2.0

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

<sup>2</sup>Excludes 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]

Rochester					Rochester				
	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
<b>Vacant for sale</b> .....	<b>294</b>	<b>98</b>	<b>74</b>	<b>122</b>	<b>Vacant for rent</b> .....	<b>2 494</b>	<b>1 381</b>	<b>764</b>	<b>349</b>
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms .....	28	12	4	12	1 room .....	277	152	81	44
4 rooms .....	46	7	19	20	2 rooms .....	308	179	91	38
5 rooms .....	51	26	9	16	3 rooms .....	749	474	180	95
6 rooms .....	71	25	15	31	4 rooms .....	546	287	191	55
7 rooms or more .....	98	28	27	43	5 rooms .....	359	189	115	68
<b>PLUMBING FACILITIES</b>					6 rooms .....	174	79	56	39
With all plumbing facilities .....	291	98	74	119	7 rooms or more .....	81	21	50	10
Lacking some or all plumbing facilities .....	3	-	-	3	<b>PLUMBING FACILITIES</b>				
<b>BEDROOMS</b>					With all plumbing facilities .....	2 193	1 219	678	296
None and 1 .....	48	12	-	36	Lacking some or all plumbing facilities .....	301	162	86	53
2 .....	60	20	16	24	<b>BEDROOMS</b>				
3 .....	55	30	13	12	None .....	389	210	112	67
4 or more .....	104	13	-	91	1 .....	1 130	618	390	122
<b>YEAR STRUCTURE BUILT</b>					2 .....	769	453	213	103
1969 to March 1970 .....	6	-	2	4	3 or more .....	251	105	121	25
1960 to 1968 .....	6	-	-	6	<b>YEAR STRUCTURE BUILT</b>				
1950 to 1959 .....	10	-	10	-	1969 to March 1970 .....	44	37	7	-
1949 or earlier .....	272	98	62	112	1960 to 1968 .....	114	66	35	13
<b>UNITS IN STRUCTURE</b>					1950 to 1959 .....	70	66	4	-
1 .....	165	59	46	60	1949 or earlier .....	2 266	1 212	718	336
2 or more .....	129	39	28	62	<b>UNITS IN STRUCTURE</b>				
<b>HEATING EQUIPMENT</b>					1 .....	214	94	92	28
Steam or hot water .....	60	19	12	29	2 to 4 .....	1 140	567	384	189
Warm-air furnace .....	210	68	49	93	5 to 9 .....	470	296	114	60
Built-in electric units .....	-	-	-	-	10 to 19 .....	396	260	92	44
Floor, wall, or pipeless furnace .....	-	-	-	-	20 or more .....	274	164	82	28
Other means .....	24	11	13	-	<b>RENT ASKED</b>				
None .....	-	-	-	-	<b>Specified vacant for sale<sup>1</sup></b> .....	<b>158</b>	<b>56</b>	<b>42</b>	<b>60</b>
<b>SALES PRICE ASKED</b>					Less than \$5,000 .....	-	-	-	-
Less than \$5,000 .....	-	-	-	-	\$5,000 to \$9,999 .....	25	4	4	17
\$5,000 to \$9,999 .....	25	4	4	17	\$10,000 to \$14,999 .....	58	30	5	23
\$10,000 to \$14,999 .....	58	30	5	23	\$15,000 to \$19,999 .....	38	11	21	6
\$15,000 to \$19,999 .....	38	11	21	6	\$20,000 to \$24,999 .....	11	4	-	7
\$20,000 to \$24,999 .....	11	4	-	7	\$25,000 to \$34,999 .....	12	4	4	4
\$25,000 to \$34,999 .....	12	4	4	4	\$35,000 to \$49,999 .....	10	3	4	3
\$35,000 to \$49,999 .....	10	3	4	3	\$50,000 or more .....	4	-	4	-
\$50,000 or more .....	4	-	4	-	Median price asked .....	\$14 700	...	...	...
Median price asked .....	\$14 700	...	...	...	<b>Specified vacant for rent<sup>2</sup></b> .....	<b>2 485</b>	<b>1 381</b>	<b>755</b>	<b>349</b>
					Less than \$50 .....	106	49	33	24
					\$50 to \$59 .....	141	76	50	15
					\$60 to \$79 .....	468	205	143	120
					\$80 to \$99 .....	599	316	199	84
					\$100 to \$119 .....	505	300	143	62
					\$120 to \$149 .....	411	273	111	27
					\$150 to \$199 .....	190	131	45	14
					\$200 or more .....	65	31	31	3
					Median rent asked .....	\$98	\$103	\$95	\$84

<sup>1</sup>Limited to one-family homes on less than 10 acres and no business on property. <sup>2</sup>Excludes 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]

Rochester	Sales price asked - Vacant for sale <sup>1</sup>							Rent asked - Vacant for rent <sup>2</sup>						
	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
<b>Total</b> .....	<b>158</b>	<b>25</b>	<b>58</b>	<b>38</b>	<b>11</b>	<b>12</b>	<b>14</b>	<b>2 485</b>	<b>247</b>	<b>468</b>	<b>599</b>	<b>916</b>	<b>190</b>	<b>65</b>
<b>PLUMBING FACILITIES</b>														
With all plumbing facilities .....	112	12	59	26	15	-	-	2 233	124	411	524	896	222	56
Lacking some or all plumbing facilities .....	-	-	-	-	-	-	-	306	68	112	81	30	-	15
<b>BEDROOMS</b>														
None and 1 .....	-	-	-	-	-	-	-	1 519	154	296	372	547	109	41
2 .....	12	12	-	-	-	-	-	769	24	166	194	294	61	30
3 .....	43	-	30	13	-	-	-	191	14	61	39	44	33	-
4 or more .....	57	-	29	13	15	-	-	60	-	-	-	41	19	-
<b>YEAR STRUCTURE BUILT</b>														
1969 to March 1970 .....	2	-	-	2	-	-	-	44	-	-	-	9	35	-
1960 to 1968 .....	3	-	-	-	-	-	-	114	9	15	7	38	31	14
1950 to 1959 .....	10	-	5	5	-	-	-	70	-	29	12	11	4	14
1949 or earlier .....	143	25	53	31	11	12	11	2 257	238	424	580	858	120	37
<b>UNITS IN STRUCTURE</b>														
1 .....	...	...	...	...	...	...	...	205	7	36	47	83	19	13
2 to 4 .....	...	...	...	...	...	...	...	1 140	83	217	283	443	98	16
5 to 19 .....	...	...	...	...	...	...	...	866	131	167	200	295	53	20
20 or more .....	...	...	...	...	...	...	...	274	26	48	69	95	20	16
<b>INCLUSION OF UTILITIES IN RENT</b>														
All utilities included .....	...	...	...	...	...	...	...	1 328	164	268	291	472	92	41
Some or no utilities included .....	...	...	...	...	...	...	...	1 157	83	200	308	444	98	24

