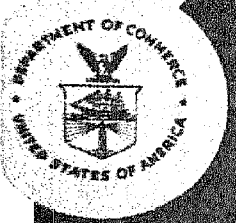


A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

MILWAUKEE, WIS.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-134



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

U. S. DEPARTMENT OF COMMERCE

Peter G. Peterson, Secretary

James T. Lynn, Under Secretary

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

Social and Economic Statistics Administration

BUREAU OF THE CENSUS

George Hay Brown, Director

Robert L. Hagan, Acting Deputy Director

Conrad Taeuber, Associate Director

Daniel B. Levine, Acting Deputy Associate Director

David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

Arthur F. Young, Chief

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. Coa, 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. Albrooks, Peter A. Boumparis, Barbara A. Boyes, and Carlton W. Pruden.

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

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

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

Systems and processing procedures were developed under the direction of Morris Gorinson, Assistant Chief, Demographic Census Staff. Florence Wright, assisted by Orville M. Siye and Erne Wilkins, was responsible for the clerical procedures and Roger O. Lepage, assisted by Howard N. Hamilton, William Norfolk, and Eleanor Banks, was responsible for the computer programming. Donald R. Datzall 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. Don N. Herding, assisted by Nora H. Shouse, was responsible for the tabulation review work, in which Peter J. Franzese also made important contributions.

FOSDIC and computer processing were performed in the Computer Services Division under the supervision of James R. Papoi, Chief, and E. Richard Bourdon and James W. Shore, 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)-134
Milwaukee, Wis. SMSA
U.S. Government Printing Office
Washington, D.C. 1972

For sale by the
Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402, or any
Department of Commerce Field Office.

Price \$1.00

**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**MILWAUKEE, WIS.
STANDARD METROPOLITAN
STATISTICAL AREA**

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	Abitene, 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	Mayaguez, P. R. SMSA
163	Peoria, Ill. SMSA	205	Sioux Falls, S. Dak. SMSA	247	Ponce, P. R. SMSA
164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, P. R. SMSA
165	Philadelphia, Pa.-N.J. SMSA	207	Spokane, Wash. SMSA		
166	Phoenix, Ariz. SMSA	208	Springfield, Ill. SMSA		
167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		

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

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

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

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

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 11. 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

Milwaukee, Wis.

STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 134.]

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	10 to 17	—
Milwaukee	B	18 to 26	27 to 34	—
Wauwatosa	C	35 to 43	—	—
West Allis	D	44 to 52	—	—

CONTENTS—Continued

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]

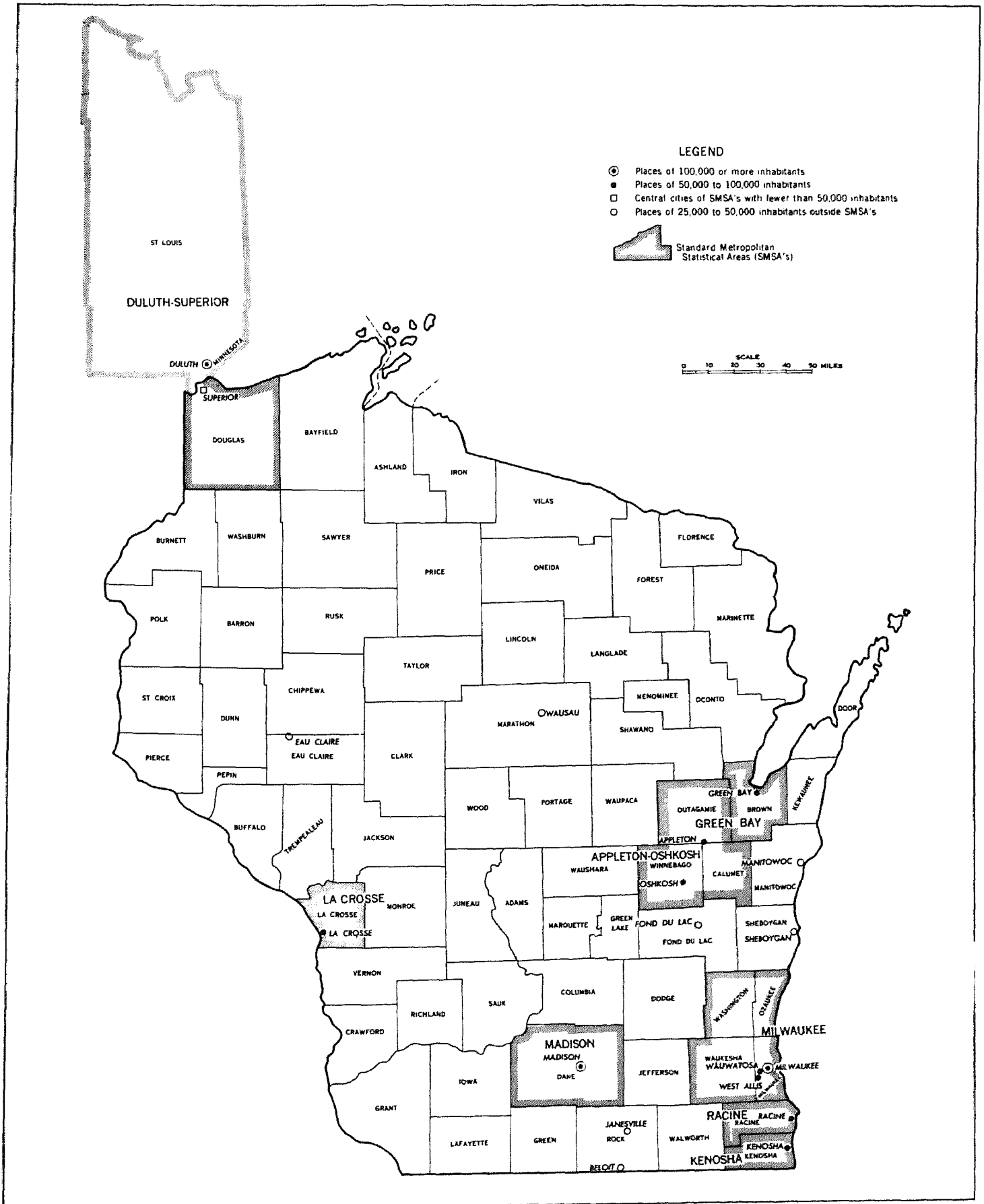
TABLE

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



NOTE

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

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

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

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	258 857	255 777	123 776	114 173	16 048	1 780	3 080	2 186	717	121	56
PERSONS											
1 person	24 956	24 053	23 981	72	-	-	903	862	41	-	-
2 persons	72 698	71 528	70 088	1 377	-	63	1 170	1 076	89	-	5
3 persons	42 559	42 218	22 046	20 144	15	13	341	179	152	10	-
4 persons	45 899	45 613	5 368	40 057	153	35	286	65	196	19	6
5 persons	33 443	33 275	2 293	30 063	859	60	168	4	146	8	10
6 persons or more	39 302	39 090	-	22 460	15 021	1 609	212	-	93	84	35
Median	3.2	3.3	2.0	4.4	6.8	7.5+	2.0	1.7	3.9	6.2	...
Units with roomers, boarders, or lodgers	4 591	4 499	2 022	2 011	419	47	92	50	27	10	5
YEAR STRUCTURE BUILT											
1969 to March 1970	4 226	4 206	2 043	2 027	136	-	20	20	-	-	-
1965 to 1968	18 151	18 086	6 871	10 474	694	47	65	36	22	7	-
1960 to 1964	26 240	26 168	9 189	14 879	1 861	239	72	31	36	5	-
1950 to 1959	80 030	79 595	32 890	39 466	6 606	633	435	235	149	38	13
1940 to 1949	30 171	29 818	15 758	12 139	1 681	240	353	252	94	-	7
1939 or earlier	100 015	97 883	56 725	35 190	5 264	704	2 132	1 625	419	67	21
INCOME IN 1969											
Less than \$2,000	13 475	12 930	10 891	1 751	248	40	545	501	36	3	5
\$2,000 to \$2,999	8 608	8 295	7 232	932	122	9	313	278	35	-	-
\$3,000 to \$3,999	8 416	8 218	7 124	956	95	43	198	177	21	-	-
\$4,000 to \$4,999	7 968	7 792	6 541	1 111	107	33	176	125	36	10	5
\$5,000 to \$5,999	7 937	7 755	6 133	1 358	232	32	182	144	33	-	5
\$6,000 to \$6,999	8 306	8 158	5 759	1 916	391	92	148	100	39	4	5
\$7,000 to \$9,999	42 542	41 993	20 347	18 493	2 884	268	550	381	150	15	4
\$10,000 to \$14,999	85 937	85 400	30 348	46 987	7 388	677	537	284	204	44	5
\$15,000 to \$24,999	59 221	58 902	21 137	33 292	3 966	507	319	119	148	41	11
\$25,000 or more	16 447	16 335	8 264	7 377	615	79	112	77	15	4	16
Median	\$11 900	\$11 900	\$9 700	\$13 300	\$12 700	\$12 800	\$6 900	\$5 100	\$10 200	\$13 200	...
VALUE-INCOME RATIO											
Specified owner occupied ¹											
Less than 1.5	208 305	204 547	95 234	96 615	13 341	1 357	1 758	1 244	411	62	41
1.5 to 1.9	64 604	64 115	23 606	34 448	5 390	671	489	272	178	19	20
2.0 to 2.4	48 910	48 634	18 821	25 654	3 855	304	276	171	80	14	11
2.5 to 2.9	33 914	33 704	13 405	17 741	2 376	182	210	144	56	10	-
3.0 to 3.9	18 812	18 672	9 029	8 697	851	95	140	91	40	9	-
4.0 or more	16 315	16 079	9 633	5 942	450	54	236	185	36	10	5
Not computed	24 814	24 430	20 099	3 897	383	51	384	358	21	-	5
	936	913	641	236	36	-	23	23	-	-	-
HEATING EQUIPMENT											
Steam or hot water	35 992	35 567	20 030	13 770	1 558	209	425	293	92	19	21
Warm-air furnace	208 855	207 312	96 951	95 356	13 470	1 335	1 743	1 188	463	68	24
Built-in electric units	1 374	1 363	687	585	85	6	11	5	6	-	-
Floor, wall, or pipeless furnace	2 164	2 106	1 583	759	159	35	58	43	10	-	5
Other means	10 425	9 592	4 942	3 684	771	195	833	647	146	34	6
None	47	37	13	19	5	-	10	10	-	-	-
Renter occupied housing units	173 821	165 540	85 228	70 486	8 061	1 765	8 281	3 290	4 531	180	280
PERSONS											
1 person	51 969	45 783	41 731	4 052	-	-	6 186	2 687	3 499	-	-
2 persons	51 318	50 117	37 924	11 862	-	331	1 201	576	482	-	143
3 persons	28 657	28 376	4 850	23 234	239	53	281	18	190	41	32
4 persons	20 049	19 742	550	18 653	426	113	307	5	210	40	52
5 persons	10 682	10 554	173	8 739	1 467	175	128	4	98	16	10
6 persons or more	11 146	10 968	-	3 946	5 929	1 093	178	-	52	83	43
Median	2.2	2.2	1.5	3.3	6.2	7.3	1.2	1.1	1.1	5.1	2.5
Units with roomers, boarders, or lodgers	5 200	5 023	2 036	2 641	225	121	177	27	90	16	44
YEAR STRUCTURE BUILT											
1969 to March 1970	4 270	4 257	2 230	1 936	76	15	13	7	6	-	-
1965 to 1968	17 522	17 348	8 782	7 998	488	80	174	104	56	6	8
1960 to 1964	15 771	15 640	7 410	7 440	615	175	131	35	79	-	17
1950 to 1959	22 798	22 417	10 937	10 237	1 057	186	381	124	240	11	6
1940 to 1949	17 488	17 093	8 864	7 270	843	116	395	212	155	7	21
1939 or earlier	95 996	88 659	47 080	35 529	4 916	1 134	7 337	2 869	4 083	151	234
INCOME IN 1969											
Less than \$2,000	22 054	19 695	13 785	5 314	459	137	2 359	1 099	1 198	17	45
\$2,000 to \$2,999	11 980	10 916	7 032	3 429	344	111	1 064	426	586	13	39
\$3,000 to \$3,999	10 957	10 142	6 272	3 372	363	135	815	329	451	28	7
\$4,000 to \$4,999	10 666	10 007	6 332	3 225	335	115	659	243	371	19	26
\$5,000 to \$5,999	11 153	10 445	6 249	3 600	505	91	708	267	412	5	24
\$6,000 to \$6,999	11 701	11 156	6 256	4 209	563	128	545	237	249	27	32
\$7,000 to \$9,999	38 503	37 160	15 989	18 618	2 113	440	1 343	449	817	38	39
\$10,000 to \$14,999	40 165	39 579	16 024	20 717	2 440	398	586	185	333	33	35
\$15,000 to \$24,999	14 286	14 113	5 982	7 111	849	171	173	46	99	-	28
\$25,000 or more	2 356	2 327	1 307	891	90	39	29	9	15	-	5
Median	\$7 700	\$7 800	\$6 500	\$8 900	\$9 100	\$8 100	\$3 900	\$3 400	\$4 100	\$6 300	\$6 000
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²											
Less than 10 percent	171 733	163 585	84 388	69 643	7 844	1 710	8 148	3 219	4 499	156	274
10 to 14 percent	13 615	12 216	5 239	6 049	689	239	1 399	315	970	17	97
15 to 19 percent	33 780	32 382	14 087	16 017	1 933	345	1 398	554	762	38	44
20 to 24 percent	34 339	33 341	15 025	15 971	1 980	365	998	393	578	17	10
25 to 29 percent	22 219	21 447	10 266	9 946	1 041	194	772	245	460	27	40
30 to 34 percent	21 418	20 499	11 495	7 978	842	184	919	355	516	22	26
35 percent or more	39 073	36 916	24 024	11 465	1 115	312	2 157	1 141	957	22	37
Not computed	7 289	6 784	4 252	2 217	244	71	505	216	256	13	20
HEATING EQUIPMENT											
Steam or hot water	56 164	51 935	30 864	19 138	1 445	488	4 229	1 297	2 724	31	177
Warm-air furnace	91 036	88 452	42 442	40 247	4 924	839	2 584	1 016	1 461	67	40
Built-in electric units	4 660	4 597	2 376	1 962	177	82	63	32	20	-	11
Floor, wall, or pipeless furnace	3 487	3 399	1 697	1 482	174	46	88	67	5	16	-
Other means	18 396	17 084	7 797	7 636	1 341	310	1 312	873	321	66	52
None	78	73	52	21	-	-	5	5	-	-	-

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

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

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	258 857	215	559	3 126	30 291	85 456	71 239	36 999	30 972	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	254 004	156	392	2 688	29 431	84 258	70 631	36 152	30 296	5.6
PERSONS										
1 person	24 956	113	311	1 332	6 314	9 127	4 708	1 751	1 300	5.0
2 persons	72 698	68	166	1 300	14 798	27 764	17 686	6 852	4 064	5.2
3 persons	42 559	13	25	176	5 042	15 078	12 416	6 009	3 800	5.6
4 persons	45 899	14	27	172	2 720	15 427	14 381	7 725	5 433	5.8
5 persons	33 443	7	7	56	867	9 895	10 633	6 469	5 509	6.1
6 persons or more	39 302	-	23	90	550	8 165	11 415	8 193	10 866	6.4
Median	3.2	1.5	1.4	1.7	2.1	2.9	3.6	4.0	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	255 777	169	442	2 910	29 657	84 541	70 745	36 651	30 662	5.6
0.50 or less	123 776	-	234	1 215	20 593	36 242	34 478	14 359	16 655	5.6
0.51 to 1.00	114 173	72	147	1 406	7 677	40 189	31 258	20 495	12 929	5.7
1.01 to 1.50	16 048	-	15	153	1 212	7 341	4 708	1 609	1 010	5.4
1.51 or more	1 780	97	46	136	175	769	301	188	68	5.1
Lacking some or all plumbing facilities	3 080	46	117	216	634	915	494	348	310	5.1
0.50 or less	2 186	-	77	117	519	649	332	253	239	5.1
0.51 to 1.00	717	41	19	70	85	211	143	86	62	5.2
1.01 to 1.50	121	-	10	19	21	34	19	9	9	4.8
1.51 or more	56	5	11	10	9	21	-	-	-	...
BEDROOMS										
None and 1	6 735	139	386	2 480	2 481	996	217	-	36	3.6
2	68 169	-	-	909	26 308	33 872	5 794	914	372	4.7
3	134 041	-	-	-	934	49 459	55 312	21 947	6 389	5.8
4 or more	50 261	-	-	-	-	561	9 474	15 476	24 750	7.5
YEAR STRUCTURE BUILT										
1969 to March 1970	4 054	-	4	29	201	693	1 046	970	1 111	6.6
1960 to 1968	44 779	31	85	329	1 886	11 356	13 408	9 030	8 654	6.1
1950 to 1959	79 700	42	126	544	11 883	33 787	21 343	7 938	4 037	5.3
1949 or earlier	130 324	142	344	2 224	16 321	39 620	35 442	19 061	17 170	5.7
COMPLETE BATHROOMS										
1 and 1 1/2	217 964	170	396	2 559	28 320	79 901	63 783	28 303	14 532	5.5
2 or more	36 495	-	40	181	1 208	4 467	6 929	7 884	15 786	7.2
None or also used by another household	4 374	69	159	313	962	1 320	719	444	388	5.0
VALUE-INCOME RATIO										
Specified owner occupied¹	208 305	71	196	1 283	20 742	64 115	60 912	33 649	27 337	5.8
Less than 1.5	64 604	33	42	367	6 590	19 917	18 567	10 345	8 743	5.8
1.5 to 1.9	48 910	15	38	194	4 307	16 336	14 977	7 519	5 524	5.7
2.0 to 2.9	52 726	-	48	211	3 676	15 617	9 386	9 386	7 414	5.9
3.0 or more	41 129	23	62	499	5 942	11 933	10 786	6 293	5 591	5.7
Not computed	936	-	6	12	227	312	208	106	65	5.2
Renter occupied housing units	173 821	8 168	10 374	29 757	50 424	47 847	18 664	5 450	3 137	4.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	161 544	3 562	8 281	28 162	48 435	46 084	18 461	5 335	3 224	4.3
PERSONS										
1 person	51 969	7 551	7 847	16 910	12 025	5 767	1 370	277	222	3.1
2 persons	51 318	474	2 081	10 263	19 395	14 171	3 802	817	315	4.2
3 persons	28 657	85	280	1 890	10 852	10 682	3 632	869	367	4.6
4 persons	20 049	36	129	466	5 946	8 486	3 363	1 068	555	4.9
5 persons	10 682	14	26	145	1 483	4 875	2 966	702	471	5.3
6 persons or more	11 146	8	11	83	723	3 866	3 531	1 717	1 207	5.7
Median	2.2	1.0	1.2	1.4	2.2	2.9	3.7	4.2	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	165 540	4 456	8 717	28 621	49 509	47 316	18 487	5 359	3 075	4.3
0.50 or less	85 228	-	6 460	16 176	30 745	19 419	8 701	1 930	1 597	4.1
0.51 to 1.00	70 486	4 052	1 887	11 799	16 606	23 878	8 070	2 854	1 340	4.5
1.01 to 1.50	8 061	-	239	426	1 952	3 328	442	118	118	4.9
1.51 or more	1 765	404	131	220	206	491	160	133	20	4.1
Lacking some or all plumbing facilities	8 281	3 712	1 657	1 136	915	531	177	91	62	1.8
0.50 or less	3 290	-	1 387	734	675	319	103	33	39	2.9
0.51 to 1.00	4 531	3 499	194	354	192	165	63	41	23	1.1
1.01 to 1.50	180	-	41	40	44	33	11	11	-	3.7
1.51 or more	280	213	35	8	4	14	-	6	-	1.2
BEDROOMS										
None	10 944	8 046	2 190	708	-	-	-	-	-	1.2
1	48 112	-	8 263	27 198	10 991	1 412	228	20	-	3.1
2	75 157	-	-	1 581	38 873	31 354	3 072	233	44	4.4
3 or more	39 476	-	-	-	725	16 475	14 900	4 838	2 538	5.7
YEAR STRUCTURE BUILT										
1969 to March 1970	4 390	65	165	1 314	1 453	1 002	318	65	8	3.9
1960 to 1968	33 434	1 299	3 204	8 965	11 256	6 374	1 708	448	180	3.8
1950 to 1959	23 095	831	1 263	4 029	6 054	6 176	1 237	325	180	4.1
1949 or earlier	112 902	5 973	5 742	15 449	28 661	34 295	15 401	4 612	2 769	4.5
COMPLETE BATHROOMS										
1 and 1 1/2	159 205	4 228	8 396	28 251	48 080	45 336	17 766	4 848	2 300	4.3
2 or more	4 180	55	82	198	664	1 001	754	502	924	5.6
None or also used by another household	10 460	3 887	1 873	1 419	1 570	1 025	377	212	97	2.2
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	171 733	8 154	10 348	29 658	50 180	47 471	18 196	5 163	2 563	4.3
Less than 10 percent	13 615	1 379	765	1 746	3 446	3 884	1 715	463	217	4.3
10 to 14 percent	33 780	1 213	1 629	4 514	10 306	10 743	4 010	945	420	4.4
15 to 19 percent	34 339	1 059	1 617	4 863	10 782	10 610	3 980	1 056	372	4.4
20 to 24 percent	22 219	864	1 128	3 773	6 658	6 427	2 381	610	178	4.3
25 to 34 percent	21 418	1 106	1 355	4 395	6 149	5 517	1 997	663	236	4.1
35 percent or more	39 073	2 141	3 456	9 378	11 092	8 403	3 175	897	531	3.9
Not computed	7 289	392	398	989	1 547	1 887	938	529	609	4.7