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

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

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

<b>Rochester</b>	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)
<b>Specified owner occupied<sup>1</sup></b>	<b>2 487</b>	<b>59</b>	<b>192</b>	<b>478</b>	<b>555</b>	<b>493</b>	<b>566</b>	<b>95</b>	<b>32</b>	<b>11</b>	<b>6</b>	<b>12 300</b>
<b>ROOMS</b>												
1 and 2 rooms	6	—	—	—	—	—	6	—	—	—	—	...
3 rooms	14	3	5	—	—	—	6	—	—	—	—	...
4 rooms	70	5	9	21	—	15	15	5	—	—	—	...
5 rooms	293	19	24	80	94	29	42	5	—	—	—	10 600
6 rooms	648	18	56	112	103	156	167	29	7	—	—	13 100
7 rooms	662	10	62	106	190	129	126	23	10	—	—	12 000
8 rooms or more	794	4	36	159	168	164	204	33	15	6	—	13 000
Median	6.8	...	6.5	6.7	6.9	6.9	6.9	...	...	...	...	...
<b>PERSONS</b>												
1 person	144	14	31	35	15	30	19	—	—	—	—	9 400
2 persons	378	10	30	63	136	66	64	9	—	—	—	11 600
3 persons	385	8	22	63	95	56	125	5	11	—	—	12 700
4 persons	375	7	35	60	34	76	129	24	10	—	—	14 200
5 persons	388	4	10	65	66	109	84	37	13	—	—	13 600
6 persons or more	817	16	64	192	209	156	145	25	4	—	—	11 600
Median	4.4	...	3.9	4.8	4.4	4.7	4.1	...	...	...	...	...
Units with roomers, boarders, or lodgers	173	—	19	52	27	40	21	10	4	—	—	11 400
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
<b>With all plumbing facilities</b>	<b>2 476</b>	<b>59</b>	<b>187</b>	<b>478</b>	<b>549</b>	<b>493</b>	<b>566</b>	<b>95</b>	<b>32</b>	<b>11</b>	<b>6</b>	<b>12 300</b>
0.50 or less	943	24	85	151	246	167	240	14	5	11	—	12 100
0.51 to 1.00	1 235	23	67	242	224	282	292	72	27	—	—	13 000
1.01 to 1.50	243	12	14	79	79	33	17	9	—	—	—	10 500
1.51 or more	55	—	21	6	—	11	17	—	—	—	—	...
<b>Lacking some or all plumbing facilities</b>	<b>11</b>	<b>—</b>	<b>5</b>	<b>—</b>	<b>6</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>...</b>
0.50 or less	5	—	5	—	—	—	—	—	—	—	—	...
0.51 to 1.00	6	—	—	—	6	—	—	—	—	—	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	...
<b>BEDROOMS</b>												
None and 1	59	—	17	21	—	—	21	—	—	—	—	...
2	153	—	57	18	—	60	18	—	—	—	—	...
3	973	18	111	131	195	238	242	17	21	—	—	12 800
4 or more	1 250	25	62	235	333	280	273	42	—	—	—	12 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	—	—	—	—	—	—	—	—	—	—	—	...
1965 to 1968	11	—	—	—	5	6	—	—	—	—	—	...
1960 to 1964	27	—	—	8	8	—	11	—	—	—	—	...
1950 to 1959	189	—	11	20	19	29	67	39	4	—	—	16 100
1940 to 1949	252	—	16	44	52	67	51	10	7	5	—	13 000
1939 or earlier	2 008	59	165	406	471	391	437	46	21	6	—	12 000
<b>COMPLETE BATHROOMS</b>												
1 and 1 1/2	2 036	59	162	459	427	371	434	78	30	7	9	12 000
2 and 2 1/2	386	7	16	44	120	71	113	15	—	—	—	12 700
3 or more	37	—	—	—	—	13	6	6	5	7	—	...
None or also used by another household	13	—	5	—	8	—	—	—	—	—	—	...
<b>HOUSEHOLD COMPOSITION</b>												
<b>Two-or-more-person households</b>	<b>2 343</b>	<b>45</b>	<b>161</b>	<b>443</b>	<b>540</b>	<b>443</b>	<b>547</b>	<b>95</b>	<b>32</b>	<b>11</b>	<b>6</b>	<b>12 400</b>
Male head, wife present, no nonrelatives	1 826	36	123	303	406	389	443	77	32	11	6	12 800
Under 25 years	26	—	—	11	11	4	—	—	—	—	—	...
25 to 34 years	517	7	15	70	139	94	163	23	6	—	—	13 200
35 to 44 years	597	12	36	94	94	154	167	24	11	5	—	13 500
45 to 64 years	597	6	62	111	144	125	98	24	15	6	—	12 100
65 years and over	89	11	10	17	18	12	15	6	—	—	—	...
Other male head	113	5	4	27	27	21	24	5	—	—	—	11 900
Under 65 years	93	5	4	27	18	21	18	—	—	—	—	...
65 years and over	20	—	—	—	9	—	6	5	—	—	—	...
Female head	404	4	34	113	107	53	80	13	—	—	—	11 200
Under 65 years	378	4	19	113	100	49	80	13	—	—	—	11 300
65 years and over	26	—	15	—	7	4	—	—	—	—	—	...
<b>One-person households</b>	<b>144</b>	<b>14</b>	<b>31</b>	<b>35</b>	<b>15</b>	<b>30</b>	<b>19</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>9 400</b>
Under 65 years	101	14	26	17	11	19	14	—	—	—	—	9 000
65 years and over	43	—	5	18	4	11	5	—	—	—	—	...
<b>INCOME IN 1969</b>												
Less than \$2,000	85	—	14	27	21	18	5	—	—	—	—	...
\$2,000 to \$2,999	57	12	5	6	5	15	14	—	—	—	—	...
\$3,000 to \$3,999	87	9	—	38	14	15	11	—	—	—	—	...
\$4,000 to \$4,999	74	—	10	34	5	15	—	4	6	—	—	...
\$5,000 to \$5,999	166	8	16	62	40	20	20	—	—	—	—	9 900
\$6,000 to \$6,999	150	5	23	31	51	22	12	—	—	—	6	10 800
\$7,000 to \$9,999	498	13	26	128	123	115	68	21	4	—	—	11 700
\$10,000 to \$14,999	808	7	59	108	170	177	256	25	6	—	—	13 300
\$15,000 to \$24,999	509	—	35	44	120	88	160	40	16	6	—	14 100
\$25,000 or more	53	5	4	—	6	8	20	5	—	—	—	...
Median	\$10 800	...	\$10 200	\$8 000	\$10 500	\$10 700	\$13 000	...	...	...	...	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	425	4	8	69	82	79	146	23	14	—	—	14 100
1968	339	20	—	49	65	58	125	14	8	—	—	14 000
1967	313	—	9	65	103	65	53	13	5	—	—	12 000
1965 and 1966	398	8	32	100	73	86	77	15	—	7	—	12 000
1960 to 1964	440	8	47	90	98	85	83	14	8	7	—	11 900
1950 to 1959	419	19	49	98	122	58	50	14	—	—	9	10 900
1949 or earlier	138	7	38	32	12	24	19	6	—	—	—	9 400
<b>HEATING EQUIPMENT</b>												
Steam or hot water	236	—	16	37	38	59	58	15	13	—	—	13 600
Warm-air furnace	1 709	39	108	323	416	320	409	70	19	5	—	12 300
Built-in electric units	27	—	6	17	—	—	4	—	—	—	—	...
Floor, wall, or pipeless furnace	64	6	7	6	18	27	—	—	—	—	—	...
Other means	451	14	55	95	83	87	95	10	—	6	6	11 900
None	—	—	—	—	—	—	—	—	—	—	—	...
<b>AIR CONDITIONING</b>												
Room unit(s)	288	8	10	53	83	24	67	22	12	—	9	12 200
Central system	62	—	4	16	4	6	25	7	—	—	—	...
None	2 122	58	169	434	468	425	461	70	23	14	—	12 100

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

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

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

<b>Rochester</b>	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)
<b>Specified renter occupied<sup>1</sup></b>	9 478	155	168	465	488	1 759	2 103	2 580	1 416	241	13	90	116
<b>ROOMS</b>													
1 room	363	46	8	114	74	57	26	10	—	—	5	23	70
2 rooms	515	35	27	79	58	182	101	24	5	—	—	4	85
3 rooms	1 801	58	48	89	159	484	505	372	81	—	—	5	102
4 rooms	2 505	12	74	71	107	518	713	706	262	29	—	13	113
5 rooms	2 209	4	11	82	48	341	484	719	475	45	—	—	126
6 rooms	1 319	—	—	21	24	143	169	532	358	62	—	10	137
7 rooms	441	—	—	9	12	17	50	130	142	68	8	5	150
8 rooms or more	325	—	—	—	6	17	55	87	93	37	—	30	144
Median	4.3	2.4	3.5	2.9	3.2	3.8	4.1	4.7	5.3	6.3	...	...	...
<b>PERSONS</b>													
1 person	1 913	126	51	250	247	476	365	286	73	10	5	24	91
2 persons	2 041	25	47	72	119	504	524	478	233	29	—	10	109
3 persons	1 632	—	39	35	46	254	415	570	225	41	—	9	121
4 persons	1 326	—	5	43	33	219	323	432	208	53	—	8	122
5 persons	935	—	11	30	5	149	187	279	231	29	8	6	129
6 persons or more	1 631	4	15	35	38	157	289	535	446	79	—	33	135
Median	3.0	1.1	2.2	1.4	1.5	2.3	2.9	3.4	4.4	4.3	...	...	...
Units with roomers, boarders, or lodgers	416	6	17	19	15	38	82	157	64	9	4	5	125
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
<b>With all plumbing facilities</b>													
0.50 or less	9 098	110	157	363	400	1 687	2 079	2 560	1 407	241	4	90	117
0.51 to 1.00	3 020	85	50	164	236	657	677	758	314	53	—	26	109
1.01 to 1.50	4 422	21	87	161	118	754	1 029	1 310	747	143	4	48	120
1.51 or more	1 300	4	16	19	25	204	285	409	298	40	—	—	127
Lacking some or all plumbing facilities	356	—	4	19	21	72	88	83	48	5	—	16	112
0.50 or less	380	45	11	102	88	72	24	20	9	—	9	—	74
0.51 to 1.00	92	—	5	26	19	27	11	—	4	—	—	—	—
1.01 to 1.50	237	45	6	67	64	31	4	11	—	—	9	—	70
1.51 or more	22	—	—	—	—	8	5	9	—	—	—	—	—
Median	29	—	—	9	5	6	4	—	5	—	—	—	—
<b>BEDROOMS</b>													
None	378	—	—	161	130	63	—	—	—	—	—	24	—
1	2 582	78	18	58	256	670	813	486	163	23	—	17	105
2	3 799	—	130	49	220	646	958	1 155	555	86	—	—	118
3 or more	2 766	—	—	77	51	325	387	909	749	190	—	78	137
<b>YEAR STRUCTURE BUILT</b>													
1969 to March 1970	195	—	5	16	10	62	39	50	13	—	—	—	102
1965 to 1968	222	28	6	9	9	68	39	30	18	—	—	—	97
1960 to 1964	229	—	—	—	9	36	96	30	29	15	—	—	114
1950 to 1959	584	9	45	87	22	153	87	129	46	—	—	—	93
1940 to 1949	1 261	11	57	54	57	201	313	313	222	19	—	14	116
1939 or earlier	6 987	107	55	299	381	1 239	1 529	1 999	1 088	201	13	76	118
<b>ELEVATOR IN STRUCTURE</b>													
4 floors or more	950	34	130	117	88	261	127	168	25	—	—	—	85
With elevator	804	34	130	117	63	231	81	123	25	—	—	—	83
Walk-up	146	—	—	—	25	30	46	45	—	—	—	—	—
1 to 3 floors	8 575	44	18	228	569	1 443	2 031	2 382	1 442	299	—	119	119
<b>COMPLETE BATHROOMS</b>													
1 and 1 1/2	8 734	106	141	381	364	1 609	2 041	2 460	1 337	215	4	76	117
2 or more	1 175	7	12	12	—	12	18	25	76	13	—	—	151
None or also used by another household	626	57	24	115	91	148	59	97	23	—	12	—	83
<b>INCOME IN 1969</b>													
Less than \$2,000	1 655	49	44	99	153	370	398	356	146	20	4	16	105
\$2,000 to \$2,999	722	32	22	44	36	180	143	158	75	9	—	23	105
\$3,000 to \$3,999	814	11	5	55	31	173	206	221	97	15	—	—	113
\$4,000 to \$4,999	1 002	22	22	58	58	184	244	250	142	22	—	—	113
\$5,000 to \$5,999	946	7	17	43	48	226	215	247	125	13	5	—	112
\$6,000 to \$6,999	852	22	20	33	38	149	160	292	102	25	—	11	120
\$7,000 to \$9,999	1 744	7	21	58	53	275	412	517	314	69	—	18	122
\$10,000 to \$14,999	1 309	5	12	66	66	140	230	433	289	46	4	18	129
\$15,000 to \$24,999	385	—	5	5	5	52	95	87	117	15	—	4	130
\$25,000 or more	49	—	—	4	—	10	—	19	9	—	—	—	—
Median	\$5 600	\$2 900	\$4 600	\$4 600	\$4 400	\$4 900	\$5 300	\$6 200	\$7 200	\$7 700	...	...	...
<b>YEAR MOVED INTO UNIT</b>													
1969 to March 1970	3 656	29	33	194	170	635	777	987	668	128	5	30	119
1968	1 397	6	24	59	56	253	325	406	223	45	—	—	118
1967	1 164	30	16	51	27	241	241	402	122	17	—	17	117
1965 and 1966	1 576	53	31	83	88	300	374	441	179	21	—	6	112
1960 to 1964	1 076	38	45	54	74	218	247	221	155	17	—	7	108
1950 to 1959	550	14	28	47	40	89	136	101	78	—	—	10	108
1949 or earlier	116	—	—	20	—	33	18	24	11	—	4	6	—
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>													
Less than 10 percent	580	41	44	95	77	123	128	56	9	7	—	—	87
10 to 14 percent	1 359	34	42	97	75	309	274	363	165	—	—	—	109
15 to 19 percent	1 489	12	16	75	75	303	370	407	212	19	—	—	114
20 to 24 percent	1 123	7	12	51	46	215	232	322	217	21	—	—	120
25 to 34 percent	1 575	36	16	25	47	230	365	540	235	77	4	—	124
35 percent or more	2 912	25	34	112	145	514	628	800	533	112	9	—	120
Not computed	440	—	4	10	23	65	106	92	45	5	—	90	114
<b>AIR CONDITIONING</b>													
Room unit(s)	335	22	—	14	—	85	74	67	51	16	—	6	112
Central system	82	—	—	6	—	32	16	12	6	10	—	—	—
None	9 118	148	177	488	455	1 652	2 028	2 503	1 379	202	16	70	116

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

Rochester	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)
<b>Owner occupied housing units</b> .....	<b>3 588</b>	<b>235</b>	<b>129</b>	<b>132</b>	<b>162</b>	<b>231</b>	<b>290</b>	<b>704</b>	<b>1 021</b>	<b>611</b>	<b>73</b>	<b>9 400</b>
<b>ROOMS</b>												
1 and 2 rooms .....	29	7	—	7	—	3	—	6	—	6	—	...
3 rooms .....	35	—	—	4	—	6	16	3	—	—	—	...
4 rooms .....	243	55	20	17	15	9	28	37	42	15	5	6 200
5 rooms .....	649	69	38	23	38	50	75	141	157	53	5	7 700
6 rooms .....	956	68	37	24	55	55	60	145	322	164	26	10 500
7 rooms or more .....	1 676	36	34	57	54	108	111	372	494	373	37	10 700
<b>PERSONS</b>												
1 person .....	309	100	27	13	12	35	62	40	20	—	—	5 100
2 persons .....	595	60	48	68	39	36	61	111	128	44	—	6 800
3 and 4 persons .....	1 091	43	20	9	50	66	57	195	389	228	34	11 400
5 persons .....	516	7	16	22	16	28	38	96	130	155	8	11 300
6 persons or more .....	1 077	25	18	20	45	66	72	262	354	184	31	10 400
Units with roomers, boarders, or lodgers .....	263	34	17	15	33	31	17	45	44	27	—	6 100
<b>BEDROOMS</b>												
Less than 3 .....	630	53	28	15	49	55	150	97	109	74	—	6 800
3 .....	1 362	42	100	63	41	107	118	171	495	225	—	10 400
4 or more .....	1 452	79	59	62	18	37	45	401	441	256	54	10 300
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	—	—	—	—	—	—	—	—	—	—	—	—
1960 to 1968 .....	38	—	—	—	—	—	8	14	16	—	—	...
1950 to 1959 .....	208	8	11	6	—	—	11	46	70	46	10	11 600
1949 or earlier .....	3 342	227	118	126	162	231	271	644	935	565	63	9 500
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	543	13	7	16	20	32	64	92	211	88	—	10 700
1968 .....	447	27	6	14	24	40	26	85	138	70	17	10 100
1960 to 1967 .....	1 636	105	33	45	81	74	135	322	469	331	41	10 200
1959 or earlier .....	960	124	51	52	62	70	66	202	178	137	18	7 800
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	2 148	46	85	23	72	128	182	388	717	453	54	11 000
Clothes dryer .....	1 202	22	17	—	—	51	91	193	435	339	54	12 600
Dishwasher .....	312	—	11	—	—	—	—	22	137	124	18	...
Home food freezer .....	927	115	109	—	—	38	—	178	250	219	18	10 500
Owned second home .....	103	23	—	—	—	18	29	—	—	15	18	...
With air conditioning .....	463	31	—	16	13	11	55	92	144	89	12	10 500
Room unit(s) .....	374	23	—	16	8	11	48	79	108	75	6	10 100
Central system .....	89	8	—	—	5	—	—	13	36	14	6	...
Automobiles available:												
1 .....	1 972	101	54	68	73	127	178	496	595	274	6	9 300
2 .....	783	5	11	16	19	22	34	99	234	298	45	14 000
3 or more .....	121	5	—	—	—	—	—	—	58	39	19	...
<b>Renter occupied housing units</b> .....	<b>9 584</b>	<b>1 687</b>	<b>722</b>	<b>814</b>	<b>1 020</b>	<b>954</b>	<b>868</b>	<b>1 752</b>	<b>1 324</b>	<b>394</b>	<b>49</b>	<b>5 600</b>
<b>ROOMS</b>												
1 room .....	363	111	46	47	29	29	38	31	32	—	—	3 500
2 rooms .....	515	185	79	26	67	37	18	71	22	4	6	2 900
3 rooms .....	1 807	415	98	191	192	171	163	357	161	59	—	5 000
4 rooms .....	2 544	404	227	184	274	309	249	489	339	64	5	5 600
5 rooms .....	2 220	244	163	193	281	205	222	427	342	130	13	6 100
6 rooms or more .....	2 135	328	109	173	177	203	178	377	428	137	25	6 400
<b>PERSONS</b>												
1 person .....	1 945	707	190	142	207	204	179	216	84	10	6	3 500
2 persons .....	2 041	298	169	208	225	202	181	419	260	74	5	5 600
3 and 4 persons .....	3 002	397	219	247	294	314	292	600	455	167	17	6 100
5 persons .....	955	89	74	100	95	50	108	168	189	74	8	6 600
6 persons or more .....	1 641	196	70	117	199	184	108	349	336	69	13	6 500
Units with roomers, boarders, or lodgers .....	420	81	38	53	26	47	35	84	56	—	—	5 300
<b>BEDROOMS</b>												
None .....	378	132	27	62	18	42	48	25	24	—	—	...
1 .....	2 582	440	154	301	211	305	415	499	135	122	—	5 800
2 .....	3 827	555	320	349	388	390	441	701	581	84	18	5 800
3 or more .....	2 843	411	116	274	386	217	144	472	638	126	59	6 100
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970 .....	209	34	12	5	10	58	43	31	9	7	—	5 800
1960 to 1968 .....	461	103	23	39	48	33	19	100	49	38	9	5 500
1950 to 1959 .....	588	96	25	54	77	63	35	110	114	9	5	5 700
1949 or earlier .....	8 326	1 454	662	716	885	800	771	1 511	1 152	340	35	5 600
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970 .....	3 685	694	389	314	379	475	280	550	474	121	9	5 100
1968 .....	1 423	180	89	116	165	142	135	305	217	69	5	6 100
1960 to 1967 .....	3 827	670	244	318	398	276	361	797	554	196	13	6 000
1959 or earlier .....	703	196	26	25	58	58	63	141	94	31	11	5 800
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>												
Specified renter occupied <sup>1</sup> .....	9 478	1 655	722	814	1 002	946	852	1 744	1 309	385	49	5 600
Less than 15 percent .....	1 939	—	6	6	33	50	121	428	885	361	49	11 800
15 to 19 percent .....	1 489	—	7	10	86	174	190	697	305	20	—	8 200
20 to 24 percent .....	1 123	—	19	56	139	224	213	396	76	—	—	6 600
25 to 34 percent .....	1 575	30	74	182	425	364	283	192	25	—	—	5 200
35 percent or more .....	2 912	1 259	593	560	319	134	34	13	—	—	—	2 300
Not computed .....	440	366	23	—	—	—	—	11	18	4	—	2000—
<b>SELECTED CHARACTERISTICS</b>												
Automatic clothes washing machine .....	1 653	335	155	146	85	97	115	264	369	65	22	6 100
Clothes dryer .....	525	124	95	21	—	—	19	128	114	24	—	7 100
Dishwasher .....	95	23	—	—	—	—	18	54	—	—	—	...
Home food freezer .....	1 145	233	79	147	100	62	63	114	255	37	55	5 200
Owned second home .....	206	18	—	93	—	—	—	—	38	57	—	...
With air conditioning .....	458	117	15	32	57	44	12	38	102	36	5	5 200
Room unit(s) .....	370	105	15	19	37	24	12	33	84	36	5	5 400
Central system .....	88	12	—	13	20	20	—	5	18	—	—	...
Automobiles available:												
1 .....	3 562	318	195	132	304	264	415	919	812	184	19	7 500
2 .....	670	46	—	37	39	32	62	126	191	128	9	9 800
3 or more .....	104	18	—	—	7	—	6	34	11	23	5	...