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

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

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

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

The SMSA	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	258 857	2 317	32 276	54 153	93 195	26 668	5 567	1 964	12 544	5 217	10 489	14 467
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	255 777	2 303	32 157	53 911	92 429	26 159	5 494	1 838	12 406	5 027	10 195	13 858
0.50 or less	123 776	1 021	6 484	7 649	46 478	22 373	3 379	1 509	6 696	4 206	10 139	13 842
0.51 to 1.00	114 173	1 238	22 883	37 120	41 284	3 632	1 853	295	5 027	769	56	16
1.01 to 1.50	16 048	44	2 589	8 240	4 177	110	227	29	601	31	-	-
1.51 or more	1 780	-	201	902	490	44	35	5	82	21	-	-
Lacking some or all plumbing facilities	3 080	14	119	242	766	509	73	126	138	190	294	609
0.50 or less	2 186	-	21	55	436	419	55	85	91	162	269	593
0.51 to 1.00	717	9	83	111	295	86	13	32	24	23	25	16
1.01 to 1.50	121	5	10	46	24	4	5	4	18	5	-	-
1.51 or more	56	-	5	30	11	-	-	5	5	-	-	-
UNITS IN STRUCTURE												
1	217 437	1 523	27 984	49 320	81 672	20 865	4 414	1 511	9 984	3 761	7 006	9 397
2 or more	39 483	623	3 931	4 664	11 046	5 688	1 062	447	2 468	1 445	3 125	4 984
Mobile home or trailer	1 937	171	361	169	477	115	91	6	92	11	358	86
INCOME IN 1969												
Less than \$2,000	13 475	51	387	463	909	1 309	226	154	1 343	751	1 964	5 918
\$2,000 to \$2,999	8 608	27	64	222	537	2 344	120	163	851	493	761	3 026
\$3,000 to \$3,999	8 416	57	98	191	823	3 097	92	157	784	401	882	1 834
\$4,000 to \$4,999	7 968	45	123	252	942	3 217	114	104	927	300	919	1 025
\$5,000 to \$5,999	7 937	77	245	408	1 334	2 555	151	119	1 017	336	1 026	669
\$6,000 to \$6,999	8 306	187	406	718	1 987	1 974	238	133	961	318	967	417
\$7,000 to \$9,999	42 542	716	7 540	7 768	13 912	4 356	1 290	326	2 587	927	2 368	732
\$10,000 to \$14,999	85 937	898	16 872	23 991	32 864	3 965	1 772	355	2 620	901	1 221	478
\$15,000 to \$24,999	59 221	222	5 593	16 373	30 598	2 515	1 216	304	1 255	614	319	212
\$25,000 or more	16 447	37	948	3 767	9 289	1 336	348	149	199	176	62	136
Median	\$11 900	\$10 000	\$12 200	\$13 600	\$14 000	\$6 400	\$11 600	\$8 400	\$7 500	\$7 000	\$5 700	\$2 400
VALUE-INCOME RATIO												
Specified owner occupied ¹	208 305	1 468	27 450	47 869	77 950	19 701	4 058	1 353	9 486	3 543	6 511	8 916
Less than 1.5	64 604	393	5 585	14 545	34 124	3 778	1 623	559	1 911	989	759	338
1.5 to 1.9	48 910	351	8 034	13 783	20 012	2 505	852	137	1 499	494	893	350
2.0 to 2.4	33 914	267	6 795	9 892	11 373	2 110	590	136	1 195	394	714	448
2.5 to 2.9	18 812	191	3 527	4 805	5 394	2 115	337	96	987	234	650	476
3.0 to 3.9	16 315	126	2 451	3 112	3 950	3 017	257	139	1 183	362	753	965
4.0 or more	24 814	134	1 021	1 681	3 037	6 119	377	282	2 513	1 052	2 458	6 140
Not computed	936	6	37	51	60	57	22	4	198	18	284	199
Renter occupied housing units	173 821	15 686	30 398	12 791	21 804	9 505	6 825	856	21 133	2 854	34 326	17 643
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	165 540	15 550	30 101	12 600	21 409	9 237	6 554	799	20 737	2 778	29 992	15 791
0.50 or less	85 228	5 028	6 611	1 992	9 894	6 294	3 128	534	8 016	2 000	26 971	14 760
0.51 to 1.00	70 486	9 936	20 657	7 896	9 967	2 842	3 013	250	11 127	746	3 021	1 031
1.01 to 1.50	8 061	457	2 447	2 253	1 225	63	248	5	1 348	19	-	-
1.51 or more	1 765	129	386	459	323	38	169	10	246	5	-	-
Lacking some or all plumbing facilities	8 281	136	297	191	395	268	271	57	396	84	4 334	1 852
0.50 or less	3 290	30	41	18	125	143	72	33	96	45	1 730	957
0.51 to 1.00	4 531	86	138	123	229	88	114	15	204	35	2 604	895
1.01 to 1.50	180	-	64	34	4	11	13	-	54	-	-	-
1.51 or more	280	20	54	16	37	26	72	9	42	4	-	-
UNITS IN STRUCTURE												
1	22 804	1 444	4 728	3 199	4 760	1 296	1 040	175	2 731	358	1 991	1 082
2 to 4	90 584	9 154	18 909	7 672	12 749	5 445	3 187	488	12 585	1 525	11 835	7 035
5 to 19	32 227	3 145	4 411	1 264	2 612	1 526	1 454	102	3 621	530	9 429	4 133
20 or more	28 068	1 923	2 327	636	1 666	1 233	1 135	91	2 176	441	11 047	5 393
Mobile home or trailer	138	20	23	20	17	5	9	-	20	-	24	-
GROSS RENT												
Specified renter occupied ²	171 733	15 563	29 920	12 453	21 385	9 382	6 754	837	20 940	2 828	34 114	17 557
Less than \$50	5 402	22	56	46	115	150	67	17	204	52	2 024	2 649
\$50 to \$59	3 479	64	126	70	151	155	69	4	682	56	1 260	812
\$60 to \$69	5 675	132	189	127	442	349	172	54	395	82	2 429	1 304
\$70 to \$79	7 606	384	493	314	580	451	215	65	855	158	2 710	1 381
\$80 to \$99	25 688	1 848	2 489	1 205	2 792	1 569	940	115	3 870	496	6 929	3 435
\$100 to \$119	33 607	3 183	5 145	2 440	4 275	1 959	1 372	142	4 564	582	6 818	3 127
\$120 to \$149	42 183	5 647	9 278	3 295	5 487	2 101	1 532	186	5 053	612	6 668	2 324
\$150 to \$199	33 132	3 850	9 411	2 873	4 536	1 500	1 502	119	3 779	429	3 798	1 335
\$200 to \$299	8 861	321	2 230	1 474	1 613	338	560	51	1 098	172	689	315
\$300 or more	1 178	4	110	140	349	154	74	12	87	37	132	77
No cash rent	4 922	108	393	469	1 045	654	221	72	353	152	657	798
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	171 733	15 563	29 920	12 453	21 385	9 382	6 754	837	20 940	2 828	34 114	17 557
Less than \$5,000	55 148	2 521	1 553	734	1 597	4 472	2 145	388	11 414	1 317	14 253	14 754
Less than 20 percent	2 023	27	40	29	82	138	31	6	236	37	1 023	374
20 to 24 percent	3 326	153	99	24	86	366	77	11	497	70	1 229	714
25 to 34 percent	9 178	598	300	139	371	1 017	213	50	1 590	155	2 773	1 972
35 percent or more	36 248	1 715	1 001	478	897	2 570	1 565	256	8 231	988	8 045	10 502
Not computed	4 373	28	113	64	161	381	259	65	860	67	1 183	1 192
\$5,000 to \$9,999	60 682	7 785	11 509	4 412	6 512	2 812	2 691	266	6 907	825	14 887	2 076
Less than 20 percent	29 712	3 417	5 601	2 254	3 756	1 111	1 307	101	2 544	359	8 275	987
20 to 24 percent	15 400	2 567	3 374	1 039	1 305	653	571	65	1 703	147	3 511	435
25 to 34 percent	11 364	1 474	1 995	779	971	633	592	53	1 828	196	2 424	419
35 percent or more	2 701	245	330	154	180	221	171	30	705	48	453	177
Not computed	1 505	82	209	186	7 803	1 247	1 323	105	1 127	75	194	58
\$10,000 to \$14,999	39 539	4 687	12 778	4 881	7 803	1 247	1 323	105	1 897	406	3 591	461
Less than 20 percent	34 547	4 422	11 191	4 017	6 759	1 053	1 119	88	1 614	362	3 547	375
20 to 24 percent	3 215	216	1 187	524	633	194	128	10	174	19	286	46
25 percent or more	929	34	296	163	151	42	53	-	58	14	94	24
Not computed	848	15	104	177	362	58	23	-	51	11	24	16
\$15,000 or more	16 364	570	4 080	2 426	5 473	851	595	78	722	280	1 023	266
Less than 20 percent	15 452	559	3 985	2 281	5 073	781	525	78	686	250	988	246
20 to 24 percent	278	-	46	53	22	10	7	-	24	6	19	5
25 percent or more	71	-	11	8								

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

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	258 857	24 956	72 698	42 559	45 899	33 443	20 422	11 162	7 718	3.2
BEDROOMS										
None and 1	6 735	3 014	2 920	348	287	73	60	-	33	1.6
2	68 169	13 151	33 694	11 947	6 287	1 708	871	323	188	2.1
3	134 041	6 893	29 415	25 136	31 106	23 314	11 696	4 354	2 127	3.7
4 or more	50 261	2 123	6 193	5 998	7 955	8 116	7 900	6 165	5 811	4.9
YEAR STRUCTURE BUILT										
1969 to March 1970	4 054	127	957	749	994	644	364	135	84	3.7
1965 to 1968	18 615	469	2 951	2 894	5 008	3 658	2 104	964	567	4.1
1960 to 1964	26 164	879	4 765	4 061	6 221	5 208	2 916	1 380	734	4.0
1950 to 1959	79 700	4 644	21 985	14 154	16 101	11 152	6 582	3 215	1 867	3.4
1940 to 1949	30 164	3 352	10 198	5 480	4 422	3 248	1 865	1 010	589	2.8
1939 or earlier	100 160	15 485	31 842	15 221	13 153	9 533	6 591	4 458	3 877	2.7
UNITS IN STRUCTURE										
1	217 437	16 403	58 369	36 055	40 384	30 478	18 786	10 008	6 954	3.4
2 or more	39 483	8 109	13 557	6 126	5 283	2 900	1 595	1 149	764	2.4
Mobile home or trailer	1 937	444	772	378	232	65	41	5	-	2.2
COMPLETE BATHROOMS										
1 and 1 1/2	217 964	21 845	63 918	36 765	38 683	27 122	16 036	8 468	5 127	3.1
2 and 2 1/2	32 919	1 636	6 628	4 629	6 116	5 458	3 856	2 482	2 114	4.1
3 or more	3 576	190	704	509	609	650	381	238	295	4.1
None or also used by another household	4 374	1 194	1 578	518	496	286	166	98	38	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	233 901	...	72 698	42 559	45 899	33 443	20 422	11 162	7 718	3.5
Male head, wife present, no nonrelatives	208 609	...	60 083	36 888	42 996	31 562	19 394	10 445	7 241	3.7
Under 25 years	2 317	...	738	920	414	168	38	29	10	3.0
25 to 34 years	32 276	...	2 769	5 030	10 741	7 826	3 789	1 464	657	4.3
35 to 44 years	54 153	...	2 782	4 569	13 213	13 421	10 067	5 847	4 254	5.0
45 to 64 years	93 195	...	32 821	22 297	17 580	9 825	5 367	3 031	2 274	3.1
65 years and over	26 668	...	20 973	4 072	1 048	322	133	74	46	2.1
Other male head	7 531	...	3 969	1 621	790	503	306	200	142	2.4
Under 65 years	5 567	...	2 658	1 187	670	465	289	170	128	2.6
65 years and over	1 964	...	1 311	434	120	38	17	30	14	2.2
Female head	17 761	...	8 646	4 050	2 113	1 378	722	517	335	2.6
Under 65 years	12 544	...	4 815	3 167	1 815	1 256	676	485	330	3.0
65 years and over	5 217	...	3 831	883	298	122	46	32	5	2.2
One-person households	24 956	24 956	...	...	...	...	...	...	...	1.9
VALUE-INCOME RATIO										
Specified owner occupied¹	208 305	15 427	55 497	34 458	39 050	29 672	18 033	9 593	6 575	3.5
Less than 1.5	64 604	1 097	14 081	13 484	13 308	9 686	6 305	3 804	2 839	3.8
1.5 to 1.9	48 910	1 243	11 845	8 451	10 150	8 238	4 984	2 441	1 558	3.8
2.0 to 2.4	33 914	1 162	8 063	5 327	7 585	5 768	3 233	1 716	1 060	3.8
2.5 to 2.9	18 812	1 126	5 382	2 950	3 739	2 656	1 694	762	503	3.5
3.0 to 3.9	16 315	1 718	5 973	2 126	2 595	1 994	1 084	450	375	2.7
4.0 or more	24 814	8 598	9 996	2 041	1 599	1 256	700	389	235	1.9
Not computed	936	483	157	79	74	74	33	31	5	1.5
Renter occupied housing units	173 821	51 969	51 318	28 657	20 049	10 682	5 592	3 413	2 141	2.2
BEDROOMS										
None	10 944	10 054	717	74	41	58	-	-	-	1.0
1	48 112	27 400	16 778	2 928	614	221	122	-	49	1.4
2	75 157	12 220	28 356	17 961	11 406	3 708	975	391	140	2.4
3 or more	39 476	1 859	6 205	6 921	8 238	6 983	4 525	2 850	1 895	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	4 390	1 108	1 745	740	502	162	98	29	6	2.1
1965 to 1968	17 570	5 545	6 087	2 637	1 843	898	365	125	70	2.0
1960 to 1964	15 864	4 758	5 350	2 651	1 710	804	328	176	87	2.1
1950 to 1959	23 095	6 248	7 155	4 287	2 848	1 461	666	302	128	2.2
1940 to 1949	17 442	4 743	5 278	3 020	2 382	981	584	287	167	2.3
1939 or earlier	95 460	29 567	25 703	15 322	10 764	6 376	3 551	2 494	1 683	2.2
UNITS IN STRUCTURE										
1	22 804	3 073	5 286	4 022	3 848	2 527	1 878	1 206	964	3.3
2	64 106	10 968	18 884	13 492	10 231	5 457	2 611	1 595	868	2.7
3 and 4	26 478	7 902	8 152	4 936	2 820	1 496	634	328	210	2.2
5 to 9	18 462	6 633	6 196	2 770	1 655	702	321	137	48	1.9
10 to 19	13 765	6 929	4 313	1 432	656	260	75	66	34	1.5
20 or more	28 068	16 440	8 435	1 975	817	235	68	81	17	1.4
Mobile home or trailer	138	24	52	30	22	5	5	-	-	2.4
COMPLETE BATHROOMS										
1 and 1 1/2	159 205	44 448	48 220	27 478	18 877	10 039	5 168	3 056	1 919	2.2
2 or more	4 180	697	1 146	800	575	312	223	283	144	2.8
None or also used by another household	10 460	6 968	1 730	616	475	292	140	153	86	1.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	121 852	...	51 318	28 657	20 049	10 682	5 592	3 413	2 141	2.8
Male head, wife present, no nonrelatives	90 184	...	35 119	21 268	16 085	8 685	4 474	2 742	1 811	3.0
Under 25 years	15 686	...	7 132	5 578	2 219	441	206	77	33	2.6
25 to 34 years	30 398	...	7 735	7 759	7 961	4 126	1 610	850	357	3.5
35 to 44 years	12 791	...	2 061	2 022	2 664	2 374	1 569	1 205	896	4.4
45 to 64 years	21 804	...	10 283	4 758	2 964	1 658	1 054	580	507	2.6
65 years and over	9 505	...	7 908	1 151	277	86	35	30	18	2.1
Other male head	7 681	...	4 448	1 778	911	302	99	82	61	2.4
Under 65 years	6 825	...	3 854	1 595	851	287	99	78	61	2.4
65 years and over	856	...	594	183	60	15	4	-	-	2.2
Female head	23 987	...	11 751	5 611	3 053	1 695	1 019	589	269	2.5
Under 65 years	21 133	...	9 510	5 158	2 958	1 649	1 006	583	269	2.7
65 years and over	2 854	...	2 241	453	95	46	13	6	-	2.1
One-person households	51 969	51 969	...	...	...	...	...	...	...	1.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	171 733	51 671	50 959	28 336	19 779	10 433	5 424	3 166	1 965	2.2
Less than 10 percent	13 615	3 003	4 320	2 684	1 748	866	523	248	223	2.4
10 to 14 percent	33 780	5 653	11 787	6 677	4 741	2 389	1 333	740	460	2.5
15 to 19 percent	34 339	7 159	10 466	6 497	5 115	2 665	1 228	750	459	2.5
20 to 24 percent	22 219	6 275	6 023	4 037	2 839	1 563	794	450	238	2.3
25 to 34 percent	21 418	7 691	6 475	2 904	2 062	1 015	595	384	292	2.0
35 percent or more	39 073	19 202	9 892	4 571	2 517	1 503	700	472	216	1.5
Not computed	7 289	2 688	1 996	966	757	432	251	122	77	2.0

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

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

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

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

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	1 696	451	686	559	Vacant for rent	7 761	4 604	2 088	1 069
ROOMS					ROOMS				
1 to 3 rooms	48	10	24	14	1 room	861	629	159	73
4 rooms	213	36	112	65	2 rooms	584	407	122	55
5 rooms	546	167	229	150	3 rooms	1 572	910	481	181
6 rooms	394	101	188	105	4 rooms	2 036	1 295	483	258
7 rooms or more	495	137	133	225	5 rooms	1 833	931	551	351
					6 rooms	656	320	220	116
					7 rooms or more	219	112	72	35
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	1 658	438	676	544	With all plumbing facilities	6 926	4 066	1 940	920
Lacking some or all plumbing facilities	38	13	10	15	Lacking some or all plumbing facilities	835	538	148	149
BEDROOMS					BEDROOMS				
None and 1	71	16	29	26	None	781	575	132	74
2	390	119	199	72	1	2 496	1 574	696	226
3	718	267	323	128	2	2 937	1 663	768	506
4 or more	375	47	129	199	3 or more	1 507	715	479	313
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	328	86	96	146	1969 to March 1970	1 112	605	421	86
1960 to 1968	243	65	96	82	1960 to 1968	1 278	981	225	72
1950 to 1959	235	90	86	59	1950 to 1959	543	386	91	66
1949 or earlier	890	210	408	272	1949 or earlier	4 828	2 632	1 351	845
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	1 252	355	439	458	1	781	369	239	173
2 or more	444	96	247	101	2 to 4	3 032	1 520	913	599
					5 to 9	1 087	717	283	87
					10 to 19	1 043	741	228	74
					20 or more	1 818	1 257	425	136
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	295	76	114	105	Specified vacant for rent?	7 716	4 575	2 076	1 065
Warm-air furnace	1 239	321	513	405	Less than \$50	551	331	97	123
Built-in electric units	19	10	5	4	\$50 to \$59	405	178	104	123
Floor, wall, or pipeless furnace	29	3	13	13	\$60 to \$79	1 525	811	488	226
Other means	110	41	41	28	\$80 to \$99	1 500	853	453	194
None	4	-	-	4	\$100 to \$119	576	508	139	129
					\$120 to \$149	977	697	184	96
					\$150 to \$199	1 295	881	340	74
					\$200 or more	687	316	271	100
SALES PRICE ASKED					Median rent asked	\$98	\$105	\$95	\$86
Specified vacant for sale	1 157	335	410	412					
Less than \$5,000	70	-	-	10					
\$5,000 to \$9,999	95	28	41	26					
\$10,000 to \$14,999	136	36	49	51					
\$15,000 to \$19,999	144	54	73	17					
\$20,000 to \$24,999	198	57	86	55					
\$25,000 to \$34,999	278	58	86	134					
\$35,000 to \$49,999	212	66	53	93					
\$50,000 or more	84	36	22	26					
Median price asked	\$24 900	\$24 300	\$22 400	\$28 500					

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

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

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

The SMSA	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	1 157	105	136	144	198	278	296	7 716	956	1 525	1 500	1 753	1 295	687
PLUMBING FACILITIES														
With all plumbing facilities	1 190	49	253	176	250	226	236	6 824	367	1 308	1 380	1 742	1 255	772
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	837	390	228	193	26	-	-
BEDROOMS														
None and 1	42	16	-	-	-	-	26	3 277	548	603	593	929	517	87
2	172	-	62	20	45	45	-	2 937	132	557	625	527	625	451
3	616	33	82	98	174	114	115	1 146	57	276	279	209	91	234
4 or more	360	-	109	58	31	67	95	301	-	100	76	103	22	-
YEAR STRUCTURE BUILT														
1969 to March 1970	298	5	-	9	56	107	121	1 112	12	7	12	110	547	424
1960 to 1968	187	5	3	10	46	56	67	1 273	29	58	38	489	491	168
1950 to 1959	212	9	12	33	57	62	39	538	28	48	85	269	89	19
1949 or earlier	460	86	121	92	39	53	69	4 793	887	1 412	1 365	885	168	76
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	736	67	159	213	180	67	50
2 to 4	...	...	...	...	...	...	...	3 032	352	864	865	712	154	85
5 to 19	...	...	...	...	...	...	...	2 130	380	318	252	430	555	195
20 or more	...	...	...	...	...	...	...	1 818	157	184	170	431	519	357
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	1 976	525	419	358	381	129	164
Some or no utilities included	...	...	...	...	...	...	...	5 740	431	1 106	1 142	1 372	1 166	523

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

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

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

The SMSA

	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	5 018	182	453	804	1 172	848	942	363	185	52	17	12 300
ROOMS												
1 and 2 rooms	6	-	-	-	-	-	6	-	-	-	-	...
3 rooms	27	6	-	11	-	-	-	4	6	-	-	...
4 rooms	221	11	50	34	41	31	38	6	10	-	-	10 900
5 rooms	988	52	92	175	164	156	215	105	24	5	-	12 700
6 rooms	1 485	42	145	226	366	228	326	93	50	9	-	12 300
7 rooms	1 037	36	80	185	226	181	159	90	47	28	5	12 400
8 rooms or more	1 254	35	86	173	375	252	198	65	48	10	-	12 400
Median	6.4	6.0	6.1	6.3	6.6	6.5	6.2	6.2	6.6	...	...	12 200
PERSONS												
1 person	237	37	24	42	46	53	18	17	-	-	-	10 800
2 persons	657	35	84	136	105	81	123	49	35	9	-	11 800
3 persons	697	21	59	124	158	73	133	83	29	5	12	12 300
4 persons	739	24	68	92	113	123	153	76	52	33	5	14 000
5 persons	745	15	40	82	208	155	145	61	39	-	-	12 900
6 persons or more	1 943	50	178	328	542	363	370	77	39	5	-	11 900
Median	4.7	3.4	4.4	4.6	5.3	5.1	4.8	3.9	4.0	...	...	...
Units with roomers, boarders, or lodgers	322	6	43	60	58	68	70	-	17	-	-	12 200
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	5 007	182	453	804	1 167	848	936	363	185	52	17	12 300
0.50 or less	1 596	74	161	295	337	214	252	147	80	24	12	12 000
0.51 to 1.00	2 624	83	194	336	620	538	547	174	99	28	5	12 900
1.01 to 1.50	684	20	68	151	183	89	131	42	-	-	-	11 400
1.51 or more	103	5	30	22	27	7	6	-	6	-	-	9 400
Lacking some or all plumbing facilities	11	-	-	-	5	7	6	-	-	-	-	...
0.50 or less	-	-	-	-	-	-	-	-	-	-	-	...
0.51 to 1.00	5	-	-	-	5	-	-	-	-	-	-	...
1.01 to 1.50	6	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	...
BEDROOMS												
None and 1	67	-	19	-	33	-	15	-	-	-	-	...
2	647	-	102	188	155	103	82	-	17	-	-	10 500
3	2 159	27	231	395	464	265	414	175	124	41	23	12 300
4 or more	2 146	67	208	344	577	472	385	58	35	-	-	12 000
YEAR STRUCTURE BUILT												
1969 to March 1970	45	-	-	-	-	-	22	14	9	-	-	...
1965 to 1968	90	-	-	-	5	6	6	16	35	10	12	...
1960 to 1964	189	-	-	-	-	21	28	70	45	20	5	23 300
1950 to 1959	469	-	4	27	39	68	166	109	42	14	-	18 500
1940 to 1949	712	9	17	103	138	163	216	47	11	8	-	13 900
1939 or earlier	3 513	173	432	674	990	590	504	107	43	-	-	11 200
COMPLETE BATHROOMS												
1 and 1 1/2	4 099	167	297	704	906	705	821	334	151	14	-	12 400
2 and 2 1/2	856	28	111	64	223	139	116	72	44	45	14	12 500
3 or more	35	-	-	-	15	7	13	-	-	-	-	...
None or also used by another household	42	12	-	6	8	7	7	-	-	-	-	...
HOUSEHOLD COMPOSITION												
Two-or-more-person households	4 781	145	429	762	1 126	795	924	346	185	52	17	12 300
Male head, wife present, no nonrelatives	3 691	110	305	504	804	604	810	308	182	47	17	13 000
Under 25 years	70	-	10	6	27	16	11	-	-	-	-	...
25 to 34 years	777	9	38	88	182	120	216	90	15	19	-	14 000
35 to 44 years	1 267	48	71	193	207	206	320	111	94	-	17	13 900
45 to 64 years	1 386	45	160	191	347	229	239	85	62	28	-	12 100
65 years and over	191	8	26	26	41	33	24	22	11	-	-	12 200
Other male head	182	-	39	27	53	29	23	6	5	-	-	11 300
Under 65 years	171	-	39	27	47	29	18	6	5	-	-	11 600
65 years and over	11	-	-	-	6	5	-	-	-	-	-	...
Female head	908	35	85	231	269	162	91	32	3	-	-	11 600
Under 65 years	861	18	79	231	259	154	85	32	3	-	-	11 600
65 years and over	47	17	6	-	10	8	6	-	-	-	-	...
One-person households	237	37	24	42	46	53	18	17	-	-	-	10 800
Under 65 years	183	16	20	28	40	50	12	17	-	-	-	11 700
65 years and over	54	21	4	14	6	3	6	-	-	-	-	...
INCOME IN 1969												
Less than \$2,000	420	29	38	104	93	83	55	12	6	-	-	11 000
\$2,000 to \$2,999	176	15	16	53	57	7	12	11	5	-	-	10 200
\$3,000 to \$3,999	267	3	48	71	55	46	22	17	5	-	-	10 500
\$4,000 to \$4,999	202	6	16	39	56	57	20	-	8	-	-	11 800
\$5,000 to \$5,999	153	5	18	13	61	25	25	6	-	-	-	11 700
\$6,000 to \$6,999	298	11	26	51	131	31	37	11	-	-	-	11 200
\$7,000 to \$9,999	1 076	42	129	223	257	219	140	54	5	-	7	11 400
\$10,000 to \$14,999	1 451	41	103	200	276	250	376	140	46	9	-	13 600
\$15,000 to \$24,999	866	30	56	45	177	118	235	102	93	10	-	15 100
\$25,000 or more	109	-	3	5	9	12	20	10	17	33	-	22 800
Median	\$9 800	\$8 600	\$8 500	\$8 000	\$8 600	\$9 400	\$12 100	\$12 500	\$16 900	...	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 206	33	29	150	352	239	241	80	54	28	-	12 900
1968	714	27	41	129	162	124	123	51	28	15	14	12 500
1967	562	-	51	131	120	116	47	76	21	-	-	12 100
1965 and 1966	784	19	74	89	131	136	229	57	43	6	-	14 000
1960 to 1964	910	47	115	110	147	135	211	99	41	5	-	13 200
1950 to 1959	698	59	82	153	195	82	79	43	-	5	-	10 700
1949 or earlier	158	22	16	12	45	28	27	-	8	-	-	11 600
HEATING EQUIPMENT												
Steam or hot water	648	35	54	164	132	84	98	33	34	9	5	11 300
Warm-air furnace	3 361	113	298	412	801	606	681	270	130	38	12	12 700
Built-in electric units	61	-	4	15	23	-	8	6	-	-	-	...
Floor, wall, or pipeless furnace	97	-	-	35	28	11	19	-	-	5	-	...
Other means	846	34	97	178	183	147	136	50	21	-	-	11 600
None	5	-	-	-	5	-	-	-	-	-	-	...
AIR CONDITIONING												
Room unit(s)	739	32	24	94	114	111	221	99	33	11	-	14 900
Central system	180	17	8	8	48	33	43	11	6	6	-	13 200
None	4 113	158	376	672	990	716	693	296	156	42	14	12 100