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

Rochester	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
<b>Owner occupied housing units</b> .....	<b>3 588</b>	<b>3 567</b>	<b>1 407</b>	<b>1 712</b>	<b>358</b>	<b>90</b>	<b>21</b>	<b>15</b>	<b>6</b>		
<b>PERSONS</b>											
1 person.....	309	304	304	—	—	—	5	5	—	—	—
2 persons.....	595	585	574	11	—	—	10	10	—	—	—
3 persons.....	550	550	405	145	—	—	—	—	—	—	—
4 persons.....	541	535	78	451	—	6	6	—	6	—	—
5 persons.....	516	516	46	446	19	5	—	—	—	—	—
6 persons or more.....	1 077	1 077	—	659	339	79	—	—	—	—	—
Median.....	4.1	4.1	2.2	5.1	7.5+	...	...	...	...	...	...
Units with roomers, boarders, or lodgers.....	263	258	94	125	29	10	5	5	—	—	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970.....	—	—	—	—	—	—	—	—	—	—	—
1965 to 1968.....	6	6	—	6	—	—	—	—	—	—	—
1960 to 1964.....	29	29	29	—	—	—	—	—	—	—	—
1950 to 1959.....	191	191	56	111	14	10	—	—	—	—	—
1940 to 1949.....	398	398	102	247	36	13	—	—	—	—	—
1939 or earlier.....	2 962	2 934	1 260	1 275	344	55	28	20	8	—	—
<b>INCOME IN 1969</b>											
Less than \$2,000.....	235	230	152	66	12	—	5	5	—	—	—
\$2,000 to \$2,999.....	129	129	99	19	11	—	—	—	—	—	—
\$3,000 to \$3,999.....	132	132	87	31	14	—	—	—	—	—	—
\$4,000 to \$4,999.....	162	157	63	65	29	—	—	—	—	—	—
\$5,000 to \$5,999.....	231	231	111	92	28	—	—	—	—	—	—
\$6,000 to \$6,999.....	290	285	128	113	24	—	—	—	—	—	—
\$7,000 to \$9,999.....	704	704	245	359	76	5	5	—	—	—	—
\$10,000 to \$14,999.....	1 021	1 015	313	571	102	29	6	—	6	—	—
\$15,000 to \$24,999.....	611	611	188	359	36	28	—	—	—	—	—
\$25,000 or more.....	73	73	21	37	11	4	—	—	—	—	—
Median.....	\$9 600	\$9 600	\$7 800	\$11 000	\$8 800	...	...	...	...	...	...
<b>VALUE-INCOME RATIO</b>											
Specified owner occupied <sup>1</sup> .....	2 487	2 476	943	1 235	243	55	11	5	6	—	—
Less than 1.5.....	1 605	1 599	547	843	166	43	6	5	6	—	—
1.5 to 1.9.....	398	393	162	185	40	6	5	—	—	—	—
2.0 to 2.4.....	211	211	82	103	20	6	—	—	—	—	—
2.5 to 2.9.....	62	62	39	19	4	—	—	—	—	—	—
3.0 to 3.9.....	59	59	23	36	—	—	—	—	—	—	—
4.0 or more.....	139	139	86	44	9	—	—	—	—	—	—
Not computed.....	13	13	4	5	4	—	—	—	—	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	402	402	138	198	49	17	—	—	—	—	—
Warm-air furnace.....	2 351	2 351	949	1 148	168	65	21	15	6	—	—
Built-in electric units.....	50	50	10	35	5	—	—	—	—	—	—
Floor, wall, or pipeless furnace.....	84	84	34	44	6	—	—	—	—	—	—
Other means.....	701	701	276	287	130	8	—	—	—	—	—
None.....	—	—	—	—	—	—	—	—	—	—	—
<b>Renter occupied housing units</b> .....	<b>9 584</b>	<b>9 204</b>	<b>3 056</b>	<b>4 484</b>	<b>1 304</b>	<b>360</b>	<b>380</b>	<b>92</b>	<b>237</b>	<b>22</b>	<b>29</b>
<b>PERSONS</b>											
1 person.....	1 945	1 678	1 547	131	—	—	267	88	179	—	—
2 persons.....	2 041	2 000	1 257	728	—	15	41	—	30	—	11
3 persons.....	1 656	1 624	248	1 352	20	4	32	4	20	8	—
4 persons.....	1 346	1 332	—	1 145	153	30	14	—	4	5	5
5 persons.....	955	951	—	652	251	48	4	—	4	—	—
6 persons or more.....	1 641	1 619	—	476	880	263	22	—	—	9	13
Median.....	3.0	3.1	1.5	3.5	6.1	7.2	1.2	...	1.2	...	...
Units with roomers, boarders, or lodgers.....	420	408	109	262	28	9	12	—	12	—	—
<b>YEAR STRUCTURE BUILT</b>											
1969 to March 1970.....	196	196	33	148	15	—	—	—	—	—	—
1965 to 1968.....	218	203	64	128	11	—	15	—	15	—	—
1960 to 1964.....	242	236	69	154	13	—	6	—	6	—	—
1950 to 1959.....	608	557	148	309	78	22	51	5	43	8	—
1940 to 1949.....	1 361	1 356	463	614	223	56	288	85	157	11	35
1939 or earlier.....	7 013	6 725	2 323	3 208	907	287	—	—	—	—	—
<b>INCOME IN 1969</b>											
Less than \$2,000.....	1 687	1 588	782	607	150	49	99	15	63	—	21
\$2,000 to \$2,999.....	722	668	263	324	56	25	54	18	36	—	—
\$3,000 to \$3,999.....	814	770	206	427	99	38	44	12	32	—	—
\$4,000 to \$4,999.....	1 020	981	322	465	148	46	39	—	31	8	—
\$5,000 to \$5,999.....	954	914	334	433	123	24	40	13	18	5	4
\$6,000 to \$6,999.....	868	834	265	434	114	21	34	13	21	—	—
\$7,000 to \$9,999.....	1 752	1 723	522	774	362	65	29	6	18	5	—
\$10,000 to \$14,999.....	1 324	1 291	277	738	202	74	33	15	14	—	4
\$15,000 to \$24,999.....	394	386	69	257	42	18	8	—	4	—	—
\$25,000 or more.....	49	49	16	25	8	—	—	—	—	—	—
Median.....	\$5 600	\$5 700	\$4 900	\$6 000	\$6 700	\$5 900	\$3 800	...	\$3 600	...	...
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>											
Specified renter occupied <sup>2</sup> .....	9 478	9 098	3 020	4 482	1 300	356	380	92	237	22	29
Less than 10 percent.....	1 580	1 546	181	279	56	30	34	5	25	4	—
10 to 14 percent.....	1 359	1 301	301	733	214	53	58	25	25	—	8
15 to 19 percent.....	1 489	1 423	442	694	215	72	66	12	54	—	—
20 to 24 percent.....	1 123	1 089	378	516	178	17	34	—	24	10	—
25 to 34 percent.....	1 575	1 526	431	754	278	64	49	17	24	8	—
35 percent or more.....	2 912	2 791	1 096	1 278	322	95	121	33	67	—	21
Not computed.....	440	422	191	168	38	25	18	—	18	—	—
<b>HEATING EQUIPMENT</b>											
Steam or hot water.....	2 032	1 843	672	832	234	105	189	45	129	5	10
Warm-air furnace.....	5 142	5 003	1 704	2 444	697	158	139	29	88	8	14
Built-in electric units.....	407	398	112	243	38	5	9	5	4	—	—
Floor, wall, or pipeless furnace.....	242	242	80	111	46	5	—	—	—	—	—
Other means.....	1 748	1 705	481	848	289	87	43	13	16	9	5
None.....	13	13	7	6	—	—	—	—	—	—	—

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

<sup>2</sup>Excludes one-family homes on 10 acres or more.

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

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

Rochester	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
<b>Owner occupied housing units</b>	<b>3 588</b>	<b>6</b>	<b>23</b>	<b>35</b>	<b>243</b>	<b>649</b>	<b>956</b>	<b>756</b>	<b>920</b>	<b>6.4</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	3 540	6	21	36	254	649	963	733	878	6.3
<b>PERSONS</b>										
1 person	309	—	10	17	75	65	94	32	16	5.3
2 persons	595	—	7	4	51	175	189	106	63	5.8
3 persons	550	—	—	3	35	107	179	122	104	6.2
4 persons	541	—	6	—	40	135	170	112	78	6.0
5 persons	516	—	—	5	19	64	155	119	154	6.6
6 persons or more	1 077	6	—	6	23	103	169	265	505	7.4
Median	4.1	...	...	...	2.4	3.3	3.6	4.6	5.8	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>3 567</b>	<b>6</b>	<b>23</b>	<b>35</b>	<b>243</b>	<b>644</b>	<b>946</b>	<b>750</b>	<b>920</b>	<b>6.4</b>
0.50 or less	1 407	—	10	17	126	235	452	260	307	6.2
0.51 to 1.00	1 712	—	7	7	75	306	427	401	489	6.6
1.01 to 1.50	358	—	—	—	29	91	63	78	97	6.4
1.51 or more	90	6	6	11	13	12	4	11	27	...
<b>Lacking some or all plumbing facilities</b>	<b>21</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>5</b>	<b>10</b>	<b>6</b>	<b>—</b>	<b>...</b>
0.50 or less	15	—	—	—	—	5	10	—	—	...
0.51 to 1.00	6	—	—	—	—	—	—	6	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
<b>BEDROOMS</b>										
None and 1	157	—	—	18	53	36	50	—	—	...
2	473	—	—	—	136	189	108	40	—	5.0
3	362	—	—	—	—	326	584	364	88	6.1
4 or more	1 452	—	—	—	—	74	140	310	928	7.5+
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	—	—	—	—	—	—	—	—	—	...
1960 to 1968	38	—	—	—	—	8	16	—	14	...
1950 to 1959	208	—	—	6	14	25	62	50	51	6.5
1949 or earlier	3 342	6	23	29	229	616	878	706	855	6.4
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	2 997	—	21	41	240	560	868	607	660	6.2
2 or more	555	6	7	—	14	89	95	126	218	7.0
None or also used by another household	34	—	—	—	6	7	13	8	—	...
<b>VALUE-INCOME RATIO</b>										
<b>Specified owner occupied<sup>1</sup></b>	<b>2 487</b>	<b>6</b>	<b>—</b>	<b>14</b>	<b>70</b>	<b>293</b>	<b>648</b>	<b>662</b>	<b>794</b>	<b>6.8</b>
Less than 1.5	1 605	—	—	14	31	159	433	465	503	6.9
1.5 to 1.9	398	—	—	—	5	71	95	96	131	6.8
2.0 to 2.9	273	6	—	—	20	32	59	74	82	6.8
3.0 or more	198	—	—	—	14	26	61	23	74	6.5
Not computed	13	—	—	—	—	5	—	4	4	...
<b>Renter occupied housing units</b>	<b>9 584</b>	<b>363</b>	<b>515</b>	<b>1 807</b>	<b>2 544</b>	<b>2 220</b>	<b>1 338</b>	<b>464</b>	<b>333</b>	<b>4.3</b>
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	8 836	111	418	1 618	2 398	2 137	1 334	469	351	4.4
<b>PERSONS</b>										
1 person	1 945	310	329	664	364	191	65	18	4	3.0
2 persons	2 041	26	120	638	696	375	108	45	33	3.8
3 persons	1 656	4	28	284	601	487	171	38	43	4.4
4 persons	1 346	5	30	158	401	355	304	89	4	4.7
5 persons	955	11	4	33	251	339	218	69	30	5.0
6 persons or more	1 641	7	4	30	231	473	472	205	219	5.7
Median	3.0	1.1	1.3	1.9	2.9	3.7	4.6	5.1	6.6	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>										
<b>With all plumbing facilities</b>	<b>9 204</b>	<b>168</b>	<b>439</b>	<b>1 745</b>	<b>2 530</b>	<b>2 199</b>	<b>1 330</b>	<b>460</b>	<b>333</b>	<b>4.4</b>
0.50 or less	3 056	—	282	628	1 060	561	340	101	84	4.1
0.51 to 1.00	4 484	131	103	901	1 002	1 165	718	282	182	4.6
1.01 to 1.50	1 304	—	20	153	365	400	242	57	67	4.8
1.51 or more	360	37	34	63	103	73	30	20	—	3.9
<b>Lacking some or all plumbing facilities</b>	<b>380</b>	<b>195</b>	<b>76</b>	<b>62</b>	<b>14</b>	<b>21</b>	<b>8</b>	<b>4</b>	<b>—</b>	<b>1.5</b>
0.50 or less	92	—	47	36	—	5	4	—	—	...
0.51 to 1.00	237	179	17	21	—	16	—	4	—	1.2
1.01 to 1.50	22	—	8	5	5	—	4	—	—	...
1.51 or more	29	16	4	—	9	—	—	—	—	...
<b>BEDROOMS</b>										
None	378	351	27	—	—	—	—	—	—	...
1	2 582	—	414	1 642	453	73	—	—	—	3.0
2	3 827	—	—	325	2 148	1 199	155	—	—	4.2
3 or more	2 843	—	—	—	81	986	1 113	366	297	5.8
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	209	5	—	37	60	37	62	4	4	4.6
1960 to 1968	461	21	28	56	154	140	37	25	—	4.3
1950 to 1959	588	52	14	79	215	143	81	—	4	4.2
1949 or earlier	8 326	285	473	1 635	2 115	1 900	1 158	435	325	4.3
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	8 831	142	418	1 642	2 432	2 151	1 296	445	305	4.4
2 or more	181	6	—	32	16	19	38	24	46	6.0
None or also used by another household	626	213	135	71	78	78	24	27	—	2.2
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
<b>Specified renter occupied<sup>2</sup></b>	<b>9 478</b>	<b>363</b>	<b>515</b>	<b>1 801</b>	<b>2 505</b>	<b>2 209</b>	<b>1 319</b>	<b>441</b>	<b>325</b>	<b>4.3</b>
Less than 10 percent	580	36	27	125	173	115	70	26	8	4.1
10 to 14 percent	1 359	39	80	290	328	360	169	66	27	4.3
15 to 19 percent	1 489	68	30	256	431	356	251	54	43	4.4
20 to 24 percent	1 123	53	59	236	285	285	121	44	40	4.2
25 to 34 percent	1 575	34	89	258	430	403	235	82	44	4.4
35 percent or more	2 912	88	189	553	759	625	435	149	114	4.3
Not computed	440	45	41	83	99	65	38	20	49	4.0

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

<sup>2</sup>Excludes one-family homes on 10 acres or more.

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

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

Rochester	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	3 588	2 611	973	4	9 584	1 432	3 008	2 663	977	575	920	9
<b>ROOMS</b>												
1 room	6	6	-	-	363	22	10	38	63	84	14	-
2 rooms	23	-	23	-	515	6	25	130	168	80	106	-
3 rooms	35	14	21	-	1 807	54	330	673	342	194	214	-
4 rooms	243	82	161	-	2 544	150	886	882	213	107	306	-
5 rooms	649	293	356	-	2 220	282	956	641	121	106	114	-
6 rooms	956	683	269	4	1 338	396	621	222	57	4	34	4
7 rooms	756	682	74	-	464	254	131	66	13	-	-	-
8 rooms or more	920	851	69	-	333	268	49	11	-	-	-	5
Median	6.4	6.8	5.3	...	4.3	6.0	4.8	4.1	3.3	3.1	3.5	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	3 567	2 600	963	4	9 204	1 424	2 984	2 577	907	492	811	9
0.50 or less	1 407	984	417	4	3 056	351	1 006	916	340	162	281	-
0.51 to 1.00	1 712	1 299	413	-	4 484	782	1 524	1 131	429	265	349	4
1.01 to 1.50	358	260	98	-	1 304	239	393	429	92	34	112	5
1.51 or more	90	55	35	-	360	52	61	101	46	31	69	-
Lacking some or all plumbing facilities	21	11	10	-	380	8	24	86	70	83	109	-
0.50 or less	15	5	10	-	92	4	-	30	38	15	5	-
0.51 to 1.00	6	6	-	-	237	-	19	41	32	41	104	-
1.01 to 1.50	-	-	-	-	22	4	-	5	-	13	-	-
1.51 or more	-	-	-	-	29	-	5	10	-	14	-	-
<b>BEDROOMS</b>												
None	-	-	-	-	378	60	-	54	25	114	125	-
1	157	59	98	-	2 582	21	433	981	530	327	290	-
2	473	153	320	-	3 827	254	1 482	1 108	346	106	531	-
3	1 362	1 058	304	-	2 100	677	837	374	117	53	42	-
4 or more	1 452	1 268	184	-	743	533	128	37	24	21	-	-
<b>YEAR STRUCTURE BUILT</b>												
1969 to March 1970	-	-	-	-	209	63	15	55	29	27	16	4
1965 to 1968	11	11	-	-	232	48	22	26	26	27	83	-
1960 to 1964	27	27	-	-	229	12	12	128	-	41	36	-
1950 to 1959	208	189	19	-	588	54	86	73	40	37	298	-
1940 to 1949	420	293	123	4	1 297	214	481	293	87	54	168	-
1939 or earlier	2 922	2 091	831	-	7 029	1 041	2 392	2 088	795	389	319	5
<b>INCOME IN 1969</b>												
Less than \$2,000	235	97	138	-	1 687	262	411	432	233	97	252	-
\$2,000 to \$2,999	129	64	65	-	722	67	223	194	104	60	74	-
\$3,000 to \$3,999	132	87	45	-	814	116	230	215	82	51	120	-
\$4,000 to \$4,999	162	84	78	-	1 020	141	337	273	85	67	117	-
\$5,000 to \$5,999	231	179	52	-	954	156	219	288	124	66	97	4
\$6,000 to \$6,999	290	168	122	-	868	121	334	256	91	37	29	-
\$7,000 to \$9,999	704	507	197	-	1 752	226	558	571	174	72	151	-
\$10,000 to \$14,999	1 021	836	181	4	1 324	288	487	330	75	76	68	-
\$15,000 to \$24,999	611	524	87	-	394	51	179	94	9	44	12	5
\$25,000 or more	73	65	8	-	49	4	30	10	-	5	-	-
Median	\$9 600	\$10 700	\$6 900	...	\$5 600	\$5 800	\$6 300	\$5 800	\$4 800	\$5 200	\$4 100	...
<b>YEAR MOVED INTO UNIT</b>												
1969 to March 1970	543	432	111	-	3 685	545	1 065	954	453	293	368	7
1968	447	360	87	-	1 423	207	474	376	106	85	175	-
1967	401	332	63	6	1 164	175	396	371	93	12	111	6
1965 and 1966	591	418	173	-	1 576	211	543	459	147	85	131	-
1960 to 1964	644	451	193	-	1 087	174	374	330	116	35	58	-
1950 to 1959	653	435	218	-	477	52	151	151	32	-	91	-
1949 or earlier	307	168	139	-	226	53	48	67	7	51	-	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>1</sup>	...	...	...	...	9 478	1 326	3 008	2 663	977	575	920	9
Less than \$50	...	...	...	...	155	7	9	20	38	43	38	-
\$50 to \$59	...	...	...	...	168	6	11	39	17	5	90	-
\$60 to \$69	...	...	...	...	465	31	45	132	72	67	118	-
\$70 to \$79	...	...	...	...	488	40	79	161	68	43	97	-
\$80 to \$99	...	...	...	...	1 759	105	435	521	295	115	288	-
\$100 to \$119	...	...	...	...	2 103	184	668	760	222	144	125	-
\$120 to \$149	...	...	...	...	2 580	413	1 050	699	194	104	116	4
\$150 to \$199	...	...	...	...	1 416	396	598	293	60	30	34	5
\$200 to \$299	...	...	...	...	241	93	95	33	11	9	-	-
\$300 or more	...	...	...	...	13	4	4	-	-	-	5	-
No cash rent	...	...	...	...	90	47	14	5	-	15	9	-
Median	...	...	...	...	\$116	\$139	\$127	\$112	\$100	\$101	\$87	...
<b>HEATING EQUIPMENT</b>												
Steam or hot water	402	263	139	-	2 032	158	356	457	310	261	490	-
Warm-air furnace	2 351	1 777	570	4	5 142	841	1 839	1 458	499	200	305	-
Built-in electric units	50	40	10	-	407	72	88	168	20	37	22	4
Floor, wall, or pipeless furnace	84	64	20	-	242	48	63	81	11	20	15	-
Other means	701	467	234	-	1 748	313	655	493	137	57	88	5
None	-	-	-	-	13	-	7	6	-	-	-	-
<b>AIR CONDITIONING</b>												
Room unit(s)	374	320	54	-	370	87	68	122	29	44	20	-
Central system	89	76	13	-	88	43	34	-	6	5	-	-
None	3 123	2 200	917	6	9 180	1 287	2 949	2 586	919	512	914	13
<b>AUTOMOBILES AVAILABLE</b>												
1	1 972	1 455	511	6	3 562	511	1 318	1 031	302	198	202	-
2	783	630	153	-	670	138	302	149	36	10	35	-
3 or more	121	83	38	-	104	28	20	27	16	7	6	-
None	710	428	282	-	5 302	740	1 411	1 501	600	346	691	13