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

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

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

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	18 326	554	669	823	1 055	4 436	5 214	4 110	1 134	163	26	142	106
ROOMS													
1 room	313	53	37	92	37	48	21	13	12	-	-	-	67
2 rooms	617	95	38	104	90	149	73	57	11	-	-	-	78
3 rooms	2 158	258	108	169	295	649	339	229	90	10	-	11	88
4 rooms	4 039	106	252	225	232	1 376	1 111	508	158	21	15	35	97
5 rooms	7 248	32	215	152	284	1 625	2 498	1 890	433	57	6	56	110
6 rooms	2 757	-	19	70	87	458	877	942	239	42	-	23	117
7 rooms	871	10	-	11	30	100	202	365	118	24	-	11	126
8 rooms or more	323	-	-	-	-	31	93	106	73	9	5	6	130
Median	4.8	3.0	4.1	3.7	4.0	4.5	4.9	5.2	5.2	5.4	...	4.9	...
PERSONS													
1 person	3 693	410	190	387	394	1 017	742	377	95	36	11	34	90
2 persons	4 060	98	168	193	284	1 117	1 274	669	198	15	5	39	102
3 persons	3 173	20	122	110	133	829	925	778	205	12	-	39	108
4 persons	2 593	22	73	33	96	555	872	730	157	42	5	6	112
5 persons	1 846	4	64	18	49	411	554	563	148	26	5	4	114
6 persons or more	2 961	-	52	82	99	507	847	993	331	32	-	18	117
Median	3.0	1.2	2.4	1.6	2.0	2.6	3.1	3.8	3.9	3.9	...	2.4	...
Units with roomers, boarders, or lodgers	877	8	4	35	49	174	277	235	80	8	-	7	112
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	17 725	472	613	665	970	4 355	5 141	4 069	1 128	158	26	128	107
0.50 or less	6 891	371	233	354	498	1 869	1 971	1 178	269	48	21	79	101
0.51 to 1.00	8 334	95	316	231	354	1 946	2 451	2 160	653	86	-	42	110
1.01 to 1.50	1 931	6	59	75	75	388	549	578	184	5	5	7	113
1.51 or more	569	-	5	5	43	152	170	153	22	19	-	-	109
Lacking some or all plumbing facilities	601	82	54	158	85	81	73	41	6	5	-	14	76
0.50 or less	301	41	50	70	43	47	22	14	-	5	-	9	68
0.51 to 1.00	235	41	6	82	28	23	22	27	6	-	-	-	69
1.01 to 1.50	35	-	-	-	7	6	22	-	-	-	-	-	-
1.51 or more	30	-	-	6	7	5	7	-	-	-	-	5	-
BEDROOMS													
None	305	82	18	22	85	35	17	-	46	-	-	-	-
1	3 773	190	190	254	483	1 384	739	382	133	-	-	18	93
2	8 538	110	348	211	199	2 503	2 728	1 920	303	85	21	110	106
3 or more	5 674	27	131	90	189	1 199	1 632	1 684	627	43	-	52	114
YEAR STRUCTURE BUILT													
1969 to March 1970	142	49	5	-	8	5	-	9	37	29	-	-	133
1965 to 1968	473	102	19	34	20	38	42	60	104	48	6	-	111
1960 to 1964	468	106	54	9	31	50	80	60	69	4	5	-	95
1950 to 1959	1 156	66	189	54	51	257	225	235	70	4	-	5	97
1940 to 1949	2 306	78	118	124	132	543	629	540	116	14	-	12	105
1939 or earlier	13 781	153	284	602	813	3 543	4 238	3 206	738	64	15	125	107
ELEVATOR IN STRUCTURE													
4 floors or more	606	137	94	-	42	122	66	36	67	21	21	-	90
With elevator	475	137	72	-	42	99	21	18	44	21	21	-	77
Walk-up	131	-	22	-	-	23	45	18	23	-	-	-	-
1 to 3 floors	17 684	272	593	577	914	4 999	5 050	3 950	1 042	107	-	180	106
COMPLETE BATHROOMS													
1 and 1 1/2	17 086	490	591	681	984	3 993	5 045	3 962	1 066	150	22	102	107
2 or more	423	9	16	-	24	60	92	124	64	26	8	-	123
None or also used by another household	815	85	47	203	92	145	128	61	25	8	-	21	77
INCOME IN 1969													
Less than \$2,000	3 543	340	265	265	305	940	738	497	130	33	-	30	93
\$2,000 to \$2,999	2 053	109	140	98	163	530	502	399	86	5	-	21	99
\$3,000 to \$3,999	1 553	31	116	95	127	328	391	395	45	9	-	16	104
\$4,000 to \$4,999	1 445	16	45	100	125	354	395	349	50	5	-	6	104
\$5,000 to \$5,999	1 510	5	51	50	113	491	451	262	75	-	5	7	102
\$6,000 to \$6,999	1 388	22	5	54	57	414	435	290	98	-	-	13	106
\$7,000 to \$9,999	3 421	16	28	85	119	771	1 272	785	281	42	-	22	111
\$10,000 to \$14,999	2 633	15	-	76	42	512	824	868	252	18	5	21	116
\$15,000 to \$24,999	682	-	13	-	4	80	189	247	101	42	-	6	126
\$25,000 or more	98	-	6	-	16	17	18	16	9	9	16	-	-
Median	\$5 400	\$2000-	\$2 500	\$3 500	\$3 500	\$5 100	\$6 300	\$6 500	\$7 900	\$9 100	...	\$4 700	...
YEAR MOVED INTO UNIT													
1969 to March 1970	7 087	192	217	314	264	1 590	2 018	1 658	662	124	14	34	109
1968	3 262	91	69	143	198	839	942	806	149	7	-	18	106
1967	1 890	81	58	106	107	453	581	391	110	10	-	13	105
1965 and 1966	2 417	100	63	107	257	514	689	517	127	13	16	14	105
1960 to 1964	2 213	50	156	113	154	478	637	502	75	17	-	31	104
1950 to 1959	1 266	70	91	93	120	286	333	227	24	7	-	13	98
1949 or earlier	189	-	-	8	-	58	65	46	6	6	-	-	109
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 086	52	47	120	57	337	279	164	20	5	5	...	96
10 to 14 percent	3 181	27	78	124	142	865	1 056	723	138	17	11	...	107
15 to 19 percent	3 206	57	96	111	177	762	1 059	734	174	36	-	...	108
20 to 24 percent	2 104	56	87	64	137	495	601	423	236	5	-	...	107
25 to 34 percent	2 192	90	106	123	131	372	625	531	176	33	5	...	109
35 percent or more	5 842	240	230	249	374	1 458	1 494	1 391	334	67	5	...	105
Not computed	715	32	25	32	37	147	100	144	56	-	-	142	103
AIR CONDITIONING													
Room unit(s)	1 049	35	27	28	53	82	304	284	150	57	15	14	119
Central system	254	15	-	6	-	69	10	43	79	32	-	-	139
None	17 021	534	627	850	1 047	4 047	4 951	3 820	926	95	15	109	105

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

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

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	9 210		30	138	590	3 100	2 461	1 340	1 551	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	9 122		18	141	566	3 155	2 434	1 202	1 606	5.8
PERSONS										
1 person	659		4	42	113	302	92	62	44	5.1
2 persons	1 636		12	45	238	798	336	147	60	5.2
3 persons	1 399		12	21	54	656	376	129	151	5.4
4 persons	1 367			8	81	522	371	181	204	5.7
5 persons	1 159		2		26	317	446	189	179	6.0
6 persons or more	2 990			22	78	505	840	632	913	6.6
Median	4.2			2.1	2.3	3.2	4.6	5.3	6.3	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	9 175		24	138	581	3 090	2 461	1 340	1 541	5.8
0.50 or less	3 154		4	42	342	1 090	804	338	534	5.6
0.51 to 1.00	4 531		12	66	135	1 495	1 202	802	819	6.0
1.01 to 1.50	1 264		6	8	60	424	418	177	171	5.8
1.51 or more	226		2	22	44	81	37	23	17	5.1
Lacking some or all plumbing facilities	35		6		9	10			10	...
0.50 or less	24				9	10			5	...
0.51 to 1.00	5								5	...
1.01 to 1.50	6									...
1.51 or more										...
BEDROOMS										
None and 1	326		39	109	94	69			15	...
2	2 606			22	457	1 801	262	39	25	5.0
3	3 456				37	935	1 795	560	129	5.9
4 or more	2 698					59	404	990	1 245	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	53					19	17	17		...
1960 to 1968	313					77	85	84	62	6.4
1950 to 1959	629			4	68	223	186	81	67	5.6
1949 or earlier	8 215		30	134	517	2 781	2 173	1 158	1 422	5.8
COMPLETE BATHROOMS										
1 and 1 1/2	7 704		15	128	541	2 907	2 294	1 028	791	5.6
2 or more	1 456		3	13	32	248	148	197	815	7.5+
None or also used by another household	88		7		21	24	4	8	24	...
VALUE-INCOME RATIO										
Specified owner occupied¹	5 018		6	27	221	988	1 485	1 037	1 254	6.4
Less than 1.5	2 751			17	105	502	885	556	686	6.3
1.5 to 1.9	822			6	32	169	248	146	221	6.3
2.0 to 2.9	579				9	137	145	133	155	6.5
3.0 or more	781		6		66	152	186	195	176	6.4
Not computed	85			4	9	28	21	7	16	...
Renter occupied housing units	18 509	313	622	2 172	4 080	7 293	2 801	890	338	4.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	17 465	174	422	2 045	3 798	7 072	2 797	823	334	4.8
PERSONS										
1 person	3 719	246	441	1 033	1 035	766	160	19	19	3.6
2 persons	4 087	49	126	659	1 178	1 595	375	94	11	4.5
3 persons	3 189	14	5	314	908	1 491	365	88	4	4.7
4 persons	2 618		34	94	561	1 377	419	91	42	5.0
5 persons	1 859	4	5	26	210	917	531	135	31	5.2
6 persons or more	3 037		11	46	188	1 147	951	463	231	5.6
Median	3.0	1.1	1.2	1.6	2.4	3.4	4.7	5.8	6.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	17 890	178	464	2 044	3 975	7 226	2 795	870	338	4.8
0.50 or less	6 934		309	961	2 142	2 340	900	191	91	4.5
0.51 to 1.00	8 398	124	112	936	1 442	3 754	1 344	478	208	4.9
1.01 to 1.50	1 976		5	75	324	943	477	128	24	5.1
1.51 or more	582	54	38	72	67	189	74	73	15	4.8
Lacking some or all plumbing facilities	619	135	158	128	105	67	6	20	—	2.6
0.50 or less	306		132	72	71	21		10		2.8
0.51 to 1.00	241	122	14	37	27	31		10		1.5
1.01 to 1.50	42			19	7	10				...
1.51 or more	30	13	12			5				...
BEDROOMS										
None	305	265	23	17						...
1	3 793		528	2 035	1 086	115	29			3.2
2	8 603			186	3 041	4 940	436			4.7
3 or more	5 789				114	2 312	2 163	885	315	5.7
YEAR STRUCTURE BUILT										
1969 to March 1970	145	5		66	29	32	13			3.6
1960 to 1968	977	31	120	318	151	155	118	78	6	3.6
1950 to 1959	1 170	26	45	146	380	420	127	9	17	4.5
1949 or earlier	16 217	251	457	1 642	3 520	6 686	2 543	803	315	4.8
COMPLETE BATHROOMS										
1 and 1 1/2	17 235	179	446	2 024	3 766	7 029	2 759	785	247	4.8
2 or more	436	8		28	85	108	75	45	87	5.4
None or also used by another household	837	144	178	112	147	158	47	51		3.4
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	18 326	313	617	2 158	4 039	7 248	2 757	871	323	4.8
Less than 10 percent	1 086	34	52	119	242	403	155	47	34	4.7
10 to 14 percent	3 181	63	71	249	603	1 484	530	119	62	4.9
15 to 19 percent	3 206	36	46	256	668	1 431	532	183	54	4.9
20 to 24 percent	2 104	36	47	250	542	789	355	64	21	4.7
25 to 34 percent	2 192	50	74	289	485	762	329	165	38	4.8
35 percent or more	5 842	83	287	882	1 303	2 119	793	267	108	4.7
Not computed	715	11	40	113	196	260	63	26	6	4.5

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

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

Table 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]

Milwaukee					Milwaukee				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	854	220	420	214	Vacant for rent	5 759	3 498	1 479	782
ROOMS					ROOMS				
1 to 3 rooms	25	5	16	4	1 room	778	566	145	67
4 rooms	148	17	99	32	2 rooms	498	383	91	24
5 rooms	367	104	172	91	3 rooms	1 097	661	299	137
6 rooms	191	60	95	36	4 rooms	1 329	842	304	183
7 rooms or more	123	34	38	51	5 rooms	1 365	713	392	260
					6 rooms	553	268	200	85
					7 rooms or more	139	65	48	26
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	840	220	410	210	With all plumbing facilities	5 039	3 003	1 372	664
Lacking some or all plumbing facilities	14	-	10	4	Lacking some or all plumbing facilities	720	495	107	118
BEDROOMS					BEDROOMS				
None and 1	45	16	29	-	None	680	500	132	48
2	274	75	199	-	1	1 689	1 132	442	115
3	367	133	188	46	2	2 121	1 211	497	413
4 or more	200	34	85	81	3 or more	1 155	576	384	195
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	40	11	4	25	1969 to March 1970	381	209	150	22
1960 to 1968	98	18	60	20	1960 to 1968	803	631	131	41
1950 to 1959	99	49	44	6	1950 to 1959	370	268	59	43
1949 or earlier	617	142	312	163	1949 or earlier	4 205	2 390	1 139	676
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	465	148	194	123	1	508	242	162	104
2 or more	389	72	226	91	2 to 4	2 503	1 264	745	494
					5 to 9	776	546	163	67
					10 to 19	580	452	90	38
					20 or more	1 392	994	319	79
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	140	25	82	33	Specified vacant for rent²	5 743	3 494	1 471	778
Warm-air furnace	616	172	289	155	Less than \$50	514	308	83	123
Built-in electric units	5	-	5	-	\$50 to \$59	347	159	97	91
Floor, wall, or pipeless furnace	11	3	8	-	\$60 to \$79	1 409	767	435	207
Other means	78	20	36	22	\$80 to \$99	1 304	777	370	157
None	4	-	-	4	\$100 to \$119	614	412	107	95
					\$120 to \$149	649	480	115	54
					\$150 to \$199	582	441	120	21
					\$200 or more	324	150	144	30
					Median rent asked	\$89	\$93	\$87	\$77
SALES PRICE ASKED									
Specified vacant for sale¹	419	139	176	104					
Less than \$5,000	4	-	-	4					
\$5,000 to \$9,999	75	23	36	16					
\$10,000 to \$14,999	98	22	42	34					
\$15,000 to \$19,999	93	41	43	9					
\$20,000 to \$24,999	69	27	33	9					
\$25,000 to \$34,999	73	19	22	32					
\$35,000 to \$49,999	7	7	-	-					
\$50,000 or more	-	-	-	-					
Median price asked	\$16 700	\$18 000	\$16 200	\$14 700					

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

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

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

Milwaukee	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	419	79	98	93	69	73	7	5 743	861	1 409	1 304	1 263	582	324
PLUMBING FACILITIES														
With all plumbing facilities	534	49	194	137	113	41	-	4 957	344	1 173	1 306	1 219	474	441
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	688	344	212	132	-	-	-
BEDROOMS														
None and 1	16	16	-	-	-	-	-	2 369	496	548	548	524	178	75
2	68	-	15	20	33	-	-	2 121	152	526	557	437	231	218
3	265	33	82	72	49	29	-	916	40	233	257	173	65	148
4 or more	185	-	97	45	31	12	-	239	-	78	76	85	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	33	-	-	5	4	24	-	381	8	7	4	52	173	137
1960 to 1968	48	-	-	7	12	29	-	803	26	48	28	327	255	119
1950 to 1959	82	9	8	33	30	2	-	370	15	42	54	187	59	13
1949 or earlier	256	70	90	48	23	18	7	4 189	812	1 312	1 218	697	95	55
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	492	57	140	169	114	9	3
2 to 4 .....	...	...	...	...	...	...	...	2 503	315	797	756	519	95	21
5 to 19 .....	...	...	...	...	...	...	...	1 356	348	291	215	278	168	56
20 or more .....	...	...	...	...	...	...	...	1 392	141	181	164	352	310	244
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	1 715	475	400	337	318	88	97
Some or no utilities included .....	...	...	...	...	...	...	...	4 028	386	1 009	967	945	494	227

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

Table B—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]

Milwaukee	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	9 061		30	138	573	3 069	2 425	1 297	1 529	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	8 975		18	141	551	3 118	2 399	1 168	1 580	5.8
PERSONS										
1 person	659		4	42	113	302	92	62	44	5.1
2 persons	1 590		12	45	227	783	326	137	60	5.2
3 persons	1 367		12	21	54	651	370	120	139	5.4
4 persons	1 323			8	81	522	356	162	194	5.6
5 persons	1 154		2		26	312	446	189	179	6.0
6 persons or more	2 968			22	72	499	835	627	913	6.6
Median	4.2			2.1	2.3	3.2	4.7	5.4	6.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	9 026		24	138	564	3 059	2 425	1 297	1 519	5.8
0.50 or less	3 071		4	42	331	1 075	788	319	512	5.6
0.51 to 1.00	4 482		12	66	135	1 485	1 187	778	819	6.0
1.01 to 1.50	1 258		6	8	60	418	418	177	171	5.8
1.51 or more	215		2	22	38	81	32	23	17	5.1
Lacking some or all plumbing facilities	35		6		9	10			10	...
0.50 or less	24				9	10			5	...
0.51 to 1.00	5								5	...
1.01 to 1.50	6									...
1.51 or more										...
BEDROOMS										
None and 1	326		39	109	94	69			15	...
2	2 589			22	440	1 801	262	39	25	5.0
3	3 309				37	912	1 753	478	129	5.9
4 or more	2 698					59	404	990	1 245	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	53					19	17	17		...
1960 to 1968	247				5	72	75	55	60	6.1
1950 to 1959	599			4	68	214	175	71	67	5.8
1949 or earlier	8 162		30	134	500	2 764	2 158	1 154	1 422	5.8
COMPLETE BATHROOMS										
1 and 1 1/2	7 609		15	128	533	2 877	2 265	1 006	785	5.6
2 or more	1 404		3	13	25	241	142	185	795	7.5+
None or also used by another household	88		7		21	24	4	8	24	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	4 885		6	27	210	957	1 459	994	1 222	6.4
Less than 1.5	2 707			17	105	496	870	533	686	6.3
1.5 to 1.9	807			6	32	165	248	140	216	6.3
2.0 to 2.9	543				9	121	139	124	150	6.5
3.0 or more	743		6		55	147	181	190	164	6.4
Not computed	85			4	9	28	21	7	16	...
Renter occupied housing units	18 455	313	622	2 172	4 065	7 259	2 796	890	338	4.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	17 416	174	422	2 045	3 791	7 035	2 792	823	334	4.8
PERSONS										
1 person	3 710	246	441	1 033	1 031	761	160	19	19	3.6
2 persons	4 082	49	126	659	1 178	1 590	375	94	11	4.5
3 persons	3 178	14	5	314	902	1 486	365	88	4	4.7
4 persons	2 599		34	94	561	1 358	419	91	42	4.9
5 persons	1 849	4	5	26	205	917	526	135	31	5.2
6 persons or more	3 037		11	46	188	1 147	951	463	231	5.6
Median	3.0	1.1	1.2	1.6	2.4	3.4	4.7	5.8	6.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	17 840	178	464	2 044	3 964	7 192	2 790	870	338	4.8
0.50 or less	6 924		309	961	2 142	2 330	900	191	91	4.5
0.51 to 1.00	8 363	124	112	936	1 436	3 730	1 339	478	208	4.9
1.01 to 1.50	1 971		5	75	319	943	477	128	24	5.1
1.51 or more	582	54	38	72	67	189	74	73	15	4.8
Lacking some or all plumbing facilities	615	135	158	128	101	67	6	20		2.8
0.50 or less	302		132	72	67	21		10		1.5
0.51 to 1.00	241	122	14	37	27	31		10		...
1.01 to 1.50	42			19	7	10	6			...
1.51 or more	30	13	12			5				...
BEDROOMS										
None	305	265	23	17						...
1	3 793		528	2 035	1 084	115	29			3.2
2	8 560			186	3 020	4 918	436			4.7
3 or more	5 789				114	2 312	2 163	885	315	5.7
YEAR STRUCTURE BUILT										
1969 to March 1970	126	5		66	29	13	13			3.4
1960 to 1968	957	31	120	318	146	140	118	78	6	3.6
1950 to 1959	1 170	26	45	146	380	420	127	9	17	4.5
1949 or earlier	16 202	251	457	1 642	3 510	6 686	2 538	803	315	4.8
COMPLETE BATHROOMS										
1 and 1 1/2	17 206	179	446	2 024	3 759	7 012	2 754	785	247	4.8
2 or more	416	8		28	85	88	75	45	87	5.5
None or also used by another household	631	144	178	112	141	158	47	51		3.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	18 275	313	617	2 158	4 024	7 217	2 732	871	321	4.8
Less than 10 percent	1 086	34	52	119	242	403	155	47	34	4.7
10 to 14 percent	3 177	63	71	249	603	1 480	530	119	62	4.9
15 to 19 percent	3 190	36	46	256	668	1 420	527	183	54	4.9
20 to 24 percent	2 093	36	47	250	536	784	355	64	21	4.7
25 to 34 percent	2 186	50	74	289	485	756	329	165	38	4.8
35 percent or more	5 832	83	287	882	1 298	2 114	793	267	108	4.7
Not computed	711	11	40	113	192	260	63	26	6	4.5

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

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

Table C-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]

Wauwatosa	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	13 343	-	9	94	936	3 380	4 236	2 681	2 007	6.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 206	-	5	67	910	3 251	4 428	2 565	1 980	6.0
PERSONS										
1 person	1 404	-	4	29	215	451	402	179	124	5.5
2 persons	4 482	-	5	54	550	1 466	1 399	669	339	5.6
3 persons	2 153	-	-	-	130	562	752	451	258	6.0
4 persons	2 182	-	-	11	26	518	837	548	242	6.1
5 persons	1 611	-	-	-	15	240	503	443	410	6.6
6 persons or more	1 511	-	-	-	-	143	343	391	634	7.2
Median	2.9	-	...	...	2.0	2.3	2.9	3.6	4.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	13 234	-	9	89	925	3 350	4 199	2 670	1 992	6.0
0.50 or less	7 591	-	4	29	760	1 897	2 522	1 288	1 091	5.9
0.51 to 1.00	5 236	-	5	54	150	1 315	1 536	1 318	858	6.2
1.01 to 1.50	386	-	-	6	15	128	135	59	43	5.8
1.51 or more	21	-	-	-	-	10	6	5	-	...
Lacking some or all plumbing facilities	109	-	-	5	11	30	37	11	15	5.7
0.50 or less	82	-	-	-	-	20	6	-	-	...
0.51 to 1.00	17	-	-	-	-	5	-	-	-	...
1.01 to 1.50	10	-	-	5	-	5	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	227	1	20	115	76	16	-	-	-	...
2	3 284	-	-	16	881	1 917	428	42	-	4.9
3	7 133	-	-	-	16	1 758	2 872	1 909	578	6.1
4 or more	2 857	-	-	-	-	22	219	1 036	1 580	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	63	-	-	-	-	13	15	31	4	...
1960 to 1968	1 320	-	4	-	42	334	329	255	356	6.4
1950 to 1959	4 265	-	5	30	481	1 438	1 435	605	271	5.6
1949 or earlier	7 695	-	-	64	413	1 595	2 457	1 790	1 376	6.2
COMPLETE BATHROOMS										
1 and 1 1/2	10 945	-	5	67	879	3 071	3 895	2 021	1 007	5.9
2 or more	2 278	-	-	-	40	188	533	544	973	7.2
None or also used by another household	104	-	-	-	14	21	35	14	20	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	11 906	-	5	53	702	2 706	3 882	2 594	1 964	6.1
Less than 1.5	2 948	-	-	10	121	552	935	796	534	6.3
1.5 to 1.9	2 682	-	-	6	123	652	994	480	427	6.1
2.0 to 2.9	3 348	-	5	10	157	778	1 034	794	570	6.2
3.0 or more	2 889	-	-	27	301	705	904	524	428	6.0
Not computed	39	-	-	-	-	19	15	-	5	...
Renter occupied housing units	4 588	95	117	598	1 454	1 651	450	149	74	4.5
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 489	32	88	631	1 452	1 639	430	144	73	4.5
PERSONS										
1 person	1 468	89	101	452	540	229	47	5	5	3.7
2 persons	1 512	6	16	115	579	607	142	43	4	4.6
3 persons	752	-	-	31	208	403	81	10	19	4.8
4 persons	526	-	-	-	113	272	89	33	19	5.1
5 persons	153	-	-	-	9	68	47	24	5	5.5
6 persons or more	177	-	-	-	5	72	44	34	22	5.8
Median	2.0	...	1.1	1.2	1.8	2.5	2.9	4.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	4 519	75	113	581	1 440	1 643	444	149	74	4.5
0.50 or less	2 842	-	97	435	1 109	832	264	58	47	4.3
0.51 to 1.00	1 571	69	16	146	317	739	171	86	27	4.8
1.01 to 1.50	94	-	-	-	14	66	9	5	-	...
1.51 or more	12	-	-	-	-	6	-	-	-	...
Lacking some or all plumbing facilities	69	20	4	17	14	8	6	-	-	...
0.50 or less	41	-	4	17	10	4	6	-	-	...
0.51 to 1.00	28	20	-	-	4	4	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None	236	101	95	40	-	-	-	-	-	...
1	830	-	104	414	240	72	-	-	-	3.3
2	2 235	-	-	-	928	1 236	71	-	-	4.7
3 or more	1 110	-	-	-	48	401	419	152	90	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	282	-	6	87	64	97	21	7	-	4.3
1960 to 1968	795	-	14	99	334	270	57	4	17	4.4
1950 to 1959	768	5	38	119	351	192	47	11	5	4.1
1949 or earlier	2 743	90	59	293	705	1 092	325	127	52	4.7
COMPLETE BATHROOMS										
1 and 1 1/2	4 357	65	88	631	1 440	1 581	401	114	37	4.5
2 or more	184	11	-	-	20	58	29	30	36	5.6
None or also used by another household	61	12	-	7	24	11	7	-	-	...
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	4 553	95	112	598	1 454	1 646	434	149	65	4.5
Less than 10 percent	358	43	20	34	80	132	33	12	4	4.5
10 to 14 percent	801	11	10	63	250	345	78	25	19	4.7
15 to 19 percent	924	4	24	72	304	387	100	25	8	4.6
20 to 24 percent	642	14	5	92	189	246	63	33	-	4.6
25 to 34 percent	565	-	14	87	170	214	63	17	-	4.1
35 percent or more	1 028	23	34	216	420	255	56	10	14	4.1
Not computed	235	-	5	34	41	67	41	27	20	5.1

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

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

Table C-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]

Wauwatosa					Wauwatosa				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	47	17	7	23	Vacant for rent	282	57	190	35
ROOMS					ROOMS				
1 to 3 rooms	—	—	—	—	1 room	—	—	—	—
4 rooms	3	—	—	—	2 rooms	—	—	—	—
5 rooms	10	5	3	5	3 rooms	81	8	73	—
6 rooms	7	7	—	—	4 rooms	93	30	63	—
7 rooms or more	27	5	4	18	5 rooms	97	11	51	35
					6 rooms	3	3	—	—
					7 rooms or more	8	5	3	—
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	47	17	7	23	With all plumbing facilities	282	57	190	35
Lacking some or all plumbing facilities	—	—	—	—	Lacking some or all plumbing facilities	—	—	—	—
BEDROOMS					BEDROOMS				
None and 1	—	—	—	—	None	—	—	—	—
2	19	19	—	—	1	91	13	78	—
3	13	13	—	—	2	151	18	94	39
4 or more	12	—	12	—	3 or more	13	—	13	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	4	—	4	—	1969 to March 1970	172	—	137	35
1960 to 1968	5	—	—	5	1960 to 1968	36	20	16	—
1950 to 1959	14	9	—	5	1950 to 1959	26	15	11	—
1949 or earlier	24	8	3	13	1949 or earlier	48	22	26	—
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	47	17	7	23	1	20	10	10	—
2 or more	—	—	—	—	2 to 4	70	31	39	—
					5 to 9	62	13	49	—
					10 to 19	77	—	77	—
					20 or more	53	3	15	35
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	13	—	—	13	Specified vacant for sale¹	47	17	7	23
Warm-air furnace	27	10	7	10	Less than \$5,000	—	—	—	—
Built-in electric units	7	7	—	—	\$5,000 to \$9,999	—	—	—	—
Floor, wall, or pipeless furnace	—	—	—	—	\$10,000 to \$14,999	—	—	—	—
Other means	—	—	—	—	\$15,000 to \$19,999	—	—	—	—
None	—	—	—	—	\$20,000 to \$24,999	5	—	5	—
					\$25,000 to \$34,999	17	5	7	5
					\$35,000 to \$49,999	25	12	—	13
					\$50,000 or more	—	—	—	—
					Median price asked	—	—	—	—
					Specified vacant for rent²	275	50	190	35
					Less than \$50	5	—	5	—
					\$50 to \$59	—	—	—	—
					\$60 to \$79	5	5	—	—
					\$80 to \$99	6	—	6	—
					\$100 to \$119	6	6	—	—
					\$120 to \$149	24	11	13	—
					\$150 to \$199	122	23	99	—
					\$200 or more	107	5	67	35
					Median rent asked	\$188	—	\$186	—

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

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

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

Wauwatosa	Sales price asked—Vacant for sale ¹						Rent asked—Vacant for rent ²							
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more	
Total	47	—	—	—	5	17	25	275	5	5	6	30	122	107
PLUMBING FACILITIES														
With all plumbing facilities	44	—	—	—	—	31	13	255	—	—	—	31	110	114
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	91	—	—	—	—	91	—
2	19	—	—	—	—	19	—	151	—	—	18	19	114	—
3	13	—	—	—	—	—	13	13	—	—	13	—	—	—
4 or more	12	—	—	—	—	12	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	4	—	—	—	—	4	—	172	—	—	—	—	73	99
1960 to 1968	5	—	—	—	—	5	—	36	—	—	—	31	5	—
1950 to 1959	14	—	—	—	5	2	7	26	—	—	17	9	—	—
1949 or earlier	24	—	—	—	—	6	18	41	5	5	6	13	9	3
UNITS IN STRUCTURE														
1	—	—	—	—	—	—	—	13	—	—	—	7	3	3
2 to 4	—	—	—	—	—	—	—	70	5	5	6	23	14	17
5 to 19	—	—	—	—	—	—	—	139	—	—	—	—	102	37
20 or more	—	—	—	—	—	—	—	53	—	—	—	—	3	50
INCLUSION OF UTILITIES IN RENT														
All utilities included	—	—	—	—	—	—	—	5	5	—	—	—	—	—
Some or no utilities included	—	—	—	—	—	—	—	270	—	5	6	30	122	107

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

Table D-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]

West Allis		Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units		15 488	6	27	277	2 799	5 973	3 895	1 635	876	5.1
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		15 291	7	-	268	2 756	5 963	3 852	1 623	822	5.3
PERSONS											
1 person	1 788	-	17	126	605	702	238	63	37	4.7	
2 persons	4 864	6	10	136	1 390	1 951	1 003	269	99	5.0	
3 persons	2 675	-	-	5	465	1 099	688	286	132	5.3	
4 persons	2 513	-	-	10	228	1 112	738	330	95	5.4	
5 persons	1 725	-	-	-	64	609	559	327	166	5.8	
6 persons or more	1 923	-	-	-	47	500	669	360	347	6.1	
Median	2.9	-	-	1.6	2.1	2.8	3.5	4.1	5.0	...	
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		15 366	6	20	262	2 773	5 936	3 886	1 616	867	5.3
0.50 or less		7 671	-	10	111	1 975	2 620	1 929	604	422	5.2
0.51 to 1.00		6 697	-	10	141	687	2 816	1 665	972	406	5.4
1.01 to 1.50		926	-	-	10	105	470	268	40	33	5.2
1.51 or more		72	6	-	-	6	30	24	-	6	...
Lacking some or all plumbing facilities		122	-	7	15	26	37	9	19	9	4.9
0.50 or less		89	-	7	15	20	33	-	14	-	...
0.51 to 1.00		33	-	-	-	6	4	9	-	9	...
1.01 to 1.50		-	-	-	-	-	-	-	-	-	...
1.51 or more		-	-	-	-	-	-	-	-	-	...
BEDROOMS											
None and 1	501	-	55	196	191	39	20	-	-	-	3.5
2	5 674	-	-	91	2 444	2 756	274	68	41	4.6	
3	6 749	-	-	-	-	2 931	2 900	696	222	5.7	
4 or more	2 469	-	-	-	-	21	762	929	757	7.0	
YEAR STRUCTURE BUILT											
1969 to March 1970	120	-	-	-	50	13	19	19	19	5.3	
1960 to 1968	1 734	-	10	67	295	548	350	242	222	5.4	
1950 to 1959	4 210	-	5	52	958	1 893	950	273	79	5.1	
1949 or earlier	9 424	6	12	158	1 496	3 519	2 576	1 101	556	5.4	
COMPLETE BATHROOMS											
1 and 1 1/2	13 900	7	-	268	2 667	5 676	3 552	1 324	406	5.2	
2 or more	1 415	-	-	-	100	294	306	299	416	6.5	
None or also used by another household	172	-	13	13	54	51	11	18	12	4.6	
VALUE-INCOME RATIO											
Specified owner occupied ¹		12 510	6	7	88	1 855	4 639	3 498	1 591	826	5.4
Less than 1.5		3 864	6	-	19	544	1 365	1 155	571	204	5.5
1.5 to 1.9		3 270	-	-	14	521	1 188	924	374	249	5.4
2.0 to 2.9		2 833	-	-	10	292	1 062	845	392	232	5.6
3.0 or more		2 522	-	7	45	487	1 019	569	254	141	5.2
Not computed		21	-	-	-	11	5	5	-	-	...
Renter occupied housing units		8 049	378	513	1 703	2 604	2 125	544	102	80	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		7 676	288	443	1 630	2 487	2 085	539	111	93	4.1
PERSONS											
1 person	2 373	355	378	905	473	216	31	11	4	3.0	
2 persons	2 706	6	117	682	1 095	622	146	14	24	4.0	
3 persons	1 443	12	18	97	609	556	125	26	-	4.5	
4 persons	914	5	-	10	303	446	115	22	13	4.8	
5 persons	393	-	-	9	89	214	63	5	13	5.0	
6 persons or more	220	-	-	-	35	71	64	24	26	5.6	
Median	2.1	1.0	1.2	1.4	2.3	2.9	3.3	3.5	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
With all plumbing facilities		7 803	269	482	1 662	2 576	2 100	536	102	76	4.1
0.50 or less		3 977	-	352	869	1 545	822	297	51	41	4.0
0.51 to 1.00		3 540	257	112	774	912	1 207	196	47	35	4.2
1.01 to 1.50		257	-	18	10	119	63	43	4	-	4.3
1.51 or more		29	12	-	9	-	8	-	-	-	...
Lacking some or all plumbing facilities		246	-	31	41	28	25	8	-	4	2.6
0.50 or less		110	-	26	36	23	16	5	-	4	3.3
0.51 to 1.00		120	98	5	5	-	9	3	-	-	1.1
1.01 to 1.50		5	-	-	-	5	-	-	-	-	...
1.51 or more		11	-	-	-	-	-	-	-	-	...
BEDROOMS											
None	333	230	80	23	-	-	-	-	-	-	...
1	2 836	-	487	1 738	521	90	-	-	-	-	3.0
2	3 700	-	-	-	2 188	1 403	109	-	-	-	4.3
3 or more	1 173	-	-	-	21	705	364	60	23	5.3	
YEAR STRUCTURE BUILT											
1969 to March 1970	344	7	10	152	145	24	6	-	-	-	3.5
1960 to 1968	1 925	150	263	653	562	266	26	-	5	3.3	
1950 to 1959	1 167	93	114	242	436	222	46	14	-	3.8	
1949 or earlier	4 613	128	126	656	1 461	1 613	466	88	75	4.5	
COMPLETE BATHROOMS											
1 and 1 1/2	7 536	298	452	1 635	2 487	2 010	517	98	39	4.1	
2 or more	176	-	7	-	-	80	22	13	54	5.5	
None or also used by another household	343	120	53	71	59	17	-	-	6	2.5	
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²		8 046	378	513	1 703	2 604	2 122	544	102	80	4.0
Less than 10 percent		653	55	28	122	155	227	50	9	7	4.3
10 to 14 percent		1 820	108	72	341	601	540	129	20	9	4.1
15 to 19 percent		1 746	57	107	341	583	521	124	13	-	4.1
20 to 24 percent		1 127	37	72	239	404	280	61	15	19	4.0
25 to 34 percent		984	30	59	243	371	195	79	7	-	3.9
35 percent or more		1 406	81	166	373	410	291	66	11	8	3.7
Not computed		310	10	9	44	80	68	35	27	37	4.7

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

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

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

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

West Allis					West Allis				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	70	23	38	9	Vacant for rent	203	114	57	31
ROOMS					ROOMS				
1 to 3 rooms	—	—	—	—	1 room	3	—	3	—
4 rooms	—	—	—	—	2 rooms	21	7	14	—
5 rooms	36	9	27	—	3 rooms	82	50	14	18
6 rooms	30	10	11	9	4 rooms	59	32	15	12
7 rooms or more	4	4	—	—	5 rooms	33	20	11	2
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	70	23	38	9	With all plumbing facilities	196	114	50	32
Lacking some or all plumbing facilities	—	—	—	—	Lacking some or all plumbing facilities	7	—	7	—
BEDROOMS					BEDROOMS				
None and 1	—	—	—	—	None	—	—	—	—
2	—	—	—	—	1	92	68	—	24
3	43	19	24	—	2	114	74	16	24
4 or more	—	—	—	—	3 or more	25	25	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	10	10	—	—	1969 to March 1970	31	27	4	—
1960 to 1968	—	—	—	—	1960 to 1968	75	52	14	9
1950 to 1959	14	10	—	4	1950 to 1959	6	6	—	—
1949 or earlier	46	3	38	5	1949 or earlier	91	29	39	23
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	51	17	30	4	1	7	5	—	2
2 or more	19	6	8	5	2 to 4	86	36	32	18
HEATING EQUIPMENT					HEATING EQUIPMENT				
Steam or hot water	14	4	5	5	5 to 9	25	11	11	3
Warm-air furnace	53	16	33	4	10 to 19	11	11	—	—
Built-in electric units	—	—	—	—	20 or more	74	51	14	9
Floor, wall, or pipeless furnace	—	—	—	—	RENT ASKED				
Other means	3	3	—	—	Specified vacant for rent²				
None	—	—	—	—	Less than \$50	198	109	57	32
SALES PRICE ASKED					Specified vacant for sale¹				
Specified vacant for sale¹					Less than \$50				
Less than \$5,000	51	17	30	4	\$50 to \$59	—	—	—	—
\$5,000 to \$9,999	—	—	—	—	\$60 to \$79	11	—	3	8
\$10,000 to \$14,999	—	—	—	—	\$80 to \$99	30	2	28	—
\$15,000 to \$19,999	2	—	2	—	\$100 to \$119	13	5	8	—
\$20,000 to \$24,999	27	3	24	—	\$120 to \$149	14	9	—	5
\$25,000 to \$29,999	4	—	4	—	\$150 to \$199	50	31	9	10
\$30,000 to \$34,999	6	4	—	—	\$200 or more	80	62	9	9
\$35,000 to \$49,999	8	4	—	4	Median rent asked	—	—	—	—
\$50,000 or more	4	4	—	—	Total	\$139	\$156	...	...
Median price asked	...	...	...	...	

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

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

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

West Allis	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	51	—	2	27	4	6	12	198	11	30	13	64	80	—
PLUMBING FACILITIES														
With all plumbing facilities	43	—	—	—	24	—	19	190	—	—	—	92	98	—
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	16	—	16	—	—	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	92	—	—	—	67	25	—
2	—	—	—	—	—	—	—	114	—	16	—	25	73	—
3	43	—	—	—	24	—	19	—	—	—	—	—	—	—
4 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	10	—	—	—	—	6	4	31	—	—	—	—	31	—
1960 to 1968	—	—	—	—	—	—	—	70	—	—	—	25	45	—
1950 to 1959	8	—	—	—	—	—	8	6	—	—	—	6	—	—
1949 or earlier	33	—	2	27	4	—	—	91	11	30	13	33	4	—
UNITS IN STRUCTURE														
1	—	—	—	—	—	—	—	2	—	—	—	2	—	—
2 to 4	—	—	—	—	—	—	—	86	11	23	9	37	6	—
5 to 19	—	—	—	—	—	—	—	36	—	7	4	16	9	—
20 or more	—	—	—	—	—	—	—	74	—	—	—	9	65	—
INCLUSION OF UTILITIES IN RENT														
All utilities included	—	—	—	—	—	—	—	2	—	2	—	—	—	—
Some or no utilities included	—	—	—	—	—	—	—	196	11	28	13	64	80	—

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

Appendix A.—AREA CLASSIFICATIONS

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

USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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

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

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

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

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

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

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

LIVING QUARTERS

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

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

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

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

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

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

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

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

criteria; other living quarters are considered group quarters.

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

OCCUPANCY AND VACANCY CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UTILIZATION CHARACTERISTICS

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

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

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

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

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

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

STRUCTURAL AND PLUMBING CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EQUIPMENT, FUELS, AND APPLIANCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FINANCIAL CHARACTERISTICS

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

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

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

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

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

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

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

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

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

HOUSEHOLD CHARACTERISTICS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B—Continued

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

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

APPENDIX B—Continued

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

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

15 and 5 percent

15 percent

APPENDIX B—Continued

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

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is \$ _____ 00 <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used <i>Average monthly cost</i></p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is \$ _____ 00 <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used <i>Average monthly cost</i></p> <p>c. Water? <input type="radio"/> Yes, yearly cost is \$ _____ 00 <input type="radio"/> No, included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is \$ _____ 00 <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used <i>Yearly cost</i></p>	<p>H24a. How many stories (floors) are in this building? <input type="radio"/> 1 to 3 stories <input type="radio"/> 4 to 6 stories <input type="radio"/> 7 to 12 stories <input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <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 <i>In some other way—Describe</i> _____ <input type="radio"/> None, unit has no heating equipment</p>	<p>H25a. Which fuel is used most for cooking? <input checked="" type="radio"/> From underground pipes <input type="radio"/> Gas serving the neighborhood <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for house heating? <input checked="" type="radio"/> From underground pipes <input type="radio"/> Gas serving the neighborhood <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>c. Which fuel is used most for water heating? <input checked="" type="radio"/> From underground pipes <input type="radio"/> Gas serving the neighborhood <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1960 to 1964 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier</p>	<p>H26. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <p><input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input checked="" type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p>H16. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i></p> <p><input type="radio"/> A one family house detached from any other house <input type="radio"/> A one family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer <i>Other—</i> _____ <i>Describe</i> _____</p>	<p>H27a. Do you have a clothes washing machine? <input type="radio"/> Yes, automatic or semi-automatic <input type="radio"/> Yes, wringer or separate spinner <input type="radio"/> No</p> <p>b. Do you have a clothes dryer? <input type="radio"/> Yes, electrically heated <input type="radio"/> Yes, gas heated <input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)? <input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H17. Is this building— <input type="radio"/> On a city or suburban lot?—Skip to H24 <input type="radio"/> On a place of less than 10 acres? <input type="radio"/> On a place of 10 acres or more?</p>	<p>H28a. Do you have a television set? <i>Count only sets in working order.</i> <input type="radio"/> Yes, one set <input type="radio"/> Yes, two or more sets <input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? <input type="radio"/> Yes <input checked="" type="radio"/> No</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input checked="" type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$10,000 or more</p>	<p>H29. Do you have a battery-operated radio? <i>Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</i></p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year? <input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

APPENDIX B—Continued

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

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

- A.** Mark only one circle. This address means the house or building number where your living quarters are located.
- H1.** Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2.** Mark the second circle only if you **must** go through someone else's living quarters to get to your own.
- H3.** The kitchen sink, stove, and refrigerator do not have to be in the same room.
Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4.** Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5.** Mark **hot water** even if you have it only part of the time.
- H6, H7.** See instructions for H3 for meaning of **Also used by another household**.
- H8.** A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a **concrete slab** has no basement and no air or crawl space below it. A house built in another way is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9.** **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.
Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.
Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10.** A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11.** Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12.** Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
a. If you pay rent by the month, write in the amount of rent and fill one circle.
b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13.** If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.

- H14.** This question refers to the type of heating equipment and not to the fuel used.
A **heat pump** is sometimes known as a **reverse cycle** system.
A **floor, wall, or pipeless furnace** delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.
Any heater that you plug into an electric outlet should be counted as a **portable room heater**—not a built-in electric unit.
- H16.** Count all occupied and vacant living quarters in the house or building, but not stores or office space.
Detached means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17.** A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.
A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.
- H18.** Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19.** If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20.** A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22.** Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23.** Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a.** Do not count a basement as a story.
b. Do not count elevators used only for freight.
- H25.** **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27.** Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28.** Count any set **equipped** to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29.** A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30.** Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

	<i>Male Head With Own Children Under 18</i>
1	1-person household
2	2-person household
3	3-person household
.	.
.	.
6	6-or-more-person household
	<i>Male Head Without Own Children Under 18</i>
7-12	1-person to 6-or-more-person households
	<i>Female Head</i>
13-18	1-person to 6-or-more-person households

STAGE II

	<i>Owner Occupied</i>
19	Negro
20	Not Negro
	<i>Renter Occupied</i>
21	Negro
22	Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

APPENDIX C—Continued

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

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

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual 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(1) 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)-E, 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 tract and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

Fifth Count—contains approximately 300 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(1)-F reports; contains about 250,000 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 10-percent sample and three from the population in the census 100-percent sample. Each of these files contains different types of geographic identification. One identifies individual large SMSA's and, for the rest of the country, groups by counties; the second identifies State and, where they are sufficiently large, by the congressional and noncongressional congressional district; and the third State and, where of large size, by county. Each of these reports provides selective characteristics of the persons in the neighborhood.

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

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE

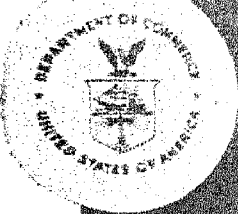


OFFICIAL BUSINESS

Table

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

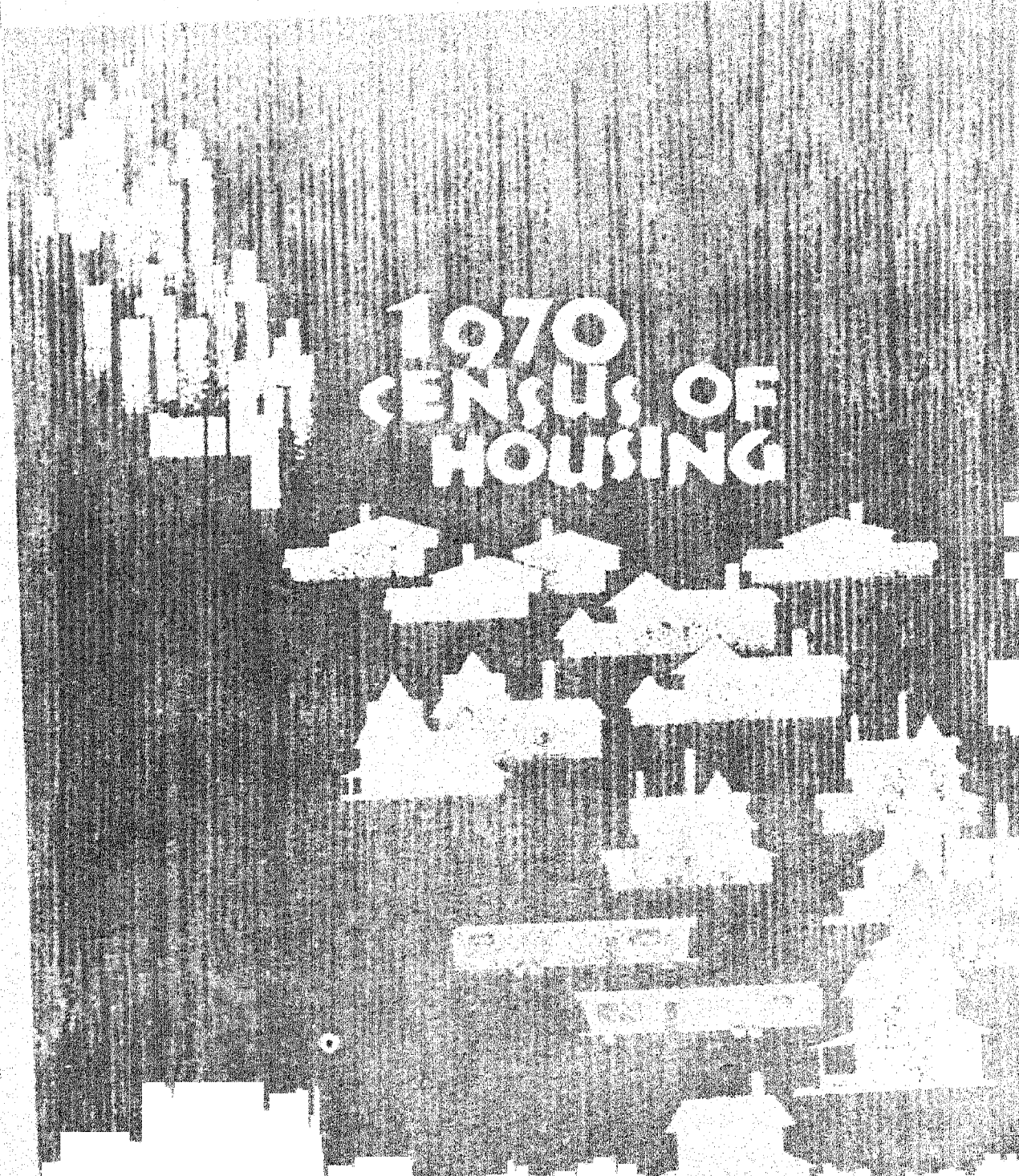
A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

MINNEAPOLIS-ST. PAUL, MINN.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-135



1970 CENSUS OF HOUSING

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

U. S. DEPARTMENT OF COMMERCE

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

Social and Economic Statistics Administration

BUREAU OF THE CENSUS

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

HOUSING DIVISION

Arthur F. Young, Chief

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. Albrooks**, **Peter A. Deuppers**, **Basiera A. Boyce**, and **Carlton W. Fruton**.

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. Foot**, Assistant Division Chiefs.

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

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

Systems and processing procedures were developed under the direction of **Morris Gorinson**, Assistant Chief, Demographic Census Staff. **Florence Wright**, assisted by **Orville M. Siye** and **Erna 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 tapes 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 M. Shouse**, was responsible for the tabulation review work, in which **Peter J. Franczak** also made important contributions.

FOSSDIC and computer processing were performed in the Computer Services Division under the supervision of **James R. Papal**, Chief, and **E. Richard Bourdon** and **James W. Skores**, Assistant Division Chiefs. Development of the FOSSDIC 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**, **Sal 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)-135 Minneapolis-
St. Paul, Minn. SMSA
U.S. Government Printing Office
Washington, D.C. 1972

For sale by the
Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402, or any
Department of Commerce Field Office.
Price 70 cents.

**1970
CENSUS OF
HOUSING**

**Metropolitan
Housing
Characteristics**

**MINNEAPOLIS-ST. PAUL, MINN.
STANDARD METROPOLITAN
STATISTICAL AREA**

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	Bridgport, 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	Mayaguez, 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, Ma. SMSA		
168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		

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

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

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

¹Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

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

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

INTRODUCTION—Continued

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

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

PROCESSING PROCEDURES

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

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

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

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

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Minneapolis-St. Paul, 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 135.]