<sup>1</sup>Excludes one-family homes on 10 acres or more.

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

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

Rochester	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years and over	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		
<b>Owner occupied housing units</b>	3 588	41	662	759	864	180	143	20	556	54	222	87
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	3 567	41	656	759	864	180	143	20	551	49	217	87
0.50 or less	1 407	13	163	147	383	118	74	9	185	11	217	87
0.51 to 1.00	1 712	28	403	469	364	51	60	11	288	38	-	-
1.01 to 1.50	358	-	71	101	98	11	9	-	68	-	-	-
1.51 or more	90	-	19	42	19	-	-	-	10	-	-	-
Lacking some or all plumbing facilities	21	-	6	-	-	-	-	-	5	5	5	-
0.50 or less	15	-	-	-	-	-	-	-	5	5	5	-
0.51 to 1.00	6	-	6	-	-	-	-	-	5	5	5	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	2 611	32	540	611	631	97	93	20	399	26	107	55
2 or more	973	9	118	148	233	83	50	-	157	28	115	32
Mobile home or trailer	4	-	4	-	-	-	-	-	-	-	-	-
<b>INCOME IN 1969</b>												
Less than \$2,000	235	-	12	-	17	23	4	5	64	10	43	57
\$2,000 to \$2,999	129	4	-	-	25	26	13	-	28	6	10	17
\$3,000 to \$3,999	132	8	6	10	24	18	7	4	38	4	7	6
\$4,000 to \$4,999	162	-	12	8	22	15	10	-	7	5	12	-
\$5,000 to \$5,999	231	-	7	31	62	18	3	-	63	12	28	7
\$6,000 to \$6,999	290	12	21	51	31	13	20	-	80	-	62	-
\$7,000 to \$9,999	704	3	152	159	216	32	36	-	59	7	40	-
\$10,000 to \$14,999	1 021	5	294	299	256	26	35	-	76	10	20	-
\$15,000 to \$24,999	611	9	147	182	181	5	15	-	66	-	-	-
\$25,000 or more	73	-	11	19	30	4	-	-	4	-	-	-
Median	\$9 600	...	\$12 100	\$12 000	\$10 700	\$5 400	\$8 200	...	\$6 100	...	\$6 200	...
<b>VALUE-INCOME RATIO</b>												
Specified owner occupied <sup>1</sup>	2 487	26	517	597	597	89	93	20	378	26	101	43
Less than 1.5	1 605	8	404	456	411	37	65	11	146	5	62	-
1.5 to 1.9	398	6	53	91	108	13	18	-	81	5	16	7
2.0 to 2.4	211	8	41	44	31	19	5	-	45	7	11	-
2.5 to 2.9	62	-	4	6	14	11	-	-	21	-	6	-
3.0 to 3.9	59	-	-	-	17	5	-	4	29	4	-	-
4.0 or more	139	4	15	-	16	4	5	5	47	5	8	30
Not computed	13	-	-	-	-	-	-	-	9	5	4	-
<b>Renter occupied housing units</b>	9 584	667	1 660	833	711	155	579	24	2 914	96	1 656	289
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
With all plumbing facilities	9 204	645	1 651	825	707	151	575	18	2 864	90	1 414	264
0.50 or less	3 056	118	179	131	213	66	152	7	597	46	1 320	227
0.51 to 1.00	4 484	416	995	432	343	64	370	11	1 687	35	94	37
1.01 to 1.50	1 304	83	370	207	113	21	44	-	457	9	-	-
1.51 or more	360	28	107	55	38	4	9	-	123	-	-	-
Lacking some or all plumbing facilities	380	22	9	8	4	4	4	6	50	6	242	25
0.50 or less	92	-	-	-	-	-	-	-	4	-	83	5
0.51 to 1.00	237	4	4	4	-	4	-	6	30	6	159	20
1.01 to 1.50	22	13	5	4	-	-	-	-	-	-	-	-
1.51 or more	29	5	-	-	4	-	4	-	16	-	-	-
<b>UNITS IN STRUCTURE</b>												
1	1 432	42	269	173	142	5	57	-	579	13	90	62
2 to 4	5 671	440	1 124	529	402	109	378	6	1 662	55	846	100
5 to 19	1 552	131	197	93	69	30	104	7	368	10	497	46
20 or more	920	34	70	33	98	11	40	11	301	18	223	81
Mobile home or trailer	9	-	-	5	-	-	-	-	4	-	-	-
<b>GROSS RENT</b>												
Specified renter occupied <sup>2</sup>	9 478	663	1 629	819	703	155	579	24	2 897	96	1 656	257
Less than \$50	155	4	7	-	7	5	-	6	-	-	75	51
\$50 to \$59	168	-	29	7	19	-	17	-	39	6	46	5
\$60 to \$69	465	9	12	27	45	-	13	-	103	6	219	31
\$70 to \$79	488	21	34	32	48	6	25	7	64	4	196	51
\$80 to \$99	1 759	112	266	84	132	31	113	5	517	23	447	29
\$100 to \$119	2 103	173	326	210	139	46	138	-	692	14	322	43
\$120 to \$149	2 580	199	547	204	186	37	189	-	918	14	268	18
\$150 to \$199	1 416	124	348	198	103	18	61	6	461	24	68	5
\$200 to \$299	241	16	48	53	10	12	18	-	69	5	10	-
\$300 or more	13	-	-	4	-	-	-	-	4	-	5	-
No cash rent	90	5	12	-	14	-	5	-	30	-	-	24
<b>GROSS RENT AS PERCENTAGE OF INCOME BY INCOME</b>												
Specified renter occupied <sup>2</sup>	9 478	663	1 629	819	703	155	579	24	2 897	96	1 656	257
Less than \$5,000	4 193	183	238	104	176	79	214	24	1 898	61	966	248
Less than 20 percent	148	-	27	-	-	-	6	-	40	-	58	17
20 to 24 percent	214	13	6	21	10	6	18	-	50	7	76	7
25 to 34 percent	711	54	82	35	32	16	35	12	258	-	149	38
35 percent or more	2 731	107	112	48	129	57	146	12	1 389	47	527	157
Not computed	389	9	11	-	5	-	11	-	161	7	158	29
\$5,000 to \$9,999	3 542	353	766	361	283	62	259	-	837	22	590	9
Less than 20 percent	1 660	140	366	170	170	26	149	-	272	12	346	9
20 to 24 percent	833	109	215	59	70	-	39	-	185	10	146	-
25 to 34 percent	839	89	156	110	29	36	55	-	282	-	82	-
35 percent or more	181	15	24	22	5	-	11	-	88	-	16	-
Not computed	29	-	5	-	9	-	5	-	10	-	-	-
\$10,000 to \$14,999	1 309	105	460	275	173	6	78	-	119	9	84	-
Less than 20 percent	1 190	105	418	261	149	-	61	-	108	4	84	-
20 to 24 percent	76	-	35	5	14	-	17	-	5	-	-	-
25 percent or more	25	-	-	9	5	6	-	-	-	5	-	-
Not computed	18	-	7	-	5	-	-	-	6	-	-	-
\$15,000 or more	434	22	165	79	71	8	26	-	43	4	16	-
Less than 20 percent	430	22	165	79	71	8	26	-	39	4	16	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	4	-	-	-	-	-	-	-	4	-	-	-