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	10 to 17	—
Bloomington	B	18 to 26	—	—
Minneapolis	C	27 to 35	—	—
St. Paul	D	36 to 44	—	—

CONTENTS—Continued

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)

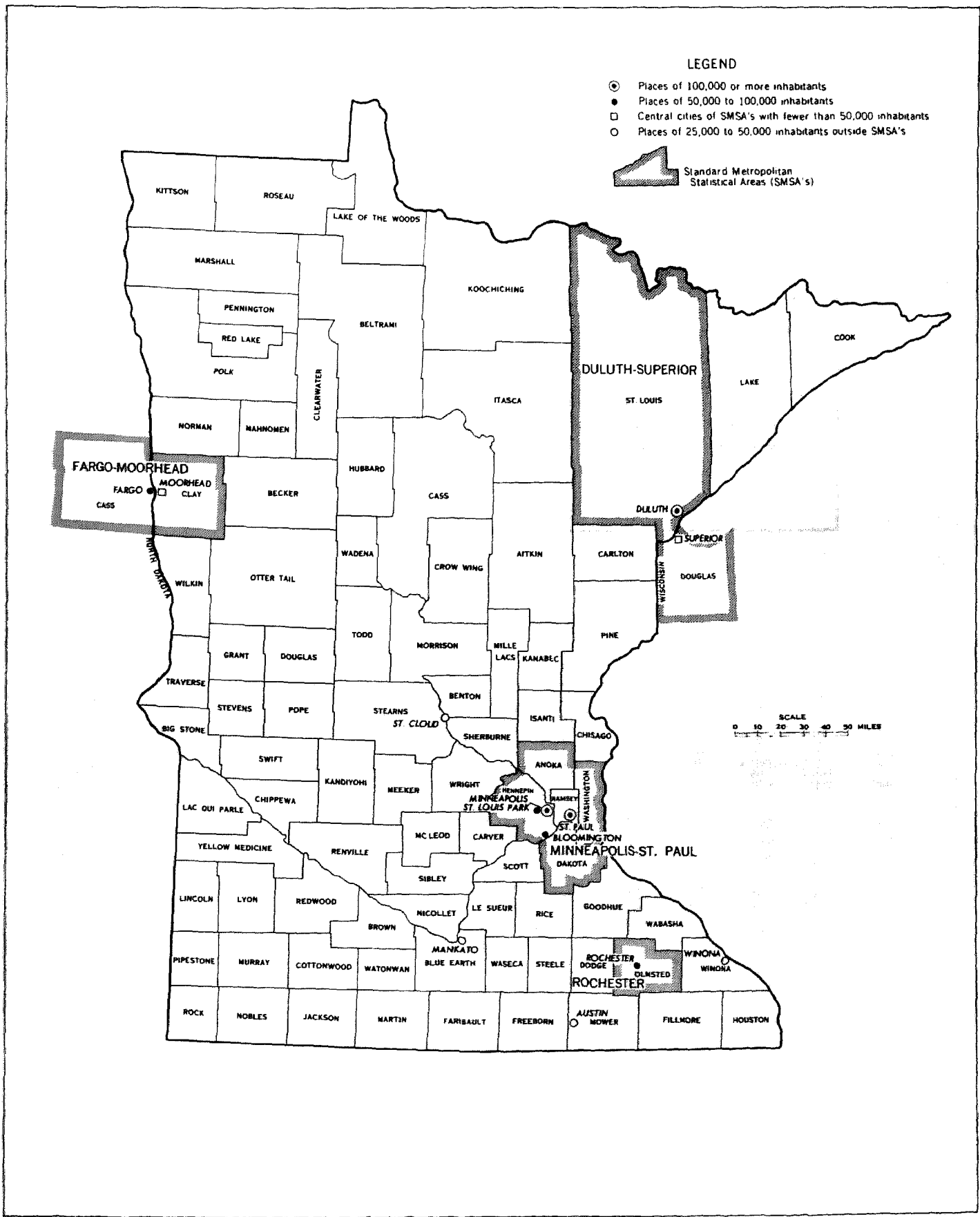
TABLE

- | | |
|----|--|
| 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



NOTE

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

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

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

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	322 092	585	2 114	6 554	16 790	26 081	83 625	79 733	69 398	26 711	10 501	21 600
ROOMS												
1 and 2 rooms	490	48	74	56	55	31	110	42	58	16	-	13 500
3 rooms	3 676	117	386	749	982	515	614	195	75	39	13	11 500
4 rooms	31 955	173	545	1 794	4 367	5 785	13 019	4 545	1 471	209	47	16 200
5 rooms	105 114	139	548	1 809	5 465	9 503	35 417	34 051	16 387	5 594	201	20 000
6 rooms	84 286	73	336	1 286	3 612	6 040	21 130	23 725	22 359	7 061	1 517	24 700
7 rooms	49 100	22	138	583	1 692	2 855	9 059	10 772	15 401	12 690	8 109	32 800
8 rooms or more	47 471	13	87	277	617	1 352	4 276	6 403	13 647	7 4	7.5+	...
Median	5.7	4.2	4.6	4.9	5.0	5.2	5.3	5.5	6.2	7.4	7.5+	...
PERSONS												
1 person	24 964	249	730	1 673	3 442	3 785	8 140	3 731	2 231	673	310	16 500
2 persons	77 391	175	669	2 439	6 033	8 559	23 458	16 491	13 126	4 604	1 837	19 500
3 persons	51 907	39	258	785	2 304	4 274	14 245	13 351	11 094	4 037	1 520	21 500
4 persons	64 233	48	161	604	1 828	3 314	14 547	18 022	17 073	6 490	2 146	23 200
5 persons	49 228	30	107	332	1 305	2 746	10 765	13 510	13 019	5 258	2 161	23 500
6 persons or more	54 369	44	194	721	1 878	3 403	12 470	14 628	12 855	5 649	2 527	22 900
Median	3.6	1.7	2.0	2.2	2.3	2.7	3.2	3.8	4.0	4.1	4.2	...
Units with roomers, boarders, or lodgers	5 426	17	48	124	352	731	1 640	1 200	868	314	132	19 400
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	319 274	381	1 867	6 274	16 554	25 716	83 029	79 286	69 076	26 633	10 458	21 600
0.50 or less	139 888	231	1 148	3 756	9 716	13 659	37 175	27 646	26 728	13 134	6 895	20 800
0.51 to 1.00	155 345	117	561	2 000	5 541	9 878	38 008	44 017	38 674	12 895	3 654	22 400
1.01 to 1.50	21 589	28	132	425	1 119	1 949	6 954	6 968	3 348	562	104	20 100
1.51 or more	2 452	5	26	93	178	230	892	892	328	42	43	15 500
Lacking some or all plumbing facilities	2 818	204	247	280	236	365	596	447	322	171	33	14 100
0.50 or less	1 702	162	153	201	160	271	303	210	171	141	40	17 700
0.51 to 1.00	971	33	77	69	71	78	254	203	141	5	-	16 100
1.01 to 1.50	102	9	13	5	5	10	35	20	5	5	-	...
1.51 or more	43	-	4	5	-	6	4	14	5	-	-	...
BEDROOMS												
None and 1	9 270	241	771	1 734	2 002	1 578	2 070	520	231	123	-	12 400
2	77 244	130	703	3 000	7 665	11 562	29 512	15 364	7 306	1 607	395	17 600
3	163 619	213	493	1 865	4 891	9 585	39 897	50 673	41 542	11 875	2 585	22 500
4 or more	71 331	59	138	641	1 909	2 657	11 656	14 125	18 914	13 498	7 734	27 400
YEAR STRUCTURE BUILT												
1969 to March 1970	7 582	4	10	-	16	40	211	1 318	2 773	2 196	1 014	32 900
1965 to 1968	26 637	5	25	32	54	185	5 583	10 171	6 522	2 420	1 420	30 700
1962 to 1964	40 319	46	41	23	161	380	5 415	11 989	14 394	5 831	2 030	26 500
1950 to 1959	100 650	61	112	414	1 384	3 958	26 093	33 381	25 693	6 995	2 559	22 700
1940 to 1949	39 929	47	223	585	1 778	3 473	13 649	11 039	6 511	1 687	837	20 000
1939 or earlier	106 975	422	1 703	5 400	13 397	18 045	36 608	16 423	9 856	3 480	1 641	16 800
COMPLETE BATHROOMS												
1 and 1 1/2	251 498	371	1 653	5 639	15 903	24 470	77 595	68 441	47 646	8 870	910	20 000
2 and 2 1/2	58 077	4	57	135	441	1 271	5 269	10 371	20 705	14 932	4 892	30 500
3 or more	8 739	-	-	6	21	34	122	172	930	2 851	4 603	50 000+
None or also used by another household	3 974	205	375	470	522	502	851	504	421	88	36	14 600
HOUSEHOLD COMPOSITION												
Two-or-more-person households	297 128	336	1 384	4 881	13 348	22 296	75 485	76 002	67 167	26 038	10 191	22 000
Male head, wife present, no nonrelatives	267 948	256	1 050	3 691	10 922	18 413	66 268	70 080	63 183	24 616	9 489	22 400
Under 25 years	4 848	19	53	277	1 003	1 496	5 992	1 532	686	74	19	19 700
25 to 34 years	60 530	34	142	363	1 406	3 144	14 196	18 759	16 969	4 620	897	22 900
35 to 44 years	71 428	25	141	419	1 619	3 261	14 173	19 292	19 768	9 055	3 521	24 100
45 to 64 years	102 921	113	445	1 525	4 618	7 462	27 073	25 319	22 256	9 631	4 479	22 000
65 years and over	28 221	65	269	1 130	2 962	4 050	9 234	5 178	3 504	1 236	573	18 000
Other male head	7 707	25	108	410	1 305	951	2 046	1 502	1 150	537	425	19 400
Under 25 years	5 687	20	78	275	936	627	1 494	1 232	977	407	322	20 400
25 to 34 years	5 687	20	78	275	936	627	1 494	1 232	977	407	322	20 400
35 to 44 years	5 687	20	78	275	936	627	1 494	1 232	977	407	322	20 400
45 to 64 years	5 687	20	78	275	936	627	1 494	1 232	977	407	322	20 400
65 years and over	5 687	20	78	275	936	627	1 494	1 232	977	407	322	20 400
Female head	21 473	55	68	226	789	1 893	2 932	7 171	4 420	2 834	885	18 300
Under 25 years	15 937	40	97	366	1 162	2 011	5 363	3 538	2 348	671	273	18 900
25 to 34 years	15 937	40	97	366	1 162	2 011	5 363	3 538	2 348	671	273	18 900
35 to 44 years	15 937	40	97	366	1 162	2 011	5 363	3 538	2 348	671	273	18 900
45 to 64 years	15 937	40	97	366	1 162	2 011	5 363	3 538	2 348	671	273	18 900
65 years and over	15 937	40	97	366	1 162	2 011	5 363	3 538	2 348	671	273	18 900
One-person households	24 964	249	730	1 673	3 442	3 785	8 140	3 731	2 231	673	310	16 500
Under 65 years	10 203	89	253	568	1 220	1 322	3 408	1 734	1 164	319	126	17 200
65 years and over	14 761	160	477	1 105	2 222	2 463	4 732	1 997	1 067	354	184	15 900
INCOME IN 1969												
Less than \$2,000	13 867	160	546	1 040	2 838	2 284	4 122	1 866	1 221	431	159	15 900
\$2,000 to \$2,999	8 681	69	177	686	1 481	1 483	2 877	1 179	618	231	40	15 900
\$3,000 to \$3,999	8 630	19	145	580	1 277	1 522	2 792	1 343	716	170	66	16 200
\$4,000 to \$4,999	9 030	32	142	446	1 049	1 411	3 324	1 456	963	188	79	17 400
\$5,000 to \$5,999	8 824	31	129	364	970	1 321	3 122	1 731	983	169	81	18 000
\$6,000 to \$6,999	9 663	54	188	436	1 058	1 111	3 392	2 650	1 091	262	300	19 000
\$7,000 to \$9,999	49 838	100	395	1 312	3 449	6 016	17 515	12 756	6 723	1 272	819	21 600
\$10,000 to \$14,999	79 722	99	340	1 221	3 782	7 684	30 866	34 291	25 803	5 850	2 500	25 000
\$15,000 to \$24,999	110 557	16	122	429	1 665	3 033	14 236	20 409	25 644	11 596	2 632	38 000
\$25,000 or more	23 280	5	-	49	161	294	1 379	2 652	5 776	6 742	6 231	...
Median	\$12 400	\$5 400	\$5 400	\$6 400	\$7 500	\$9 000	\$10 800	\$12 500	\$14 400	\$19 300	\$31 100	...
YEAR MOVED INTO UNIT												
1969 to March 1970	30 938	53	150	394	907	1 528	5 751	7 394	8 555	4 405	1 801	24 500
1968	27 493	42	110	220	817	1 576	5 443	7 015	7 706	3 260	1 308	23 900
1967	22 056	26	141	297	725	1 187	5 076	5 424	5 936	2 396	848	23 300
1965 and 1966	36 748	37	74	408	1 181	2 391	8 205	9 431	9 377	4 269	1 372	23 200
1960 to 1964	64 934	68	282	891	2 406	4 089	15 947	17 041	16 019	5 999	2 272	22 600
1950 to 1959	91 788	15										

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

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

The SMSA

	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	191 320	9 435	5 024	6 542	8 260	22 942	24 589	42 462	49 259	15 416	2 229	5 162	131
ROOMS													
1 room	13 386	3 697	1 638	1 628	1 066	1 746	1 435	1 461	426	95	6	188	68
2 rooms	19 532	2 683	1 526	1 752	1 757	3 383	2 282	3 467	2 153	268	16	245	90
3 rooms	56 319	2 403	1 060	1 792	2 636	7 116	7 159	16 932	14 746	1 685	107	683	130
4 rooms	55 408	400	535	924	1 804	6 684	7 115	10 462	19 807	5 890	501	1 286	148
5 rooms	29 461	151	198	306	761	3 049	4 724	6 813	7 644	4 195	601	1 019	142
6 rooms	11 078	55	48	96	133	712	1 454	2 329	3 183	1 966	425	677	156
7 rooms	3 947	19	34	76	154	303	727	915	874	302	522	171	171
8 rooms or more	2 189	27	-	10	27	96	117	271	385	443	271	542	186
Median	3.6	1.9	2.1	2.4	3.0	3.4	3.7	3.5	3.9	4.5	5.3	4.7	...
PERSONS													
1 person	67 733	8 368	4 024	4 676	4 844	10 804	8 870	13 103	9 178	2 076	394	1 396	101
2 persons	62 956	808	694	1 267	2 016	6 905	7 995	15 908	19 972	4 911	844	1 636	141
3 persons	30 451	141	165	287	746	2 803	3 847	7 204	10 835	3 402	246	775	149
4 persons	17 211	77	77	163	352	1 429	2 042	3 386	5 869	2 892	314	610	157
5 persons	6 899	28	29	104	145	576	910	1 375	1 958	1 200	242	332	153
6 persons or more	6 070	13	35	45	157	425	925	1 486	1 447	935	189	413	145
Median	1.9	1.1	1.1	1.2	1.4	1.6	1.9	2.0	2.3	2.7	2.4	2.2	...
Units with roomers, boarders, or lodgers	7 034	90	69	105	185	585	686	1 474	2 306	1 351	52	131	156
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	179 740	5 894	2 839	4 314	7 027	21 716	24 191	42 174	49 124	15 344	2 220	4 897	135
0.51 to 1.00	88 866	4 237	1 838	2 589	4 198	12 446	12 230	19 258	21 015	6 877	1 372	2 806	129
1.01 to 1.50	82 335	1 607	947	1 567	2 508	8 089	10 615	20 734	26 061	7 571	788	1 848	142
1.51 or more	6 604	25	28	82	206	843	1 041	1 566	1 728	835	55	195	139
Median	11 580	1 935	25	76	115	338	305	616	320	61	5	48	123
Lacking some or all plumbing facilities													
0.50 or less	11 580	3 541	2 185	2 228	1 233	1 226	398	288	135	72	9	265	60
0.51 to 1.00	4 303	773	842	1 039	584	579	174	142	41	12	9	108	65
1.01 to 1.50	6 822	2 642	1 304	1 151	574	581	183	136	85	48	-	118	55
1.51 or more	162	5	16	56	35	35	11	-	5	5	-	13	76
Median	293	121	23	17	19	31	30	10	9	7	-	26	55
BEDROOMS													
None	19 157	4 315	2 044	2 011	1 880	3 563	2 249	2 131	635	77	-	252	76
1	86 714	4 670	2 346	3 155	4 291	12 811	12 201	24 031	19 705	2 163	169	1 172	124
2	67 243	356	480	737	1 543	5 916	7 814	13 385	25 540	8 757	909	1 806	155
3 or more	18 552	110	102	176	360	1 260	2 143	3 167	4 092	4 178	1 126	1 838	163
YEAR STRUCTURE BUILT													
1969 to March 1970	13 392	1 025	232	61	95	109	346	1 719	6 213	3 059	355	178	174
1965 to 1968	31 111	1 164	141	126	189	446	810	6 644	15 337	5 083	852	319	169
1960 to 1964	29 178	1 403	351	192	177	746	1 826	9 509	11 293	2 630	495	556	150
1950 to 1959	19 411	415	302	353	442	1 561	2 484	5 902	5 331	1 598	251	772	139
1940 to 1949	13 068	286	215	321	483	1 881	2 538	3 340	2 663	804	52	485	125
1939 or earlier	85 160	5 142	3 783	5 489	6 874	18 199	16 585	15 348	8 422	2 242	224	2 852	102
ELEVATOR IN STRUCTURE													
4 floors or more	16 013	4 027	1 343	936	768	1 351	1 628	1 553	2 280	1 490	490	147	93
With elevator	12 495	3 752	958	528	313	629	1 095	1 240	1 995	1 470	490	45	101
Walk-up	3 518	275	405	408	455	722	533	313	285	20	-	102	85
1 to 3 floors	175 653	5 424	3 629	5 143	7 306	22 199	22 779	41 161	47 692	13 685	1 714	4 921	134
COMPLETE BATHROOMS													
1 and 1/2	172 319	5 678	2 678	4 106	6 612	20 555	23 623	41 569	48 327	13 947	1 062	4 162	135
2 or more	4 945	56	50	81	82	228	229	398	606	1 430	1 118	667	229
None or also used by another household	14 082	3 678	2 320	2 453	1 570	1 898	792	559	343	112	27	330	64
INCOME IN 1969													
Less than \$2,000	26 756	5 401	1 848	1 886	1 820	3 822	2 899	3 894	3 179	1 029	140	838	90
\$2,000 to \$2,999	13 998	1 258	710	842	923	2 532	2 644	2 644	2 110	542	28	424	105
\$3,000 to \$3,999	14 498	709	633	774	1 028	2 350	2 218	3 139	2 595	619	41	390	114
\$4,000 to \$4,999	14 539	462	421	466	774	2 510	2 306	3 482	2 907	599	47	366	120
\$5,000 to \$5,999	14 580	304	296	493	766	2 067	2 428	3 773	3 204	793	71	297	126
\$6,000 to \$6,999	14 327	344	291	523	728	1 975	2 185	3 759	3 350	783	45	334	128
\$7,000 to \$9,999	39 532	659	536	857	1 398	4 395	5 721	10 271	11 693	2 692	175	1 135	136
\$10,000 to \$14,999	36 860	220	260	393	620	2 670	3 833	8 967	14 105	4 424	411	957	154
\$15,000 to \$24,999	13 571	61	19	85	188	548	898	2 278	5 427	3 020	722	325	173
\$25,000 or more	2 659	17	10	21	15	73	117	255	689	817	549	96	210
Median	\$6 800	\$2000-	\$2 900	\$3 700	\$4 500	\$5 100	\$6 200	\$7 200	\$8 900	\$10 600	\$17 200	\$6 800	...
YEAR MOVED INTO UNIT													
1969 to March 1970	92 280	3 514	1 803	2 215	2 747	8 370	9 936	21 854	29 168	10 025	1 211	1 437	143
1968	19 647	1 165	632	910	1 023	3 432	3 947	8 824	8 421	2 478	333	482	135
1967	17 586	1 134	471	557	869	2 208	2 329	3 879	4 265	1 263	196	415	128
1965 and 1966	18 819	1 129	570	777	1 026	2 667	2 989	4 011	3 822	1 070	259	499	120
1960 to 1964	17 683	1 463	747	1 043	1 173	2 846	2 895	3 655	2 496	472	181	712	106
1950 to 1959	10 185	745	613	728	949	2 016	1 648	1 667	850	139	15	815	96
1949 or earlier	5 146	262	212	410	477	1 142	900	636	254	42	12	799	95
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	10 861	1 597	837	880	963	2 078	1 506	1 243	1 131	476	150	...	91
10 to 14 percent	29 376	869	789	1 223	1 761	4 828	4 791	6 799	6 554	1 533	229	...	122
15 to 19 percent	33 532	782	533	950	1 229	3 642	4 760	8 519	10 330	2 448	339	...	137
20 to 24 percent	26 064	878	478	593	797	2 497	3 129	6 297	8 569	2 467	359	...	142
25 to 34 percent	30 712	2 016	619	779	1 048	3 180	3 604	7 327	8 728	3 012	399	...	137
35 percent or more	53 149	3 023	1 641	1 984	2 328	6 374	6 482	11 732	13 518	5 336	731	...	132
Not computed	7 626	270	127	133	134	343	317	545	429	144	22	5 162	114
AIR CONDITIONING													
Room unit(s)	80 087	671	562	633	1 190	4 033	6 459	21 278	33 772	8 923	920	1 646	157
Central system	8 075	338	70	105	62	86	250	1 098	2 323	2 510	875	358	190
None	103 184	8 403	4 416	5 902	7 012	18 562	17 935	20 150	13 181	4 056	412	3 155	106

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

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

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

The SMSA

	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	363 351	17 596	10 956	10 883	10 878	10 761	11 778	58 029	121 411	86 063	24 996	12 100
ROOMS												
1 and 2 rooms	1 343	306	135	99	129	74	78	209	213	90	10	5 000
3 rooms	6 332	1 241	624	555	435	428	396	1 235	972	372	74	5 700
4 rooms	43 382	4 244	2 709	2 384	2 547	2 222	2 259	9 616	12 270	4 640	491	8 700
5 rooms	117 673	5 809	3 916	4 121	4 026	3 961	4 243	22 381	44 077	22 268	2 871	11 200
6 rooms	91 079	3 357	2 141	2 097	2 149	2 318	2 799	14 152	33 204	24 184	4 678	12 500
7 rooms or more	103 542	2 639	1 431	1 627	1 592	1 758	2 003	10 436	30 675	34 509	16 872	14 900
PERSONS												
1 person	32 968	10 394	4 946	3 378	2 580	2 396	1 931	3 978	2 364	727	274	3 300
2 persons	91 439	4 013	4 644	5 361	5 611	5 196	4 947	16 543	25 419	14 844	4 861	9 900
3 and 4 persons	128 256	1 946	918	1 476	1 764	2 119	3 107	21 869	49 775	35 697	9 585	13 100
5 persons	52 473	636	262	348	535	814	7 600	21 103	16 239	16 239	4 523	13 700
6 persons or more	58 215	607	186	320	388	637	979	8 039	22 750	18 556	5 753	13 900
Units with roomers, boarders, or lodgers	6 625	869	386	414	445	362	360	1 229	1 515	841	204	8 200
BEDROOMS												
Less than 3	113 063	10 406	7 253	6 449	6 577	5 536	5 299	22 991	31 114	14 836	2 602	9 000
3	173 143	4 239	2 976	3 122	2 993	3 243	4 515	27 397	67 954	46 340	10 364	12 800
4 or more	77 061	1 521	1 007	1 246	995	1 467	1 190	7 857	22 753	26 427	12 598	15 200
YEAR STRUCTURE BUILT												
1969 to March 1970	9 580	150	77	65	147	165	173	1 439	3 656	2 824	884	13 500
1960 to 1968	75 207	1 163	757	740	827	912	1 396	10 513	29 226	22 437	7 236	13 600
1950 to 1959	105 683	2 806	1 624	1 743	2 035	2 093	2 606	15 294	39 579	30 043	7 860	13 100
1949 or earlier	172 881	13 477	8 498	8 335	7 869	7 591	7 603	30 783	48 950	30 759	9 016	10 200
YEAR MOVED INTO UNIT												
1969 to March 1970	36 986	1 077	548	520	764	753	1 235	7 429	13 947	8 427	2 286	12 200
1968	31 026	779	424	380	492	461	755	6 106	12 749	7 089	1 791	12 400
1960 to 1967	136 902	3 569	2 231	2 524	2 526	2 779	3 634	22 673	51 654	34 535	10 777	12 800
1959 or earlier	158 441	12 560	7 703	7 492	7 089	6 978	6 418	21 762	42 881	35 522	10 036	11 100
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	281 116	7 559	5 100	5 995	6 005	6 503	6 604	41 660	99 977	78 038	23 675	13 100
Clothes dryer	274 076	6 183	3 942	4 452	4 662	5 423	6 099	41 558	100 307	77 872	23 578	13 200
Dishwasher	111 972	1 709	913	1 092	1 092	1 260	1 092	10 743	35 145	40 805	18 525	15 800
Home food freezer	163 591	4 119	2 606	3 169	3 503	3 248	3 840	23 974	58 235	45 927	14 970	13 200
Owned second home	31 699	503	743	664	783	841	889	3 610	9 089	9 993	4 584	14 300
With air conditioning	151 619	4 625	2 820	3 394	3 609	3 842	4 421	20 589	49 613	42 374	16 332	13 300
Room unit(s)	118 201	3 947	2 560	2 927	3 139	3 811	3 781	17 912	41 916	30 726	7 982	12 600
Central system	33 418	678	260	467	470	531	640	2 677	7 697	11 648	8 350	17 800
Automobiles available:												
1	162 715	7 656	5 728	6 674	7 225	7 405	7 974	36 728	56 901	22 684	3 740	10 200
2	146 798	1 614	893	977	1 407	1 621	2 549	17 305	56 346	48 977	15 109	14 200
3 or more	28 289	195	102	178	160	213	321	1 474	6 370	13 398	5 878	18 800
Renter occupied housing units	193 796	27 001	14 133	14 589	14 666	14 750	14 478	40 129	37 499	13 818	2 733	4 800
ROOMS												
1 room	13 417	4 048	1 630	1 520	1 226	980	1 053	1 977	726	199	58	3 700
2 rooms	19 591	5 224	2 191	1 731	1 875	1 784	1 625	2 959	1 657	463	82	4 300
3 rooms	56 501	8 490	4 435	4 701	4 573	4 875	4 710	11 262	9 903	3 121	431	6 200
4 rooms	55 848	5 420	3 206	3 745	3 988	4 057	3 904	12 980	12 884	4 744	920	7 800
5 rooms	29 920	2 465	1 872	1 895	2 026	2 041	2 641	6 709	7 531	2 848	595	8 200
6 rooms or more	18 519	1 354	799	997	978	1 138	1 145	4 242	4 798	2 443	647	9 000
PERSONS												
1 person	68 115	18 640	7 364	6 607	6 320	6 202	5 485	10 666	4 854	1 516	461	4 200
2 persons	63 493	4 535	4 114	4 461	4 851	4 653	4 710	13 199	15 518	6 230	1 222	8 000
3 and 4 persons	48 373	3 064	2 226	2 909	2 766	3 076	3 359	12 696	13 133	4 413	731	8 600
5 persons	7 230	447	210	415	343	408	479	1 831	2 104	852	141	9 200
6 persons or more	6 585	315	219	197	386	411	445	1 737	1 890	807	178	9 300
Units with roomers, boarders, or lodgers	7 103	1 229	721	780	845	787	672	1 279	620	142	28	5 000
BEDROOMS												
None	19 178	5 531	2 528	1 851	2 172	1 567	1 444	2 763	904	315	103	3 800
1	87 196	14 543	6 977	6 658	7 397	7 485	7 229	17 399	14 374	4 498	636	6 100
2	67 853	5 450	3 312	3 957	4 230	5 205	4 639	16 904	16 621	6 207	1 328	8 300
3 or more	19 911	1 479	1 110	1 132	1 006	1 346	1 260	4 090	5 088	2 610	790	8 900
YEAR STRUCTURE BUILT												
1969 to March 1970	13 429	1 753	795	784	757	776	839	2 684	3 199	1 572	270	8 100
1960 to 1968	60 475	6 813	3 258	3 459	3 601	4 265	4 300	12 709	14 534	6 134	1 402	8 100
1950 to 1959	19 777	2 140	1 313	1 322	1 392	1 518	1 395	4 388	4 377	1 626	906	7 600
1949 or earlier	100 115	16 295	8 767	9 024	8 916	8 911	7 944	20 348	15 389	4 486	755	5 900
YEAR MOVED INTO UNIT												
1969 to March 1970	93 058	12 214	6 766	7 372	7 746	7 306	7 246	19 394	18 044	5 975	995	6 700
1968	30 055	3 099	1 490	1 826	1 981	2 113	2 246	6 863	7 073	2 908	456	8 000
1960 to 1967	54 763	8 403	4 241	4 111	3 581	3 802	3 843	10 957	10 648	4 212	965	6 800
1959 or earlier	15 916	3 207	1 695	1 592	1 224	1 168	1 110	2 581	2 144	842	253	5 100
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied:	191 320	26 756	13 998	14 498	14 539	14 580	14 327	39 532	36 860	13 571	2 659	6 800
Less than 15 percent	40 237	—	163	296	676	836	1 735	8 434	15 388	10 376	2 393	12 600
15 to 19 percent	33 532	33	336	804	1 061	1 936	2 704	10 530	13 900	2 079	149	9 800
20 to 24 percent	26 064	259	796	1 105	1 918	2 604	2 907	11 003	4 858	593	21	7 900
25 to 34 percent	30 712	1 907	1 654	3 250	4 448	5 313	5 153	7 243	1 572	172	—	5 800
35 percent or more	53 149	21 255	10 685	8 653	6 070	3 594	1 494	1 187	185	26	—	2 500
Not computed	7 626	3 302	424	390	366	297	334	1 135	957	325	96	3 200
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	71 985	7 011	4 280	4 108	4 653	5 202	5 003	15 931	17 628	6 586	1 583	8 100
Clothes dryer	63 523	5 987	3 688	3 518	4 041	4 641	4 272	14 165	15 820	5 908	1 463	8 200
Dishwasher	20 896	1 036	556	631	749	989	1 134	4 415	5 900	3 848	1 438	10 600
Home food freezer	14 666	977	516	374	383	444	1 150	3 442	4 355	1 771	454	9 300
Owned second home	7 304	777	229	263	474	413	279	1 548	1 831	1 360	382	9 700
With air conditioning	88 680	7 511	4 229	4 863	5 857	6 367	6 733	19 392	21 849	9 540	2 063	8 300
Room unit(s)	60 523	6 628	4 012	4 516	5 456	5 908	6 187	18 072	19 993	8 232	1 519	8 300
Central system	8 137	883	393	447	381	459	546	1 320	1 856	1 308	544	9 200
Automobiles available:												
1	99 816	7 186	5 060	6 547	7 249	7 945	9 057	26 210	23 124	6 289	1 149	7 800
2	34 652	1 302	781	1 068	1 518	1 623	1 830	7 403	11 701	6 294	1 133	10 800
3 or more												

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

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

The SMSA	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	363 351	358 996	162 722	170 031	23 524	2 719	4 355	2 647	1 476	156	76
PERSONS											
1 person	32 968	31 681	31 550	131	-	-	1 287	1 171	116	-	-
2 persons	91 439	89 923	86 980	2 873	-	70	1 516	1 246	260	-	10
3 persons	58 907	58 370	29 424	28 866	59	21	537	177	356	4	-
4 persons	69 349	68 941	10 144	58 540	222	35	408	39	352	5	12
5 persons	52 473	52 198	4 624	45 637	1 837	100	275	14	237	14	10
6 persons or more	58 215	57 883	-	33 984	21 406	2 493	332	-	155	133	44
Median	3.5	3.5	2.1	4.4	6.7	7.5+	2.1	1.6	3.5	6.2	...
Units with roomers, boarders, or lodgers	6 625	6 486	2 960	2 902	535	89	139	88	38	-	13
YEAR STRUCTURE BUILT											
1969 to March 1970	9 158	9 110	3 891	4 782	418	19	48	7	36	-	5
1965 to 1968	30 931	30 766	10 582	18 242	1 805	137	165	63	82	13	7
1960 to 1964	44 201	43 943	13 398	26 512	3 622	411	258	86	142	13	17
1950 to 1959	105 589	104 588	38 285	56 503	9 100	1 070	631	304	260	60	7
1940 to 1949	42 706	42 212	21 622	18 029	2 168	393	494	304	177	13	-
1939 or earlier	130 770	128 063	74 959	45 860	6 500	744	2 707	1 879	731	43	54
INCOME IN 1969											
Less than \$2,000	17 596	16 746	14 011	2 442	273	20	850	751	99	-	-
\$2,000 to \$2,999	10 956	10 593	9 377	1 088	102	26	363	278	79	6	-
\$3,000 to \$3,999	10 883	10 564	8 733	1 679	127	25	319	237	77	-	5
\$4,000 to \$4,999	10 878	10 633	8 342	2 020	226	45	245	141	81	6	17
\$5,000 to \$5,999	10 761	10 599	7 917	2 329	302	51	162	131	26	5	-
\$6,000 to \$6,999	11 778	11 517	7 491	3 434	504	88	261	171	64	10	16
\$7,000 to \$9,999	58 029	57 287	24 180	28 197	4 421	489	742	408	287	39	8
\$10,000 to \$14,999	121 411	120 554	40 170	68 786	10 424	1 174	857	320	470	53	14
\$15,000 to \$24,999	86 063	85 608	29 781	49 067	6 124	636	455	174	238	32	11
\$25,000 or more	24 996	24 895	12 720	10 989	1 021	165	101	36	55	5	5
Median	\$12 100	\$12 100	\$10 200	\$13 200	\$12 800	\$12 600	\$6 900	\$4 400	\$10 300	\$11 100	...
VALUE-INCOME RATIO											
Specified owner occupied	322 092	319 274	139 888	155 345	21 589	2 452	2 818	1 702	971	102	43
Less than 1.5	94 331	93 539	33 808	49 870	8 781	1 080	792	378	338	56	20
1.5 to 1.9	78 516	77 941	27 879	43 214	6 120	728	575	269	277	10	19
2.0 to 2.4	53 969	53 673	19 588	30 053	3 709	323	296	142	128	26	-
2.5 to 2.9	29 783	29 552	12 965	14 915	1 497	175	231	127	94	-	-
3.0 to 3.9	25 856	25 595	14 570	10 089	844	92	261	186	71	-	4
4.0 or more	38 031	37 387	29 918	6 836	579	54	644	585	59	-	-
Not computed	1 606	1 587	1 160	368	59	-	19	15	4	-	-
HEATING EQUIPMENT											
Steam or hot water	67 362	66 611	36 330	26 669	3 254	358	751	446	284	10	11
Warm-air furnace	277 788	275 606	117 407	136 955	19 110	2 134	2 182	1 214	836	89	43
Built-in electric units	1 623	1 604	742	786	76	-	19	5	5	5	4
Floor, wall, or pipeless furnace	5 163	5 009	2 774	1 835	357	43	154	123	26	5	-
Other means	11 368	10 124	5 445	3 773	722	184	1 244	859	325	42	18
None	47	42	24	13	5	-	5	-	-	5	-
Renter occupied housing units	193 796	182 040	89 847	83 361	6 852	1 980	11 756	4 391	6 882	184	299
PERSONS											
1 person	68 115	58 740	51 928	6 812	-	-	9 375	3 951	5 424	-	-
2 persons	63 493	61 959	33 760	27 394	-	805	1 534	409	944	-	181
3 persons	30 789	30 356	3 459	25 976	837	84	433	31	302	79	21
4 persons	17 584	17 379	527	15 592	1 076	184	205	-	144	19	42
5 persons	7 230	7 135	173	4 957	1 769	236	95	-	24	48	23
6 persons or more	6 585	6 471	-	2 630	3 170	671	114	-	44	38	32
Median	2.0	2.0	1.4	2.8	5.4	4.0	1.1	1.1	1.1	4.2	2.3
Units with roomers, boarders, or lodgers	7 103	6 885	2 429	3 970	340	146	218	15	148	14	41
YEAR STRUCTURE BUILT											
1969 to March 1970	13 187	13 106	5 798	6 941	283	84	81	28	46	-	7
1965 to 1968	31 191	31 078	14 086	15 948	816	228	113	53	60	-	-
1960 to 1964	29 180	28 992	13 377	14 231	1 100	284	188	40	135	-	13
1950 to 1959	19 857	19 640	8 337	9 896	1 155	252	217	73	112	17	15
1940 to 1949	13 325	12 714	6 209	5 822	503	180	611	232	331	41	7
1939 or earlier	87 052	76 369	41 920	30 435	3 052	962	10 683	4 001	6 309	105	268
INCOME IN 1969											
Less than \$2,000	27 001	23 270	15 748	6 776	516	230	3 731	1 529	2 135	16	51
\$2,000 to \$2,999	14 133	12 705	7 464	4 835	263	143	1 428	511	885	5	5
\$3,000 to \$3,999	14 589	13 288	7 110	5 672	351	155	1 301	441	811	27	27
\$4,000 to \$4,999	14 666	13 617	7 473	5 570	423	151	1 049	396	610	16	22
\$5,000 to \$5,999	14 750	13 808	7 519	5 666	423	200	942	406	504	26	6
\$6,000 to \$6,999	14 478	13 614	6 896	6 011	578	129	864	335	499	5	25
\$7,000 to \$9,999	40 129	38 578	16 664	19 632	1 878	404	1 551	520	918	29	84
\$10,000 to \$14,999	37 499	36 789	13 600	21 057	1 704	428	710	223	393	55	39
\$15,000 to \$24,999	13 818	13 683	5 804	7 173	590	116	135	16	96	5	18
\$25,000 or more	2 733	2 688	1 569	969	126	24	45	14	31	-	-
Median	\$6 800	\$7 100	\$5 900	\$8 100	\$8 400	\$6 900	\$3 600	\$3 400	\$3 500	\$6 400	\$6 700
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied	191 320	179 740	88 866	82 335	6 604	1 935	11 580	4 303	6 822	162	293
Less than 10 percent	10 861	8 965	4 009	4 377	430	149	1 896	463	1 311	41	81
10 to 14 percent	29 376	27 414	11 395	14 318	1 309	392	1 962	754	1 134	18	56
15 to 19 percent	33 532	32 193	13 361	17 134	1 372	326	1 339	535	749	30	25
20 to 24 percent	26 064	24 995	11 996	11 872	879	248	1 069	366	656	17	30
25 to 34 percent	30 712	29 224	15 168	12 848	973	235	1 488	508	923	17	40
35 percent or more	53 149	49 932	28 877	19 187	1 365	503	3 217	1 450	1 711	26	30
Not computed	7 626	7 017	4 060	2 599	276	82	609	227	338	13	31
HEATING EQUIPMENT											
Steam or hot water	110 629	102 173	53 888	44 769	2 542	974	8 456	2 861	5 338	91	166
Warm-air furnace	55 048	53 285	23 376	26 145	3 076	688	1 763	715	949	25	74
Built-in electric units	9 681	9 533	4 330	4 876	228	99	148	38	106	-	4
Floor, wall, or pipeless furnace	4 123	4 022	2 003	1 750	232	37	101	37	54	5	5
Other means	14 256	12 983	6 231	5 796	774	182	1 273	736	424	63	50
None	59	44	19	25	-	-	15	4	11	-	-

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

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

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

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

The SMSA				The SMSA					
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	1 472	547	584	341	Vacant for rent	10 807	7 804	2 123	880
ROOMS				ROOMS					
1 to 3 rooms	83	22	35	26	1 room	1 202	964	130	108
4 rooms	141	45	50	46	2 rooms	1 024	724	211	89
5 rooms	396	172	158	66	3 rooms	3 732	2 694	787	251
6 rooms	418	150	185	83	4 rooms	3 162	2 278	635	249
7 rooms or more	434	158	156	120	5 rooms	1 175	797	254	124
PLUMBING FACILITIES				PLUMBING FACILITIES					
With all plumbing facilities	1 389	533	563	293	6 rooms	344	243	73	28
Lacking some or all plumbing facilities	83	14	21	48	7 rooms or more	168	104	33	31
BEDROOMS				BEDROOMS					
None and 1	190	99	61	30	With all plumbing facilities	9 527	6 880	1 957	690
2	246	74	107	65	Lacking some or all plumbing facilities	1 280	924	166	190
3	717	214	384	119	BEDROOMS				
4 or more	377	226	99	52	None	1 376	1 071	181	124
YEAR STRUCTURE BUILT				YEAR STRUCTURE BUILT					
1969 to March 1970	371	144	157	70	1	5 343	3 669	1 321	353
1960 to 1968	213	92	80	41	2	3 450	2 438	684	328
1950 to 1959	187	87	71	29	3 or more	601	456	60	85
1949 or earlier	701	224	276	201	YEAR STRUCTURE BUILT				
UNITS IN STRUCTURE				UNITS IN STRUCTURE					
1	1 302	475	521	306	1969 to March 1970	3 520	2 427	907	186
2 or more	170	72	63	35	1960 to 1968	2 147	1 790	271	86
HEATING EQUIPMENT				UNITS IN STRUCTURE					
Steam or hot water	286	112	130	44	1	715	384	154	177
Warm-air furnace	1 034	392	424	218	2 to 4	1 654	1 050	378	226
Built-in electric units	18	-	9	9	5 to 9	836	611	139	86
Floor, wall, or pipeless furnace	35	9	8	18	10 to 19	2 259	1 768	383	108
Other means	88	34	13	41	20 or more	5 343	3 991	1 069	283
None	11	-	-	11	RENT ASKED				
SALES PRICE ASKED				RENT ASKED					
Specified vacant for sale ¹	1 245	449	500	296	Specified vacant for rent ²	10 718	7 759	2 106	853
Less than \$5,000	24	-	5	19	Less than \$50	884	576	174	134
\$5,000 to \$9,999	60	23	19	18	\$50 to \$59	563	413	102	48
\$10,000 to \$14,999	177	43	75	59	\$60 to \$79	1 160	751	258	151
\$15,000 to \$19,999	222	87	79	56	\$80 to \$99	1 067	777	196	94
\$20,000 to \$24,999	162	51	83	28	\$100 to \$119	845	605	171	69
\$25,000 to \$34,999	281	114	125	42	\$120 to \$149	1 583	1 257	236	90
\$35,000 to \$49,999	205	103	67	35	\$150 to \$199	3 133	2 379	616	138
\$50,000 or more	114	28	47	39	\$200 or more	1 483	1 001	353	129
Median price asked	\$24 300	\$26 800	\$24 300	\$19 600	Median rent asked	\$136	\$138	\$139	\$160

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

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

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

The SMSA	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	1 245	84	177	222	162	281	319	10 718	1 447	1 160	1 067	2 428	3 133	1 483
PLUMBING FACILITIES														
With all plumbing facilities	1 130	61	186	165	168	313	237	9 405	678	963	1 017	2 158	3 103	1 486
Lacking some or all plumbing facilities	78	-	38	-	-	-	40	1 246	674	468	72	14	-	18
BEDROOMS														
None and 1	67	18	35	14	-	-	-	6 698	1 097	1 207	669	1 594	1 951	380
2	154	12	66	20	37	19	-	3 392	198	194	321	457	1 076	1 146
3	665	14	44	98	98	236	175	424	13	30	78	107	36	160
4 or more	322	17	79	33	33	58	102	137	44	-	21	14	40	18
YEAR STRUCTURE BUILT														
1969 to March 1970	326	-	4	8	25	98	191	3 501	222	17	12	329	1 989	932
1960 to 1968	194	11	11	4	38	75	55	2 144	57	73	56	718	818	422
1950 to 1959	167	9	7	22	35	50	44	427	33	13	33	209	104	35
1949 or earlier	558	64	155	188	64	58	29	4 646	1 135	1 057	966	1 172	222	94
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	626	80	87	61	187	103	108
2 to 4	...	...	...	...	...	...	...	1 654	167	332	422	538	140	55
5 to 19	...	...	...	...	...	...	...	3 095	585	386	335	891	693	200
20 or more	...	...	...	...	...	...	...	5 343	615	353	249	812	2 197	1 117
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	2 897	1 067	613	351	610	174	82
Some or no utilities included	...	...	...	...	...	...	...	7 821	380	547	716	1 818	2 959	1 401

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

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

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

The SMSA		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)	
Total														
Specified renter occupied¹		5 522	290	177	318	356	1 033	958	1 375	769	170	5	71	112
ROOMS														
1 room		285	72	47	32	24	50	18	25	11			6	66
2 rooms		443	31	34	62	42	105	58	75	36			10	88
3 rooms		1 090	120	51	85	88	213	165	194	127	37		10	99
4 rooms		1 329	40	33	73	83	324	214	313	195	33		21	109
5 rooms		1 409	17	5	39	98	237	313	396	226	50	5	23	119
6 rooms		685	10		27	13	68	158	252	122	35			128
7 rooms		159		7			8	16	19	60	15			133
8 rooms or more		122					20	13	60	24				133
Median		4.2	2.9	2.6	3.3	3.8	4.0	4.6	4.7	4.6	4.8	...	...	...
PERSONS														
1 person		1 654	229	124	160	146	308	244	307	103	22		11	89
2 persons		1 372	51	29	68	73	288	265	311	225	33	5	24	112
3 persons		985	10	17	62	61	190	171	270	154	33		17	117
4 persons		591			19	37	127	83	146	129	40		10	125
5 persons		360				12	67	63	141	56	16		5	128
6 persons or more		560		7	9	27	53	132	200	102	26		4	128
Median		2.3	1.1	1.2	1.5	1.9	2.2	2.4	2.8	2.9	3.4	...	...	...
Units with roomers, boarders, or lodgers		176		13	6	27	20	34	50	16	5		5	111
PLUMBING FACILITIES BY PERSONS PER ROOM														
With all plumbing facilities		5 209	224	127	243	322	990	933	1 349	769	165	5	60	114
0.50 or less		2 303	177	84	126	141	398	441	595	276	46	5	14	110
0.51 to 1.00		2 450	45	43	110	156	522	380	629	423	100		42	117
1.01 to 1.50		355	4			14	47	90	116	61	19		4	125
1.51 or more		101			7	11	23	22	29	9				109
Lacking some or all plumbing facilities		313	64	50	75	34	43	25	6				11	65
0.50 or less		153	12	8	50	24	33	15	6				5	72
0.51 to 1.00		145	46	42	25	10	10	6			5		6	56
1.01 to 1.50		5												...
1.51 or more		10	6					4						...
BEDROOMS														
None		385	136			44	185		20					...
1		1 872	133	65	224	153	374	331	297	257	38			99
2		2 095			95	193	441	408	590	303	40		25	115
3 or more		1 227				59	131	242	364	359	47		25	134
YEAR STRUCTURE BUILT														
1969 to March 1970		264	12	10	5	5		36	61	92	36		7	150
1965 to 1968		461	29		7	10	15	32	178	153	27	5	5	143
1960 to 1964		535	28	21	4	41	51	46	198	122	24			132
1950 to 1959		516	41	19	53	29	102	98	93	55	26			103
1940 to 1949		419	12	10	12	15	90	52	156	47	12		13	122
1939 or earlier		3 327	168	117	237	256	775	694	689	300	45		46	109
ELEVATOR IN STRUCTURE														
4 floors or more		526	143	40	74	47	99	19	25	41	38			71
With elevator		385	124	40	29	29	64	19	25	17	38			...
Walk-up		141	19		45	18	35			24				...
1 to 3 floors		5 053	126	25	245	402	1 032	962	1 246	878	87		50	114
COMPLETE BATHROOMS														
1 and 1 1/2		5 011	228	151	235	312	900	900	1 348	688	178	6	65	114
2 or more		85					15	21	24	21	4			...
None or also used by another household		395	54	68	76	35	82	36	24		6		14	69
INCOME IN 1969														
Less than \$2,000		1 151	197	72	85	106	205	159	216	93	12		6	92
\$2,000 to \$2,999		616	31	29	80	38	126	88	155	49	8		12	100
\$3,000 to \$3,999		636	19	14	46	43	158	131	138	68	8		11	105
\$4,000 to \$4,999		512	6	34	20	31	140	80	121	71	4		5	106
\$5,000 to \$5,999		505	14	10	10	42	128	75	131	49	32		14	111
\$6,000 to \$6,999		379	5	5	15	24	58	92	110	65			5	117
\$7,000 to \$9,999		885	18	13	33	56	120	172	282	155	32		4	123
\$10,000 to \$14,999		592			29	16	75	122	157	147	42		4	130
\$15,000 to \$24,999		213					16	35	52	72	27		5	150
\$25,000 or more		33					7	4	13	5			6	...
Median		\$4 700	\$2 000	\$2 600	\$2 900	\$3 800	\$4 200	\$5 300	\$5 400	\$6 800	\$9 000	...	...	...
YEAR MOVED INTO UNIT														
1969 to March 1970		2 872	115	110	116	159	479	544	724	468	126	6	25	116
1968		920	54	46	76	54	166	79	290	119	30		6	115
1967		443	24	13	27	31	89	81	110	48	11		9	108
1965 and 1966		565	25	8	45	42	130	116	148	32	13		6	105
1960 to 1964		394	38	26	13	37	50	102	73	34	8		13	105
1950 to 1959		238	26	16	18	17	67	35	37	8			14	88
1949 or earlier		59			16	7	16		14				6	...
GROSS RENT AS PERCENTAGE OF INCOME														
Less than 10 percent		296	33	13	51	28	71	45	43	12				85
10 to 14 percent		642	19	37	26	64	116	148	135	83	14			108
15 to 19 percent		736	19	21	30	57	132	172	189	91	25			113
20 to 24 percent		697	29	10	31	24	167	105	173	135	18	5		117
25 to 34 percent		938	63	24	83	44	195	122	240	123	44			110
35 percent or more		1 945	117	67	77	134	308	340	544	289	69			116
Not computed		268	10	5	20	5	44	26	51	36			71	111
AIR CONDITIONING														
Room units		892	13	25	23	33	40	87	304	287	74		6	142
Central system		130	7	14		14			20	45	13	6	11	...
None		4 469	262	180	288	300	957	870	1 072	377	101		82	105