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

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

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

Rochester	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
<b>Owner occupied housing units</b>	<b>3 588</b>	<b>309</b>	<b>595</b>	<b>550</b>	<b>541</b>	<b>516</b>	<b>394</b>	<b>337</b>	<b>346</b>	<b>4.1</b>
<b>BEDROOMS</b>										
None and 1	157	64	40	21	15	—	—	17	—	...
2	473	140	129	85	55	20	25	19	—	2.2
3	1 362	92	210	135	451	240	152	82	—	4.0
4 or more	1 452	39	121	74	149	186	234	256	393	6.2
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	—	—	—	—	—	—	—	—	—	—
1965 to 1968	11	—	6	—	—	—	5	—	—	...
1960 to 1964	27	—	13	—	—	8	—	6	—	...
1950 to 1959	208	8	26	36	41	40	18	24	15	4.3
1940 to 1949	420	48	35	58	77	62	78	39	23	4.4
1939 or earlier	2 922	253	515	456	423	406	293	268	308	4.1
<b>UNITS IN STRUCTURE</b>										
1	2 611	162	392	396	380	398	306	263	314	4.4
2 or more	973	147	203	150	161	118	88	74	32	3.4
Mobile home or trailer	4	—	—	4	—	—	—	—	—	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	2 997	260	542	487	443	433	307	263	262	4.0
2 and 2 1/2	512	42	54	89	38	82	73	63	71	4.9
3 or more	43	—	—	7	13	6	—	6	11	...
None or also used by another household	34	8	12	6	8	—	—	—	—	...
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>3 279</b>	...	<b>595</b>	<b>550</b>	<b>541</b>	<b>516</b>	<b>394</b>	<b>337</b>	<b>346</b>	<b>4.4</b>
Male head, wife present, no nonrelatives	2 506	...	397	413	412	422	308	270	284	4.6
Under 25 years	41	...	8	5	7	16	5	—	—	...
25 to 34 years	662	...	47	94	163	110	127	73	48	4.7
35 to 44 years	759	...	73	85	117	131	92	125	136	5.3
45 to 64 years	864	...	174	192	113	152	75	64	94	4.1
65 years and over	180	...	95	37	12	13	9	8	6	2.4
Other male head	163	...	65	23	29	23	15	3	5	3.2
Under 65 years	143	...	60	23	24	13	15	3	5	3.0
65 years and over	20	...	5	—	5	10	—	—	—	...
Female head	610	...	133	114	100	71	71	64	57	4.1
Under 65 years	556	...	123	96	86	71	66	57	57	4.2
65 years and over	54	...	10	18	14	—	5	7	—	...
<b>One-person households</b>	<b>309</b>	<b>309</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>VALUE-INCOME RATIO</b>										
Specified owner-occupied <sup>1</sup>	2 487	144	378	385	375	388	262	258	297	4.4
Less than 1.5	1 605	62	170	255	287	258	201	178	194	4.6
1.5 to 1.9	398	23	95	62	36	63	19	42	58	4.0
2.0 to 2.4	211	11	53	25	25	27	20	22	28	4.2
2.5 to 2.9	62	6	10	19	7	10	—	10	—	...
3.0 to 3.9	59	—	13	5	4	22	11	—	4	...
4.0 or more	139	38	37	14	16	8	11	6	9	2.4
Not computed	13	4	—	5	—	—	—	—	4	...
<b>Renter occupied housing units</b>	<b>9 584</b>	<b>1 945</b>	<b>2 041</b>	<b>1 656</b>	<b>1 346</b>	<b>955</b>	<b>713</b>	<b>490</b>	<b>438</b>	<b>3.0</b>
<b>BEDROOMS</b>										
None	378	354	—	—	—	—	—	24	—	...
1	2 582	1 013	955	292	171	59	47	45	—	1.8
2	3 827	410	979	1 108	513	438	224	112	43	3.0
3 or more	2 843	145	196	544	475	371	521	294	297	4.7
<b>YEAR STRUCTURE BUILT</b>										
1969 to March 1970	209	10	42	41	67	27	17	5	—	3.7
1965 to 1968	232	65	41	57	20	31	9	—	9	2.7
1960 to 1964	229	25	64	35	73	22	—	5	5	3.2
1950 to 1959	588	98	134	80	118	75	26	32	25	3.3
1940 to 1949	1 297	233	264	270	185	94	102	50	99	3.1
1939 or earlier	7 029	1 514	1 496	1 173	883	706	559	398	300	2.9
<b>UNITS IN STRUCTURE</b>										
1	1 432	152	169	173	206	190	185	148	209	4.6
2	3 008	365	651	632	498	371	261	132	98	3.3
3 and 4	2 663	581	612	489	337	240	172	153	79	2.8
5 to 9	977	341	267	139	106	69	35	15	5	2.1
10 to 19	575	202	124	86	93	35	9	15	11	2.2
20 or more	920	304	218	137	102	50	51	27	31	2.2
Mobile home or trailer	9	—	—	—	4	—	—	—	5	...
<b>COMPLETE BATHROOMS</b>										
1 and 1 1/2	8 831	1 572	1 963	1 478	1 389	923	656	462	388	3.1
2 or more	181	19	19	37	6	24	13	15	48	4.9
None or also used by another household	626	353	76	62	43	27	7	31	27	1.4
<b>HOUSEHOLD COMPOSITION</b>										
<b>Two-or-more-person households</b>	<b>7 639</b>	...	<b>2 041</b>	<b>1 656</b>	<b>1 346</b>	<b>955</b>	<b>713</b>	<b>490</b>	<b>438</b>	<b>3.6</b>
Male head, wife present, no nonrelatives	4 026	...	931	862	723	544	392	300	274	3.8
Under 25 years	467	...	179	204	160	52	40	17	15	3.3
25 to 34 years	1 660	...	252	366	355	278	174	135	100	4.1
35 to 44 years	833	...	176	99	107	116	98	100	100	4.5
45 to 64 years	711	...	260	115	90	97	40	50	59	3.8
65 years and over	155	...	64	—	19	10	22	—	—	2.2
Other male head	603	...	304	166	62	18	49	4	—	2.5
Under 65 years	579	...	291	160	57	18	49	4	—	2.5
65 years and over	24	...	13	6	5	—	—	—	—	...
Female head	3 010	...	806	628	561	393	272	186	164	3.6
Under 65 years	2 914	...	749	612	546	389	272	182	164	3.7
65 years and over	96	...	57	16	15	4	—	—	—	...
<b>One-person households</b>	<b>1 945</b>	<b>1 945</b>	...	...	...	...	...	...	...	<b>1.0</b>
<b>GROSS RENT AS PERCENTAGE OF INCOME</b>										
Specified renter occupied <sup>2</sup>	9 478	1 913	2 041	1 632	1 326	935	707	490	434	3.0
Less than 10 percent	580	108	152	90	81	81	19	27	22	2.8
10 to 14 percent	1 359	211	288	235	198	180	87	76	84	3.3
15 to 19 percent	1 489	211	336	300	220	148	159	29	86	3.2
20 to 24 percent	1 123	229	270	181	171	89	66	75	42	2.8
25 to 34 percent	1 575	269	286	299	215	156	179	89	82	3.3
35 percent or more	2 912	700	660	492	374	270	162	149	105	2.7
Not computed	440	185	49	35	67	11	35	45	13	2.2

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

<sup>2</sup>Excludes 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

<b>GENERAL</b> .....	App-2
Self-enumeration and census questionnaire .....	App-2
Comparability with 1960 data ..	App-2
<b>LIVING QUARTERS</b> .....	App-3
Housing units .....	App-3
Group quarters .....	App-3
Rules for mobile homes, hotels, rooming houses, etc. ....	App-3
Institutions .....	App-4
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b> .....	App-4
Occupied housing units .....	App-4
Race .....	App-4
Spanish heritage .....	App-4
Tenure .....	App-4
Year moved into unit .....	App-4
Vacant housing units .....	App-4
Vacancy status .....	App-5
Duration of vacancy .....	App-5
<b>UTILIZATION CHARACTERISTICS</b> .....	App-5
Persons .....	App-5
Rooms .....	App-5
Persons per room .....	App-5
Bedrooms .....	App-5
<b>STRUCTURAL AND PLUMBING CHARACTERISTICS</b> .....	App-5
Direct access .....	App-5
Complete kitchen facilities ..	App-5
Year structure built .....	App-6
Units in structure .....	App-6
Elevator in structure .....	App-6
Plumbing facilities .....	App-6
Complete bathrooms .....	App-6
<b>EQUIPMENT, FUELS, AND APPLIANCES</b> .....	App-6
Heating equipment .....	App-6
Air conditioning .....	App-7
Automobiles available .....	App-7
Automatic clothes washing machine .....	App-7
Clothes dryer .....	App-7
Dishwasher .....	App-7
Home food freezer .....	App-7
Owned second home .....	App-7
<b>FINANCIAL CHARACTERISTICS</b> .....	App-7
Value .....	App-7
Sales price asked .....	App-7

Gross rent .....	App-8
Rent asked .....	App-8
Value-income ratio .....	App-8
Gross rent as percentage of income .....	App-8
<b>HOUSEHOLD CHARACTERISTICS</b> .....	App-8
Head of household .....	App-8
Household composition .....	App-8
Nonrelative .....	App-9
Family or primary individual ...	App-9
Income in 1969 .....	App-9
<b>FACSIMILES</b> .....	App-10
Housing Pages in the 1970 Census Questionnaires .....	App-10
Respondent Instructions for the Housing Questions in the 1970 Census .....	App-13