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

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

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

The SMSA	With all plumbing facilities					Lacking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	4 145	4 092	1 993	1 778	299	22	53	20	33	-
PERSONS										
1 person	494	482	477	5	-	-	12	6	6	-
2 persons	1 030	1 020	986	34	-	-	10	10	-	-
3 persons	672	663	397	262	4	-	9	4	5	-
4 persons	656	641	96	545	-	-	15	-	15	-
5 persons	541	534	37	471	26	-	7	-	7	-
6 persons or more	752	752	-	461	269	22	-	-	-	-
Median	3.3	3.3	2.0	4.6	7.2	-	-	-	-	-
Units with roomers, boarders, or lodgers	246	235	83	121	31	-	11	6	5	-
YEAR STRUCTURE BUILT										
1969 to March 1970	45	45	13	32	-	-	-	-	-	-
1965 to 1968	46	46	26	20	-	-	-	-	-	-
1960 to 1964	117	117	39	71	7	-	-	-	-	-
1950 to 1959	536	528	238	264	26	-	8	8	6	-
1940 to 1949	432	426	152	227	27	20	6	-	27	-
1939 or earlier	2 911	2 878	1 464	1 163	239	12	33	14	19	-
INCOME IN 1969										
Less than \$2,000	386	381	276	101	4	-	5	-	5	-
\$2,000 to \$2,999	188	188	141	34	6	7	-	-	-	-
\$3,000 to \$3,999	256	250	157	88	5	-	6	-	6	-
\$4,000 to \$4,999	241	231	161	55	15	-	10	10	-	-
\$5,000 to \$5,999	301	297	171	105	21	-	4	4	-	-
\$6,000 to \$6,999	276	270	172	98	-	-	6	6	-	-
\$7,000 to \$9,999	732	727	282	335	110	-	5	-	5	-
\$10,000 to \$14,999	1 058	1 058	350	616	92	-	17	-	17	-
\$15,000 to \$24,999	613	596	255	295	37	9	-	-	-	-
\$25,000 or more	94	94	28	51	9	6	-	-	-	-
Median	\$8 700	\$8 800	\$6 500	\$10 600	\$9 700	-	-	-	-	-
VALUE-INCOME RATIO										
Specified owner occupied ¹	3 453	3 434	1 597	1 541	274	22	19	10	9	-
Less than 1.5	1 071	1 081	383	585	98	15	10	6	4	-
1.5 to 1.9	608	608	205	326	77	-	-	-	-	-
2.0 to 2.4	545	545	236	256	53	-	-	-	-	-
2.5 to 2.9	299	299	158	120	21	-	-	-	-	-
3.0 to 3.9	333	333	207	115	11	-	-	-	5	-
4.0 or more	542	533	388	124	14	7	9	4	5	-
Not computed	35	35	20	15	-	-	-	-	-	-
HEATING EQUIPMENT										
Steam or hot water	1 829	1 813	943	728	133	9	16	-	16	-
Warm-air furnace	2 063	2 042	969	915	145	13	21	4	17	-
Built-in electric units	25	25	5	20	-	-	-	-	-	-
Floor, wall, or pipeless furnace	67	61	13	37	9	-	6	6	-	-
Other means	161	151	63	76	12	-	10	10	-	-
None	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	5 600	5 287	2 327	2 491	369	101	313	153	145	5
PERSONS										
1 person	1 663	1 428	1 288	140	-	-	235	122	113	-
2 persons	1 382	1 313	836	455	-	22	69	31	28	10
3 persons	1 002	998	185	796	17	-	4	-	4	-
4 persons	616	616	11	575	19	11	-	-	-	-
5 persons	360	355	7	296	38	14	5	-	5	-
6 persons or more	577	577	-	229	294	54	-	-	-	-
Median	2.3	2.4	1.4	3.3	6.5	6.7	1.2	1.1	1.1	-
Units with roomers, boarders, or lodgers	180	159	41	96	17	5	21	5	11	5
YEAR STRUCTURE BUILT										
1969 to March 1970	286	286	120	156	10	-	-	-	-	-
1965 to 1968	433	433	202	186	45	-	-	-	6	-
1960 to 1964	533	519	205	217	57	40	14	8	6	-
1950 to 1959	516	510	133	328	40	9	6	-	6	-
1940 to 1949	388	354	130	192	15	17	34	20	8	6
1939 or earlier	3 419	3 136	1 530	1 347	192	67	283	136	134	13
INCOME IN 1969										
Less than \$2,000	1 156	1 051	628	376	41	6	105	60	41	4
\$2,000 to \$2,999	620	569	242	260	36	31	51	35	16	6
\$3,000 to \$3,999	645	601	214	337	46	4	44	29	9	6
\$4,000 to \$4,999	520	497	230	225	37	5	23	-	23	-
\$5,000 to \$5,999	515	480	226	227	27	-	35	14	16	5
\$6,000 to \$6,999	379	369	118	211	21	19	10	5	5	-
\$7,000 to \$9,999	922	877	327	433	94	23	45	10	35	-
\$10,000 to \$14,999	597	597	250	287	47	13	-	-	-	-
\$15,000 to \$24,999	213	213	71	131	11	-	-	-	-	-
\$25,000 or more	33	33	21	4	8	-	-	-	-	-
Median	\$4 700	\$4 900	\$4 300	\$5 200	\$5 900	\$6 200	\$3 000	\$2 500	\$4 300	-
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	5 522	5 209	2 303	2 450	355	101	313	153	145	5
Less than 10 percent	296	267	146	106	15	-	29	4	25	-
10 to 14 percent	642	595	207	316	49	23	47	10	37	-
15 to 19 percent	736	699	263	329	75	32	37	10	21	6
20 to 24 percent	697	674	306	350	18	-	23	13	10	-
25 to 34 percent	938	892	346	467	68	11	46	30	16	-
35 percent or more	1 945	1 849	911	777	126	35	96	70	17	5
Not computed	268	233	124	105	4	-	35	16	19	-
HEATING EQUIPMENT										
Steam or hot water	3 052	2 804	1 429	1 200	113	62	248	114	123	5
Warm-air furnace	1 587	1 554	533	831	159	31	33	15	18	6
Built-in electric units	343	339	127	190	22	-	4	-	4	-
Floor, wall, or pipeless furnace	154	154	49	80	25	-	-	-	-	-
Other means	460	436	189	190	49	8	24	20	-	4
None	4	-	-	-	-	-	4	4	-	-

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

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

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

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	4 145	11	18	69	332	1 088	1 243	774	610	5.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	3 980	8	23	48	315	1 078	1 196	742	570	5.9
PERSONS										
1 person	494	11	6	38	59	210	104	36	30	5.1
2 persons	1 030	-	8	26	136	337	334	118	71	5.5
3 persons	672	-	4	-	55	212	183	151	67	5.9
4 persons	656	-	-	-	29	137	269	125	96	6.1
5 persons	541	-	-	-	26	127	199	102	87	6.1
6 persons or more	752	-	-	5	27	65	154	242	259	7.0
Median	3.3	-	-	-	2.3	2.5	3.5	4.2	5.0	-
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	4 092	5	18	69	315	1 084	1 228	770	603	6.0
0.50 or less	1 993	-	6	38	189	543	615	301	301	5.9
0.51 to 1.00	1 778	5	8	26	73	476	518	403	269	6.1
1.01 to 1.50	299	-	4	-	47	61	88	66	33	5.9
1.51 or more	22	-	-	5	4	4	7	-	-	-
Lacking some or all plumbing facilities	53	6	-	-	17	4	15	4	7	-
0.50 or less	20	-	-	-	6	4	6	4	-	-
0.51 to 1.00	33	6	-	-	11	-	9	-	7	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-
BEDROOMS										
None and 1	144	-	-	101	21	22	-	-	-	-
2	999	-	-	-	249	635	83	32	-	4.9
3	1 885	-	-	-	70	351	911	387	166	6.1
4 or more	1 202	-	-	-	-	32	162	428	580	7.5
YEAR STRUCTURE BUILT										
1969 to March 1970	37	-	-	-	-	5	5	17	10	-
1960 to 1968	218	-	-	-	5	57	60	27	69	6.3
1950 to 1959	571	-	-	9	88	205	118	108	43	5.4
1949 or earlier	3 319	11	18	60	239	821	1 060	622	488	6.0
COMPLETE BATHROOMS										
1 and 1 1/2	3 500	8	17	34	294	988	1 098	653	408	5.9
2 or more	487	-	6	14	21	90	98	96	162	6.7
None or also used by another household	100	7	-	-	22	23	26	22	-	-
VALUE-INCOME RATIO										
Specified owner occupied¹	3 453	-	8	36	223	848	1 052	738	548	6.1
Less than 1.5	1 091	-	-	11	68	293	302	255	162	6.1
1.5 to 1.9	608	-	4	-	28	155	190	148	83	6.1
2.0 to 2.9	844	-	-	11	61	168	257	180	167	6.2
3.0 or more	875	-	4	14	66	226	290	139	136	5.9
Not computed	35	-	-	-	-	6	13	16	-	-
Renter occupied housing units	5 600	285	443	1 094	1 343	1 422	705	177	131	4.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	5 118	124	320	1 014	1 389	1 266	673	186	146	4.3
PERSONS										
1 person	1 663	253	289	615	283	163	49	5	6	3.0
2 persons	1 382	32	123	360	429	298	110	20	10	3.9
3 persons	1 002	-	17	86	358	356	161	19	5	4.6
4 persons	616	-	11	19	177	259	101	38	11	4.9
5 persons	360	-	-	14	43	196	85	11	11	5.1
6 persons or more	577	-	3	-	53	150	199	84	88	5.9
Median	2.3	1.1	1.3	1.4	2.4	3.2	3.8	5.1	6.2	-
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	5 287	162	357	1 035	1 308	1 417	705	177	126	4.2
0.50 or less	2 327	-	220	567	686	456	320	44	34	4.0
0.51 to 1.00	2 491	140	106	435	531	811	290	94	84	4.5
1.01 to 1.50	368	-	17	19	65	132	88	39	8	5.1
1.51 or more	101	22	14	14	26	18	7	-	-	3.5
Lacking some or all plumbing facilities	313	123	86	59	35	5	-	-	5	1.9
0.50 or less	153	-	69	48	26	5	-	-	5	2.7
0.51 to 1.00	145	113	17	11	4	-	-	-	-	1.1
1.01 to 1.50	5	-	-	-	5	-	-	-	-	-
1.51 or more	10	-	-	-	-	-	-	-	-	-
BEDROOMS										
None	385	324	61	-	-	-	-	-	-	-
1	1 890	-	478	1 034	256	122	-	-	-	3.0
2	2 095	-	-	48	655	1 223	169	-	-	4.8
3 or more	1 274	-	-	-	19	475	542	170	68	5.8
YEAR STRUCTURE BUILT										
1969 to March 1970	264	16	27	76	92	34	19	-	-	3.6
1960 to 1968	1 012	75	77	288	289	193	48	22	20	3.7
1950 to 1959	530	11	38	92	133	143	80	25	8	4.4
1949 or earlier	3 794	183	301	638	829	1 052	558	130	103	4.4
COMPLETE BATHROOMS										
1 and 1 1/2	5 073	131	320	1 020	1 396	1 265	668	163	110	4.3
2 or more	107	-	-	-	7	14	27	23	36	-
None or also used by another household	395	136	100	90	56	7	-	-	6	2.1
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	5 522	285	443	1 090	1 329	1 409	685	159	122	4.2
Less than 10 percent	296	19	33	23	76	69	38	32	6	4.5
10 to 14 percent	642	56	39	116	193	146	80	8	4	4.1
15 to 19 percent	736	41	67	158	210	146	84	15	15	4.0
20 to 24 percent	697	22	65	134	162	199	99	28	28	4.3
25 to 34 percent	938	45	53	200	223	290	72	23	32	4.3
35 percent or more	1 945	83	170	410	401	532	276	41	32	4.3
Not computed	268	19	16	49	64	67	36	12	5	4.3

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

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

Table A-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	4 145	3 575	563	7	5 600	952	1 553	764	688	830	813	-
ROOMS												
1 room	11	-	11	-	285	18	12	19	44	39	153	-
2 rooms	18	12	6	-	443	-	44	34	96	124	145	-
3 rooms	69	42	27	-	1 094	41	120	111	224	290	306	-
4 rooms	332	228	104	-	1 343	152	437	176	154	275	149	-
5 rooms	1 088	881	207	-	1 422	285	597	280	137	75	48	-
6 rooms	1 243	1 088	155	-	705	237	286	126	28	22	6	-
7 rooms	774	757	10	7	177	127	28	8	5	5	4	-
8 rooms or more	610	567	43	-	131	92	29	10	-	-	-	-
Median	5.9	6.1	5.1	...	4.2	5.4	4.8	4.7	3.4	3.4	2.9	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	4 092	3 552	533	7	5 287	941	1 522	730	616	718	746	-
0.50 or less	1 993	1 646	347	-	2 327	263	667	321	309	430	337	-
0.51 to 1.00	1 778	1 600	171	7	2 491	493	729	343	265	262	399	-
1.01 to 1.50	299	284	15	-	368	164	100	51	25	16	12	-
1.51 or more	22	22	-	-	101	21	26	15	17	10	12	-
Lacking some or all plumbing facilities	53	23	30	-	313	11	31	34	72	112	53	-
0.50 or less	20	14	6	-	153	5	21	4	27	85	11	-
0.51 to 1.00	33	9	24	-	145	6	5	30	35	27	42	-
1.01 to 1.50	-	-	-	-	5	-	5	-	-	-	-	-
1.51 or more	-	-	-	-	10	-	-	-	10	-	-	-
BEDROOMS												
None	18	-	18	-	385	21	-	-	77	39	248	-
1	124	110	16	-	1 890	18	325	200	204	619	524	-
2	999	727	272	-	2 095	228	903	462	179	186	137	-
3	1 885	1 696	189	-	972	386	218	163	136	44	25	-
4 or more	1 202	1 146	56	-	302	227	31	-	22	-	22	-
YEAR STRUCTURE BUILT												
1969 to March 1970	37	30	-	7	264	11	10	12	41	37	153	-
1965 to 1968	66	66	-	-	465	63	28	19	49	167	139	-
1960 to 1964	152	152	-	-	547	135	39	16	50	152	155	-
1950 to 1959	571	535	36	-	530	143	45	111	95	56	80	-
1940 to 1949	439	401	38	-	424	91	139	63	59	20	52	-
1939 or earlier	2 880	2 391	489	-	3 370	509	1 292	543	394	398	234	-
INCOME IN 1969												
Less than \$2,000	386	314	72	-	1 156	153	204	217	164	187	231	-
\$2,000 to \$2,999	188	127	61	-	620	104	161	87	94	85	89	-
\$3,000 to \$3,999	254	179	77	-	645	136	193	84	88	89	75	-
\$4,000 to \$4,999	241	225	16	-	520	92	124	75	97	75	57	-
\$5,000 to \$5,999	301	248	53	-	515	63	176	46	82	83	65	-
\$6,000 to \$6,999	276	214	62	-	379	56	147	71	37	39	35	-
\$7,000 to \$7,999	732	646	86	-	922	170	299	105	87	149	112	-
\$8,000 to \$8,999	1 058	995	56	7	597	112	201	66	28	92	98	-
\$9,000 to \$9,999	613	550	63	-	213	54	54	6	7	46	46	-
\$10,000 to \$14,999	94	77	17	-	33	12	-	7	4	5	5	-
\$15,000 or more	-	-	-	-	-	-	-	-	-	-	-	-
Median	\$8 700	\$9 200	\$6 000	...	\$4 700	\$4 900	\$5 500	\$3 900	\$4 000	\$5 000	\$4 200	-
YEAR MOVED INTO UNIT												
1969 to March 1970	676	590	76	10	2 924	458	727	363	404	460	512	-
1968	437	375	62	-	935	179	241	113	107	176	119	-
1967	255	231	24	-	443	77	152	66	70	39	39	-
1965 and 1966	470	422	48	-	582	148	209	72	53	69	31	-
1960 to 1964	967	802	105	-	394	71	143	63	61	7	49	-
1950 to 1959	923	772	151	-	230	14	94	58	31	16	17	-
1949 or earlier	419	336	83	-	67	22	7	-	-	24	14	-
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	5 522	874	1 533	764	688	830	813	-
Less than \$50 .....	...	...	...	...	290	27	11	20	83	71	78	-
\$50 to \$59 .....	...	...	...	...	177	5	17	15	46	28	66	-
\$60 to \$69 .....	...	...	...	...	318	38	102	53	55	52	18	-
\$70 to \$79 .....	...	...	...	...	356	41	80	43	95	41	56	-
\$80 to \$89 .....	...	...	...	...	1 033	118	351	175	118	154	117	-
\$90 to \$99 .....	...	...	...	...	958	127	390	197	89	80	75	-
\$100 to \$119 .....	...	...	...	...	1 375	266	395	217	115	200	182	-
\$120 to \$149 .....	...	...	...	...	769	160	170	39	81	149	170	-
\$150 to \$199 .....	...	...	...	...	170	53	22	5	-	50	40	-
\$200 to \$299 .....	...	...	...	...	5	-	-	-	-	5	-	-
\$300 or more .....	...	...	...	...	71	39	15	-	6	-	11	-
No cash rent .....	...	...	...	...	-	-	-	-	-	-	-	-
Median .....	...	...	...	...	\$112	\$127	\$111	\$108	\$92	\$117	\$118	-
HEATING EQUIPMENT												
Steam or hot water	1 829	1 480	349	-	3 052	292	874	466	472	526	422	-
Warm-air furnace	2 063	1 887	169	7	1 587	481	403	234	110	136	223	-
Built-in electric units	25	25	-	-	343	57	13	10	46	100	117	-
Floor, wall, or pipeless furnace	67	64	3	-	154	36	30	16	5	40	27	-
Other means	161	119	42	-	460	86	233	38	55	24	24	-
None	-	-	-	-	4	-	-	-	-	4	-	-
AIR CONDITIONING												
Room unit(s)	1 035	937	98	-	892	81	148	54	52	283	274	-
Central system	170	170	-	-	130	7	-	12	26	33	52	-
None	2 882	2 421	451	10	4 553	881	1 425	669	648	475	455	-
AUTOMOBILES AVAILABLE												
1	2 086	1 806	270	10	2 603	416	838	268	352	383	346	-
2	1 157	1 041	116	-	444	94	164	29	28	44	85	-
3 or more	135	131	4	-	32	11	-	6	8	-	7	-
None	709	550	159	-	2 496	448	571	432	338	364	343	-

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

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

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

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	4 145	40	566	740	1 071	310	176	24	630	94	294	200
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	4 092	40	560	736	1 066	306	176	24	608	94	288	194
0.50 or less	1 993	15	137	187	496	250	91	19	227	94	288	189
0.51 to 1.00	1 778	25	362	428	503	56	72	5	322			5
1.01 to 1.50	299		61	116	57		13		52			
1.51 or more	22			5	10				7			
Lacking some or all plumbing facilities	53		6	4	5	4			22		6	6
0.50 or less	20					4			10			6
0.51 to 1.00	33		6	4	5				12		6	
1.01 to 1.50												
1.51 or more												
UNITS IN STRUCTURE												
1	3 575	40	505	705	930	270	153	24	539	77	202	130
2 or more	563		54	35	141	40	23		91	17	92	70
Mobile home or trailer	7		7									
INCOME IN 1969												
Less than \$2,000	386	5	5		39	22	11	10	96	26	46	126
\$2,000 to \$2,999	188			16	23	38	9		30	6	31	30
\$3,000 to \$3,999	256	4	4	5	23	38	20	5	72	5	52	28
\$4,000 to \$4,999	241		5		29	35	13		119	17	23	
\$5,000 to \$5,999	301	4	41	10	64	43	12		74	9	44	6
\$6,000 to \$6,999	276		26	24	80	24	8		65		43	6
\$7,000 to \$9,999	732	18	121	169	176	34	33		99	31	41	10
\$10,000 to \$14,999	1 058	9	255	299	389	31	20		41		14	
\$15,000 to \$24,999	613		90	190	204	41	50	4	34			
\$25,000 or more	94		19	27	44	4						
Median	\$8 700	...	\$11 600	\$12 400	\$11 300	\$5 500	\$8 400	...	\$5 000	...	\$4 800	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	3 453	40	496	669	906	262	143	24	519	77	187	130
Less than 1.5	1 091	13	198	309	395	43	45	4	58		20	6
1.5 to 1.9	608	14	124	173	150	30	24		46	15	27	5
2.0 to 2.4	545		101	109	162	19	30		94	5	20	5
2.5 to 2.9	299		34	29	89	35	7		76	5	20	4
3.0 to 3.9	333	4	25	33	63	53	9	5	97	17	21	6
4.0 or more	542	4	14	16	47	82	28	15	129	35	79	93
Not computed	35	5							19			11
Renter occupied housing units	5 600	331	734	380	311	159	375	18	1 530	99	1 303	360
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	5 287	311	730	380	305	154	353	18	1 509	99	1 100	328
0.50 or less	2 327	43	128	131	131	79	151	8	324	44	999	289
0.51 to 1.00	2 491	246	460	222	141	70	168	10	983	51	101	39
1.01 to 1.50	368	16	117	21	23	5	14		168	4		
1.51 or more	101	6	25	6	10		20		34			
Lacking some or all plumbing facilities	313	20	4		6	5	22		21		203	32
0.50 or less	153	10				5	11		5		101	21
0.51 to 1.00	145	6	4				11		11		102	11
1.01 to 1.50	5								5			
1.51 or more	10	4			6							
UNITS IN STRUCTURE												
1	952	30	107	84	83	38	46	8	431	30	46	49
2 to 4	2 317	89	358	201	157	65	202	5	751	40	344	85
5 to 19	1 518	147	159	38	53	25	84	5	281	23	585	118
20 or more	813	65	110	57	18	31	43		67	6	308	108
Mobile home or trailer												
GROSS RENT												
Specified renter occupied ²	5 522	326	715	380	301	159	375	18	1 495	99	1 294	360
Less than \$50	290	4	6	4	11	9	10		17		117	112
\$50 to \$59	177					3	18	5	27		99	25
\$60 to \$69	318	15	21		14	13	28		67		114	46
\$70 to \$79	356	24	25	15	19	12	36		73	6	123	23
\$80 to \$99	1 033	62	98	34	63	17	67		342	42	251	57
\$100 to \$119	958	53	149	56	62	33	79		273	9	202	42
\$120 to \$149	1 375	83	195	149	75	38	62	13	435	18	276	31
\$150 to \$199	769	63	164	92	45	13	55		214	20	95	8
\$200 to \$299	170	6	52	26	12		10		42		17	5
\$300 or more	5		5									
No cash rent	71	16		4		21	10		5	4		11
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	5 522	326	715	380	301	159	375	18	1 495	99	1 294	360
Less than \$5,000	2 915	112	130	43	86	91	156	10	1 102	41	822	322
Less than 20 percent	108	4			6	4		5	12		77	
20 to 24 percent	176		8		15	6	11		52	12	48	24
25 to 34 percent	547	20	27	3	21	21	16		250	5	148	36
35 percent or more	1 853	81	90	35	44	42	118		710	24	458	251
Not computed	231	7	5	5		18	11	5	78		91	11
\$5,000 to \$9,999	1 769	139	348	143	128	35	187		336	21	398	34
Less than 20 percent	815	67	184	61	71	27	98		85	11	195	16
20 to 24 percent	465	32	88	47	27		61		92	10	103	5
25 to 34 percent	374	35	57	15	25	4	14		130		86	8
35 percent or more	92		19	16	5		9		29		14	
Not computed	23	5		4		4	5					5
\$10,000 to \$14,999	592	52	153	128	65	27	26		50	26	61	4
Less than 20 percent	520	47	140	116	60	27	16		45	19	50	
20 to 24 percent	51	5	13	5			5		5	3	11	4
25 percent or more	17			7	5		5					
Not computed	4									4		
\$15,000 or more	246	23	84	66	22	6	6	8	7	11	13	
Less than 20 percent	231	19	79	66	22		6	8	7	11	13	
20 to 24 percent	5		5									
25 percent or more												
Not computed	10	4				6						

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

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

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

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

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	4 145	494	1 030	672	656	541	265	271	216	3.3
BEDROOMS										
None and 1	144	68	33	21	22	-	-	-	-	...
2	999	234	336	195	180	36	18	-	-	2.3
3	1 885	52	535	410	318	297	174	74	25	3.4
4 or more	1 202	88	202	121	103	178	149	199	162	5.0
YEAR STRUCTURE BUILT										
1969 to March 1970	37	-	-	5	22	5	-	5	-	...
1965 to 1968	66	-	15	17	19	11	4	-	-	...
1960 to 1964	152	-	23	36	16	33	24	4	16	4.5
1950 to 1959	571	44	158	112	115	62	28	44	8	3.2
1940 to 1949	439	34	69	68	92	78	45	17	36	4.0
1939 or earlier	2 880	416	765	434	392	352	164	201	156	3.1
UNITS IN STRUCTURE										
1	3 575	332	840	599	586	501	255	260	202	3.5
2 or more	563	162	190	73	63	40	10	11	14	2.1
Mobile home or trailer	7	-	-	-	7	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	3 500	437	859	585	568	452	193	209	197	3.3
2 and 2 1/2	435	7	127	35	75	73	31	59	28	4.1
3 or more	52	11	-	6	8	7	-	-	13	...
None or also used by another household	100	27	33	28	12	-	-	-	-	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 651	...	1 030	672	656	541	265	271	216	3.7
Male head, wife present, no nonrelatives	2 727	...	723	501	525	435	206	199	138	3.8
Under 25 years	40	...	11	9	5	15	-	-	-	...
25 to 34 years	566	...	53	132	149	104	37	52	39	4.2
35 to 44 years	740	...	96	105	138	172	100	79	50	4.7
45 to 64 years	1 071	...	363	179	214	139	59	68	49	3.5
65 years and over	310	...	200	76	19	5	10	-	-	2.3
Other male head	200	...	84	39	33	19	4	-	21	2.9
Under 65 years	176	...	70	29	33	19	4	-	21	3.1
65 years and over	24	...	14	10	-	-	-	-	-	...
Female head	724	...	223	132	98	87	55	72	57	3.6
Under 65 years	630	...	150	111	98	87	55	72	57	4.1
65 years and over	94	...	73	21	-	-	-	-	-	...
One-person households	494	494	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied ¹	3 453	317	813	575	565	481	250	255	197	3.5
Less than 1.5	1 091	26	221	177	219	203	79	97	69	4.1
1.5 to 1.9	608	32	120	86	139	79	61	37	54	4.0
2.0 to 2.4	545	25	124	108	88	61	56	52	31	3.7
2.5 to 2.9	299	24	96	50	50	49	14	24	16	3.6
3.0 to 3.9	333	27	96	98	24	53	17	13	5	2.9
4.0 or more	542	172	147	80	45	27	17	32	22	2.2
Not computed	35	11	9	-	-	9	6	-	-	...
Renter occupied housing units	5 600	1 663	1 382	1 002	616	360	253	173	151	2.3
BEDROOMS										
None	385	324	61	-	-	-	-	-	-	...
1	1 890	1 051	648	145	46	-	-	-	-	1.4
2	2 095	203	668	577	255	178	137	77	-	2.8
3 or more	1 274	17	140	216	283	222	215	106	75	4.4
YEAR STRUCTURE BUILT										
1969 to March 1970	264	90	80	49	10	17	14	-	4	2.0
1965 to 1968	465	164	115	62	53	23	21	14	13	2.1
1960 to 1964	547	177	126	90	57	47	18	20	12	2.3
1950 to 1959	530	94	128	111	88	35	25	35	14	2.9
1940 to 1949	424	70	115	69	70	57	28	8	7	2.9
1939 or earlier	3 370	1 068	818	621	338	181	147	96	101	2.3
UNITS IN STRUCTURE										
1	952	95	132	144	162	144	101	86	68	4.1
2	1 553	287	390	382	217	99	92	56	30	2.8
3 and 4	764	162	197	172	94	72	26	23	18	2.6
5 to 9	688	277	173	107	63	29	23	5	11	1.9
10 to 19	830	426	216	128	47	6	7	-	-	1.3
20 or more	813	416	274	69	33	10	4	3	4	1.5
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-
COMPLETE BATHROOMS										
1 and 1 1/2	5 073	1 393	1 207	1 038	586	322	222	154	151	2.4
2 or more	107	4	23	6	28	-	-	20	26	...
None or also used by another household	395	288	90	6	-	6	-	5	-	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 937	...	1 382	1 002	616	360	253	173	151	3.1
Male head, wife present, no nonrelatives	1 915	...	718	495	276	197	112	58	59	3.0
Under 25 years	331	...	145	119	53	6	8	-	-	2.7
25 to 34 years	734	...	171	208	135	85	75	30	30	3.4
35 to 44 years	380	...	108	97	51	75	25	11	13	3.3
45 to 64 years	311	...	164	66	18	31	4	-	11	2.4
65 years and over	159	...	130	5	19	-	-	-	5	2.1
Other male head	393	...	234	103	25	-	8	16	7	2.3
Under 65 years	375	...	229	95	20	-	8	16	7	2.3
65 years and over	18	...	5	8	5	-	-	-	-	...
Female head	1 629	...	430	382	315	163	133	99	85	3.5
Under 65 years	1 530	...	370	382	315	156	123	99	85	3.5
65 years and over	99	...	60	22	7	7	10	-	-	...
One-person households	1 663	1 663	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	5 522	1 654	1 372	985	591	360	253	168	139	2.3
Less than 10 percent	296	53	115	83	9	12	10	7	7	2.3
10 to 14 percent	642	124	211	129	59	60	21	26	12	2.4
15 to 19 percent	736	174	183	139	65	75	49	20	31	2.6
20 to 24 percent	697	195	178	150	78	32	31	26	7	2.4
25 to 34 percent	938	278	198	145	149	60	54	40	14	2.5
35 percent or more	1 945	723	429	307	188	110	71	49	68	2.1
Not computed	268	107	58	32	43	11	17	-	-	2.0