### 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><b>A.</b> 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><b>H9.</b> 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><b>FOR CENSUS ENUMERATOR'S USE ONLY</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;"><b>a4.</b> Block number</th> <th style="width:50%;"><b>a5.</b> Serial number</th> </tr> <tr> <td>0 0 0 0</td> <td>0 0 0 0</td> </tr> <tr> <td>1 0 0 0</td> <td>1 0 0 0</td> </tr> <tr> <td>2 0 0 0</td> <td>2 0 0 0</td> </tr> <tr> <td>3 0 0 0</td> <td>3 0 0 0</td> </tr> <tr> <td>4 0 0 0</td> <td>4 0 0 0</td> </tr> <tr> <td>5 0 0 0</td> <td>5 0 0 0</td> </tr> <tr> <td>6 0 0 0</td> <td>6 0 0 0</td> </tr> <tr> <td>7 0 0 0</td> <td>7 0 0 0</td> </tr> <tr> <td>8 0 0 0</td> <td>8 0 0 0</td> </tr> <tr> <td>9 0 0 0</td> <td>9 0 0 0</td> </tr> </table>	<b>a4.</b> Block number	<b>a5.</b> Serial number	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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<p><i>Answer these questions for your living quarters</i></p> <p><b>H1.</b> Is there a telephone on which people in your living quarters can be called?</p> <p> <input type="radio"/> Yes — What is the number? _____  <input type="radio"/> No         </p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></p>	<p><b>H10a.</b> 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>b.</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><b>B.</b> Type of unit or quarters</p> <p><u>Occupied</u></p> <p> <input type="radio"/> First form  <input type="radio"/> Continuation         </p> <p><u>Vacant</u></p> <p> <input type="radio"/> Regular  <input type="radio"/> Usual residence elsewhere         </p> <p><u>Group quarters</u></p> <p> <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><b>H2.</b> 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><b>H11.</b> 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  <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; font-size: small;"> <p><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> </div>	<p><b>C.</b> Vacancy status</p> <p><u>Year round—</u></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"/> <u>Seasonal</u>  <input type="radio"/> <u>Migratory</u> </p>																						
<p><b>H3.</b> 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><b>H12.</b> Answer this question if you pay rent for your living quarters.</p> <p><b>a.</b> 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  <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>D.</b> 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><b>H4.</b> 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><b>b.</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><b>C/O</b>    <input type="radio"/>    <input type="radio"/></p>																						
<p><b>H5.</b> 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><b>H6.</b> 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><b>H7.</b> 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><b>H8.</b> 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>																								

APPENDIX B—Continued

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

<p><b>H13.</b> 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><b>a. Electricity?</b></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>b. Gas?</b></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><b>c. Water?</b></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p><b>d. Oil, coal, kerosene, wood, etc.?</b></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><b>H19.</b> 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> <hr/> <p><b>H20.</b> 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> <hr/> <p><b>H21.</b> How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <p><input type="radio"/> No bathroom, or only a half bathroom</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> <hr/> <p><b>H22.</b> 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> <hr/> <p><b>H23.</b> How many passenger automobiles are owned or regularly used by members of your household? <i>Count company cars kept at home.</i></p> <p><input type="radio"/> None</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><b>H14.</b> How are your living quarters heated? <i>Fill one circle for the kind of heat you use most.</i></p> <p><input type="radio"/> Steam or hot water system</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><b>H15.</b> 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><b>H16.</b> Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i></p> <p><input type="radio"/> A one-family house detached from any other house</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><b>H17.</b> 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><b>H18.</b> Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

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

<p><b>H13.</b> 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><b>a. Electricity?</b></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>b. Gas?</b></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><b>c. Water?</b></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p><b>d. Oil, coal, kerosene, wood, etc.?</b></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p> <hr/> <p><b>H14.</b> How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="radio"/></p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p> <hr/> <p><b>H15.</b> About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970      <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968      <input checked="" type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964      <input type="radio"/> 1939 or earlier</p> <hr/> <p><b>H16.</b> 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> <hr/> <p><b>H17.</b> Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p> <hr/> <p><b>H18.</b> 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><b>H24a.</b> 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> <p><b>b.</b> If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <hr/> <p><b>H25a.</b> Which fuel is used most for cooking?</p> <p>Gas <input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p>Electricity</p> <p>Fuel oil, kerosene, etc.</p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p><b>b.</b> Which fuel is used most for house heating?</p> <p>Gas <input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p>Electricity</p> <p>Fuel oil, kerosene, etc.</p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p><b>c.</b> Which fuel is used most for water heating?</p> <p>Gas <input checked="" type="radio"/> From underground pipes serving the neighborhood.</p> <p><input type="radio"/> Bottled, tank, or LP</p> <p>Electricity</p> <p>Fuel oil, kerosene, etc.</p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <hr/> <p><b>H26.</b> How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom      <input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 1 bedroom      <input checked="" type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 2 bedrooms      <input type="radio"/> 5 bedrooms or more</p> <hr/> <p><b>H27a.</b> 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>b.</b> Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No</p> <hr/> <p><b>c.</b> Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <hr/> <p><b>d.</b> Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p> <hr/> <p><b>H28a.</b> 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>b.</b> If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes    <input checked="" type="radio"/> No</p> <hr/> <p><b>H29.</b> 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><b>H30.</b> Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes    <input type="radio"/> No</p>
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15 and 5 percent

5 percent

## APPENDIX B—Continued

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

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

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

## Appendix C.—ACCURACY OF THE DATA

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

### SOURCES OF ERROR

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

### EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

### SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
<b>OCCUPANCY CHARACTERISTICS</b>		<b>EQUIPMENT AND APPLIANCES</b>	
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
<b>VACANCY CHARACTERISTICS</b>		<b>FINANCIAL CHARACTERISTICS</b>	
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
<b>UTILIZATION CHARACTERISTICS</b>		<b>HOUSEHOLD CHARACTERISTICS</b>	
Number of rooms . . . . .	20	Household composition . . . . .	20
Size of household (persons) . . . . .	20	Income . . . . .	20
Persons per room . . . . .	20		
Bedrooms . . . . .	5		
<b>PLUMBING CHARACTERISTICS</b>			
Plumbing facilities . . . . .	20		
Complete bathrooms . . . . .	15		
<b>STRUCTURAL CHARACTERISTICS</b>			
Complete kitchen facilities . . . . .	20		
Access . . . . .	20		
Units in structure . . . . .	20		
Mobile home or trailer . . . . .	20		
Year structure built . . . . .	20		
Elevator in structure . . . . .	5		

**RATIO ESTIMATION**

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

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

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

Group

Occupied housing units:

STAGE I

*Male Head With Own Children Under 18*

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

.

.

.

- 6 6-or-more-person household

*Male Head Without Own Children Under 18*

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

*Female Head*

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

STAGE II

*Owner Occupied*

- 19 Negro
- 20 Not Negro

*Renter Occupied*

- 21 Negro
- 22 Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

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 <sup>1</sup>	Number of housing units in area <sup>2</sup>						
	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

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

<sup>2</sup> 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 <sup>1</sup>	Factor if sample rate is—			Characteristic <sup>1</sup>	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
<b>OCCUPANCY AND VACANCY CHARACTERISTICS</b>				<b>EQUIPMENT, FUELS, AND APPLIANCES</b>			
Year moved into unit .....	...	1.1	...	Heating equipment .....	0.8	0.9	...
Duration of vacancy .....	0.8	...	1.7	Air conditioning .....	...	1.1	...
<b>UTILIZATION CHARACTERISTICS</b>				Automobiles available .....	...	1.0	...
Rooms .....	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons) .....	0.5	0.6	1.2	<b>FINANCIAL CHARACTERISTICS</b>			
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	...
<b>PLUMBING CHARACTERISTICS</b>				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
<b>STRUCTURAL CHARACTERISTICS</b>				Rent asked .....	1.1	...	2.5
Units in structure .....	0.8	0.9	1.7	<b>HOUSEHOLD CHARACTERISTICS</b>			
Year structure built .....	0.9	1.0	...	Household composition .....	0.6	0.7	...
				Income in 1969 .....	1.0	1.2	2.3
				<b>ALL OTHERS</b> .....	1.0	1.2	2.2

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

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

## Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

### Housing Census Reports

#### Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

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

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

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

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

#### Volume II. METROPOLITAN HOUSING CHARACTERISTICS

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

#### Volume III. BLOCK STATISTICS

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

#### Volume IV. COMPONENTS OF INVENTORY CHANGE

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

#### Volume V. RESIDENTIAL FINANCE

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

#### Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

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

#### Volume VII. SUBJECT REPORTS

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

### Population Census Reports

#### Volume I. CHARACTERISTICS OF THE POPULATION

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

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

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

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

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

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

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

■ Series PC(1)-D.

**DETAILED CHARACTERISTICS**

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

**Volume II.**

**SUBJECT REPORTS**

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

**Joint Population-Housing Reports**

Series PHC(1).

**CENSUS TRACT REPORTS**

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

Series PHC(2).

**GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970**

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

Series PHC(3).

**EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS**

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

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

**Additional Reports**

Series PHC(E).

**EVALUATION REPORTS**

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

Series PHC(R).

**PROCEDURAL REPORTS**

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

**Computer Summary Tapes**

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

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

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

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

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

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

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

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

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

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

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**Social and Economic Statistics Administration**  
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**Table**

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**1, 11, 19** **VALUE**

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**2, 12, 20** **GROSS RENT**

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**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**

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**10** **SALES PRICE ASKED  
AND RENT ASKED**

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