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

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

Table B-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]

Bloomington	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	15 666	--	24	75	209	373	2 268	4 206	5 904	2 190	417	26 100
ROOMS												
1 and 2 rooms	37	--	6	--	5	4	11	--	11	--	--	...
3 rooms	106	--	3	15	30	21	16	6	4	11	--	13 100
4 rooms	997	--	--	44	111	150	463	167	53	9	--	17 400
5 rooms	5 515	--	8	10	54	108	1 199	2 234	1 778	124	--	23 100
6 rooms	4 289	--	7	6	9	85	431	1 228	2 040	447	36	26 900
7 rooms	2 445	--	--	--	--	5	97	413	1 250	600	80	30 700
8 rooms or more	2 277	--	--	--	--	--	51	158	768	999	301	37 400
Median	5.8	...	...	...	4.1	4.6	5.0	5.4	6.0	7.3	7.5+	...
PERSONS												
1 person	472	--	10	27	53	39	122	75	92	46	8	19 400
2 persons	2 255	--	14	25	72	85	478	576	722	252	31	23 900
3 persons	2 502	--	--	--	27	65	376	776	959	236	63	25 100
4 persons	4 001	--	--	5	49	76	467	1 097	1 555	662	90	27 000
5 persons	3 295	--	--	7	4	59	434	808	1 379	482	122	27 400
6 persons or more	3 141	--	--	11	4	49	391	874	1 197	512	103	27 000
Median	4.2	...	...	...	2.2	3.5	3.8	4.1	4.3	4.3	4.6	...
Units with roomers, boarders, or lodgers	199	--	--	--	--	--	51	64	42	25	17	23 800
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	15 546	--	17	71	205	368	2 241	4 185	5 868	2 174	417	26 200
0.50 or less	4 620	--	11	42	96	120	679	906	1 621	897	248	27 800
0.51 to 1.00	9 513	--	6	17	105	186	1 212	2 752	3 851	1 215	169	26 200
1.01 to 1.50	1 275	--	--	12	4	55	309	486	352	57	--	22 600
1.51 or more	138	--	--	--	--	7	41	41	44	5	--	22 600
Lacking some or all plumbing facilities	120	--	7	4	4	5	27	21	36	16	--	23 100
0.50 or less	44	--	7	--	4	5	--	5	18	5	--	...
0.51 to 1.00	62	--	--	4	--	--	--	23	11	--	--	...
1.01 to 1.50	14	--	--	--	--	--	--	4	5	--	--	...
1.51 or more	--	--	--	--	--	--	--	--	--	--	--	...
BEDROOMS												
None and 1	256	--	--	40	34	33	128	21	--	--	--	...
2	2 119	--	--	40	158	130	1 022	354	307	108	--	18 700
3	9 475	--	--	--	20	120	990	3 288	3 879	1 075	163	26 000
4 or more	3 790	--	--	--	--	21	208	653	1 414	1 229	265	32 200
YEAR STRUCTURE BUILT												
1969 to March 1970	435	--	--	--	--	--	--	10	85	245	95	42 500
1965 to 1968	2 073	--	--	--	--	4	68	195	799	870	137	34 600
1960 to 1964	2 796	--	--	--	4	--	102	520	1 553	557	60	30 000
1950 to 1959	8 740	--	--	6	82	174	1 501	3 131	3 304	457	85	24 200
1940 to 1949	1 010	--	13	39	74	143	337	214	129	44	17	18 800
1939 or earlier	612	--	11	30	49	52	260	136	34	17	23	18 000
COMPLETE BATHROOMS												
1 and 1 1/2	11 163	--	22	56	189	371	2 092	3 545	4 203	647	38	24 000
2 and 2 1/2	3 958	--	--	--	--	5	130	599	1 701	1 274	249	32 300
3 or more	391	--	--	--	--	--	7	26	41	185	132	44 900
None or also used by another household	181	--	11	11	16	--	35	29	60	19	--	23 000
HOUSEHOLD COMPOSITION												
Two-or-more-person households	15 194	--	14	48	156	334	2 146	4 131	5 812	2 144	409	26 300
Male head, wife present, no nonrelatives	14 334	--	14	41	124	296	1 921	3 900	5 549	2 091	398	26 600
Under 25 years	204	--	--	--	--	22	39	68	75	--	--	23 000
25 to 34 years	3 786	--	--	--	19	108	520	1 033	1 588	458	60	26 000
35 to 44 years	5 253	--	--	21	17	29	499	1 439	2 149	900	199	27 900
45 to 64 years	4 662	--	8	9	53	118	758	1 236	1 640	709	131	25 900
65 years and over	429	--	6	11	35	19	105	124	97	24	8	21 600
Other male head	228	--	--	--	4	13	41	77	48	39	6	23 600
Under 65 years	191	--	--	--	4	8	31	71	40	31	6	23 700
65 years and over	37	--	--	--	--	5	10	6	8	8	--	...
Female head	632	--	7	28	25	184	154	154	215	14	5	22 300
Under 65 years	590	--	7	21	15	184	139	139	209	10	5	22 400
65 years and over	42	--	--	7	10	--	15	6	6	4	--	...
One-person households	472	--	10	27	53	39	122	75	92	46	8	19 400
Under 65 years	266	--	3	6	18	13	79	53	61	30	3	21 300
65 years and over	206	--	7	21	35	26	43	22	31	16	5	18 100
INCOME IN 1969												
Less than \$2,000	235	--	--	12	26	33	66	49	43	6	--	18 900
\$2,000 to \$2,999	113	--	7	11	4	4	33	17	29	8	--	19 700
\$3,000 to \$3,999	163	--	--	6	27	--	57	51	17	5	--	19 000
\$4,000 to \$4,999	221	--	9	7	28	17	67	30	49	14	--	18 900
\$5,000 to \$5,999	180	--	--	5	4	5	51	43	67	5	--	22 900
\$6,000 to \$6,999	258	--	--	8	5	5	56	91	48	31	10	22 800
\$7,000 to \$9,999	1 842	--	--	15	35	108	525	575	529	45	10	22 100
\$10,000 to \$14,999	6 559	--	8	11	70	160	907	2 157	2 619	582	45	24 900
\$15,000 to \$24,999	5 004	--	--	--	10	37	481	1 073	2 133	1 097	173	29 200
\$25,000 or more	1 091	--	--	--	--	--	25	120	370	397	179	36 200
Median	\$13 700	...	...	...	\$7 900	\$10 300	\$11 500	\$12 900	\$14 100	\$18 600	\$23 300	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 744	--	--	--	10	31	129	263	763	432	116	30 800
1968	1 622	--	--	4	--	35	144	341	686	347	65	29 200
1967	1 438	--	--	7	--	38	195	338	544	267	49	27 600
1965 and 1966	2 298	--	--	--	26	59	296	614	855	372	76	26 800
1960 to 1964	3 581	--	--	13	62	81	476	971	1 530	391	57	26 200
1950 to 1959	4 583	--	--	16	73	99	899	1 573	1 585	291	47	23 800
1949 or earlier	427	--	33	27	34	33	125	99	42	25	9	18 900
HEATING EQUIPMENT												
Steam or hot water	645	--	--	15	10	21	151	130	143	139	36	24 800
Warm-air furnace	14 519	--	11	31	160	283	1 995	4 007	5 640	2 016	376	26 400
Built-in electric units	71	--	--	5	5	11	4	10	20	16	--	...
Floor, wall, or pipeless furnace	183	--	--	10	13	29	66	11	45	4	5	17 900
Other means	248	--	13	14	21	29	52	48	56	15	--	19 700
None	--	--	--	--	--	--	--	--	--	--	--	--
AIR CONDITIONING												
Room units	5 559	--	17	19	84	93	939	1 808	2 147	409	43	24 500
Central systems	2 197	--	--	--	--	11	74	257	877	711	267	33 600
None	7 937	--	16	48	121	272	1 251	2 134	2 981	1 005	109	25 400

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

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

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

Bloomington	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	5 425	4	-	-	9	50	65	541	2 808	1 700	127	121	185
ROOMS													
1 room	86	4	-	-	-	-	13	47	18	-	-	4	...
2 rooms	314	-	-	-	-	10	5	113	152	24	5	5	159
3 rooms	1 762	-	-	-	-	12	14	265	1 286	168	-	17	173
4 rooms	2 039	-	-	-	9	18	33	85	1 063	786	16	29	190
5 rooms	821	-	-	-	-	4	-	31	248	485	43	10	225
6 rooms	227	-	-	-	-	6	-	-	32	145	19	25	243
7 rooms	106	-	-	-	-	-	-	-	4	56	27	19	...
8 rooms or more	70	-	-	-	-	-	-	-	5	36	17	12	...
Median	3.8	...	...	...	...	...	...	2.9	3.5	4.3	5.5	5.1	...
PERSONS													
1 person	1 162	-	-	-	-	18	5	216	692	211	5	15	174
2 persons	2 307	4	-	-	-	21	24	230	1 403	553	32	40	180
3 persons	990	-	-	-	9	6	19	66	407	453	8	22	197
4 persons	638	-	-	-	-	5	7	29	218	319	44	16	216
5 persons	210	-	-	-	-	-	10	-	51	103	28	18	234
6 persons or more	118	-	-	-	-	-	-	-	37	61	10	10	228
Median	2.2	...	...	...	...	...	...	1.7	2.0	2.7	3.9	2.8	...
Units with roomers, boarders, or lodgers	441	4	-	-	-	6	-	15	178	233	5	-	208
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	5 403	4	-	-	9	50	60	541	2 799	1 700	127	113	185
0.50 or less	2 356	-	-	-	-	28	11	226	1 246	761	37	47	186
0.51 to 1.00	2 852	-	-	-	9	22	26	301	1 489	859	90	56	185
1.01 to 1.50	151	-	-	-	-	-	10	14	42	75	-	10	206
1.51 or more	44	4	-	-	-	-	13	-	22	5	-	-	...
Lacking some or all plumbing facilities	22	-	-	-	-	-	5	-	9	-	-	8	...
0.50 or less	13	-	-	-	-	-	-	-	9	-	-	4	...
0.51 to 1.00	9	-	-	-	-	-	5	-	-	-	-	4	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-	...
BEDROOMS													
None	110	-	-	-	-	-	50	60	-	-	-	-	...
1	2 485	-	-	-	-	-	-	348	1 794	323	-	20	175
2	2 346	-	-	-	-	25	60	98	1 054	1 030	40	39	196
3 or more	539	-	-	-	-	-	-	-	93	318	61	67	245
YEAR STRUCTURE BUILT													
1969 to March 1970	549	-	-	-	-	-	-	4	211	291	43	-	220
1965 to 1968	2 273	-	-	-	5	-	-	148	1 236	824	44	16	189
1960 to 1964	1 750	-	-	-	-	24	24	231	1 041	354	22	54	177
1950 to 1959	547	-	-	-	-	10	27	106	207	157	14	26	178
1940 to 1949	176	-	-	-	4	7	10	32	61	41	4	17	172
1939 or earlier	130	4	-	-	-	9	4	20	52	33	-	8	173
ELEVATOR IN STRUCTURE													
4 floors or more	108	-	-	-	-	-	-	-	45	43	20	-	...
With elevator	108	-	-	-	-	-	-	-	45	43	20	-	...
Walk-up	-	-	-	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	5 372	-	-	-	-	25	110	506	2 896	1 628	81	126	184
COMPLETE BATHROOMS													
1 and 1 1/2	5 177	6	-	-	11	52	36	545	2 741	1 605	106	75	185
2 or more	198	-	-	-	-	-	-	6	10	119	28	35	255
None or also used by another household	40	-	-	-	-	5	8	-	15	-	-	12	...
INCOME IN 1969													
Less than \$2,000	317	4	-	-	-	5	12	58	139	95	-	4	178
\$2,000 to \$2,999	218	-	-	-	-	-	6	18	120	74	-	-	185
\$3,000 to \$3,999	216	-	-	-	-	5	-	16	112	79	-	4	188
\$4,000 to \$4,999	180	-	-	-	-	4	-	43	85	35	6	7	173
\$5,000 to \$5,999	438	-	-	-	-	6	-	64	215	142	-	11	183
\$6,000 to \$6,999	323	-	-	-	-	5	9	24	176	92	-	17	183
\$7,000 to \$9,999	1 198	-	-	-	4	7	15	164	656	303	17	32	180
\$10,000 to \$14,999	1 620	-	-	-	5	11	23	118	863	531	47	22	187
\$15,000 to \$24,999	783	-	-	-	-	7	-	36	402	284	42	12	193
\$25,000 or more	132	-	-	-	-	-	-	-	40	65	15	12	231
Median	\$9 600	...	...	...	...	...	...	\$7 900	\$9 500	\$10 300	\$14 300	\$8 600	...
YEAR MOVED INTO UNIT													
1969 to March 1970	3 359	6	-	-	11	21	17	315	1 641	1 188	127	33	189
1968	939	-	-	-	-	-	7	83	537	280	7	25	184
1967	523	-	-	-	-	-	14	71	291	115	-	32	178
1965 and 1966	353	-	-	-	-	16	6	22	214	89	-	6	180
1960 to 1964	180	-	-	-	-	20	-	44	71	30	-	15	163
1950 to 1959	29	-	-	-	-	-	-	9	12	8	-	-	...
1949 or earlier	32	-	-	-	-	-	-	7	-	14	-	11	...
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	142	-	-	-	9	18	-	14	66	35	-	...	173
10 to 14 percent	698	-	-	-	-	12	23	104	423	131	5	...	175
15 to 19 percent	1 068	-	-	-	-	-	15	119	700	219	15	...	179
20 to 24 percent	847	-	-	-	-	6	9	77	458	277	20	...	186
25 to 34 percent	1 000	-	-	-	-	9	-	85	481	387	38	...	192
35 percent or more	1 525	-	-	-	-	5	18	142	676	635	49	...	194
Not computed	145	4	-	-	-	-	-	-	4	16	-	121	...
AIR CONDITIONING													
Room unit(s)	4 107	-	-	-	6	31	19	445	2 384	1 170	-	52	182
Central system	711	-	-	-	-	-	-	46	184	370	96	15	232
None	597	6	-	-	5	26	25	60	198	184	38	55	188

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

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

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

Bloomington	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	16 341	258	132	203	247	210	295	1 962	6 763	5 138	1 133	13 600
ROOMS												
1 and 2 rooms	68	4	4	-	6	12	10	11	21	-	-	...
3 rooms	196	30	13	21	3	11	27	47	35	4	5	6 700
4 rooms	1 211	69	21	66	93	31	30	307	427	144	23	9 900
5 rooms	5 653	73	54	64	95	92	108	885	2 729	1 423	130	12 700
6 rooms	4 386	38	35	39	22	26	80	474	1 988	1 481	203	13 700
7 rooms or more	4 827	44	5	13	28	38	40	238	1 563	2 086	772	17 100
PERSONS												
1 person	611	131	66	60	43	39	61	94	105	12	-	5 100
2 persons	2 430	23	37	70	91	60	99	307	1 054	523	166	12 500
3 and 4 persons	6 745	63	22	42	78	69	85	956	2 888	2 084	458	13 600
5 persons	3 339	26	7	16	35	19	22	300	1 398	1 284	232	14 500
6 persons or more	3 216	15	-	15	-	23	28	305	1 318	1 235	277	14 600
Units with roomers, boarders, or lodgers	235	11	13	18	9	10	10	43	57	54	10	10 300
BEDROOMS												
Less than 3	2 877	125	109	121	102	170	57	657	977	494	65	10 500
3	9 615	82	80	73	36	92	67	1 071	4 471	2 985	658	13 700
4 or more	3 891	20	20	-	24	24	-	221	1 249	1 896	437	17 000
YEAR STRUCTURE BUILT												
1969 to March 1970	466	-	-	12	-	-	10	16	128	231	69	17 900
1960 to 1968	5 195	68	34	38	44	53	73	462	2 003	1 844	576	14 600
1950 to 1959	8 975	118	51	107	116	111	153	1 140	4 056	2 708	415	13 300
1949 or earlier	1 705	72	47	46	87	46	59	344	576	355	73	11 300
YEAR MOVED INTO UNIT												
1969 to March 1970	1 823	15	17	21	29	12	33	240	793	528	135	13 400
1968	1 729	6	-	5	12	20	34	261	791	486	114	13 300
1960 to 1967	7 658	125	43	87	99	63	161	934	3 282	2 290	574	13 500
1959 or earlier	5 135	123	43	95	137	83	118	525	1 934	1 756	321	13 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	14 517	135	107	108	104	188	80	1 523	6 085	5 114	1 073	14 100
Clothes dryer	14 564	111	107	126	100	183	100	1 657	6 022	5 102	1 056	14 100
Dishwasher	7 220	77	-	87	42	39	-	438	2 685	3 011	841	15 800
Home food freezer	8 259	71	21	71	61	75	40	986	3 446	2 838	650	14 100
Owned second home	1 144	-	21	-	-	-	-	46	380	550	151	17 300
With air conditioning	8 144	95	44	108	133	104	165	832	3 170	2 735	758	14 100
Room unit(s)	5 845	95	33	89	120	92	126	719	2 575	1 710	286	13 200
Central system	2 299	-	11	19	13	12	39	113	595	1 025	472	18 400
Automobiles available:												
1	5 638	141	78	124	209	117	207	1 082	2 442	1 105	133	11 800
2	8 868	47	16	30	32	38	126	811	3 926	3 062	780	14 200
3 or more	1 614	-	-	6	14	7	8	54	401	893	231	18 500
Renter occupied housing units	5 490	322	218	216	180	438	329	1 219	1 641	789	138	9 600
ROOMS												
1 room	86	15	11	4	5	4	-	25	17	5	-	...
2 rooms	314	38	4	20	11	29	10	85	73	38	6	8 600
3 rooms	1 766	117	73	76	56	165	125	309	580	235	30	9 600
4 rooms	2 055	103	82	77	51	152	105	562	601	282	40	9 400
5 rooms	821	28	21	27	31	71	62	192	225	140	24	9 700
6 rooms or more	448	21	27	12	26	17	27	46	145	89	38	11 700
PERSONS												
1 person	1 166	147	43	43	58	88	58	270	316	117	26	8 600
2 persons	2 329	103	90	119	60	221	162	451	683	382	58	9 700
3 and 4 persons	1 661	61	85	47	51	115	87	438	496	248	33	9 600
5 persons	216	11	-	-	-	5	22	44	110	24	-	11 200
6 persons or more	118	-	-	7	11	9	-	16	36	18	21	12 200
Units with roomers, boarders, or lodgers	441	39	29	36	11	67	47	106	82	20	4	6 800
BEDROOMS												
None	110	40	25	-	-	-	-	30	15	-	-	...
1	2 506	166	101	203	128	131	114	563	722	335	43	9 200
2	2 346	90	88	57	87	149	102	771	622	323	57	9 300
3 or more	558	38	19	21	19	-	-	75	190	138	58	12 800
YEAR STRUCTURE BUILT												
1969 to March 1970	549	30	18	15	17	36	17	82	208	100	26	11 400
1960 to 1968	4 034	213	167	168	122	324	251	922	1 179	599	89	9 500
1950 to 1959	559	51	14	24	18	41	40	122	177	66	6	9 300
1949 or earlier	348	28	19	9	23	37	21	93	77	24	17	8 200
YEAR MOVED INTO UNIT												
1969 to March 1970	3 394	213	136	137	112	338	204	677	1 048	446	83	9 500
1968	962	-	26	24	20	76	94	237	298	157	30	10 100
1960 to 1967	1 071	89	42	27	25	69	65	201	355	185	13	10 200
1959 or earlier	61	6	6	-	5	15	-	15	-	8	6	...
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	5 425	317	218	216	180	438	323	1 198	1 620	783	132	9 600
Less than 15 percent	840	-	-	-	-	-	5	11	179	535	110	19 200
15 to 19 percent	1 068	-	-	-	-	-	-	154	756	148	10	12 500
20 to 24 percent	847	-	-	-	-	6	9	363	398	71	-	10 600
25 to 34 percent	1 000	-	-	5	4	87	161	487	244	12	-	8 500
35 percent or more	1 525	289	218	207	169	334	131	151	21	5	-	4 300
Not computed	145	28	-	4	7	11	17	32	22	12	12	7 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	2 560	173	62	164	95	106	94	544	861	406	55	10 200
Clothes dryer	2 585	136	62	164	120	106	94	525	882	441	55	10 500
Dishwasher	1 434	23	58	42	81	57	-	391	426	260	96	10 800
Home food freezer	331	-	-	-	19	24	-	36	81	135	36	...
Owned second home	320	18	23	-	18	-	-	55	105	82	19	...
With air conditioning	4 838	269	190	149	121	445	312	974	1 523	737	118	9 900
Room unit(s)	4 121	257	183	130	116	406	277	841	1 254	560	97	9 500
Central system	717	12	7	19	5	39	35	133	269	177	21	12 000
Automobiles available:												
1	2 838	144	120	69	109	269	189	694	912	297	35	9 200
2	2 009	109	21	63	33	158	102	305	680	448	90	11 600
3 or more	435	-	57	23	5	32	62	112	94	43	7	8 000

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

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

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

Bloomington	With all plumbing facilities					Lacking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	16 341	16 207	4 947	9 818	1 295	147	134	54	66	14
PERSONS										
1 person	611	591	591	-	-	-	20	20	-	-
2 persons	2 430	2 399	2 302	97	-	-	31	19	12	-
3 persons	2 655	2 633	2 243	1 281	9	-	22	10	12	-
4 persons	4 090	4 069	557	3 498	4	10	21	5	16	-
5 persons	3 339	3 313	254	2 957	93	9	26	-	26	-
6 persons or more	3 216	3 202	-	1 885	1 189	128	14	-	-	14
Median	4.1	4.1	2.3	4.5	6.6	7.5+	3.2	...	...	...
Units with roomers, boarders, or lodgers	235	229	40	127	52	10	6	6	-	-
YEAR STRUCTURE BUILT										
1969 to March 1970	463	463	212	237	14	-	-	-	-	-
1965 to 1968	2 199	2 175	756	1 274	132	13	24	13	5	6
1960 to 1964	2 997	2 972	897	1 888	159	28	25	-	25	-
1950 to 1959	8 970	8 909	2 493	5 456	862	98	61	24	24	13
1940 to 1949	1 042	1 027	336	572	101	18	15	11	4	-
1939 or earlier	674	669	345	271	53	-	5	5	-	-
INCOME IN 1969										
Less than \$2,000	258	250	162	79	5	4	8	8	-	-
\$2,000 to \$2,999	132	119	99	16	4	-	13	13	-	-
\$3,000 to \$3,999	203	203	122	76	-	-	-	-	-	-
\$4,000 to \$4,999	247	247	142	98	7	-	-	-	-	-
\$5,000 to \$5,999	210	210	103	95	9	5	-	-	-	-
\$6,000 to \$6,999	295	291	168	119	-	4	4	-	4	-
\$7,000 to \$9,999	1 962	1 944	489	1 219	201	35	18	9	9	5
\$10,000 to \$14,999	6 763	6 700	1 854	4 209	589	48	63	18	40	5
\$15,000 to \$24,999	5 138	5 124	1 311	3 361	411	41	14	6	4	4
\$25,000 or more	1 133	1 119	497	548	69	5	14	9	9	5
Median	\$13 600	\$13 600	\$13 200	\$13 800	\$13 600	\$12 100	\$11 900	...	...	...
VALUE-INCOME RATIO										
Specified owner occupied	15 666	15 546	4 620	9 513	1 275	138	120	44	62	14
Less than 1.5	3 391	3 359	892	2 073	371	23	32	6	17	9
1.5 to 1.9	4 212	4 180	1 104	2 609	419	46	32	10	22	-
2.0 to 2.4	3 538	3 517	901	2 271	319	26	21	8	8	5
2.5 to 2.9	2 049	2 042	615	1 300	107	20	7	7	-	-
3.0 to 3.9	1 471	1 447	509	883	41	14	24	9	15	-
4.0 or more	966	962	573	362	18	9	4	4	-	-
Not computed	39	39	24	15	-	-	-	-	-	-
HEATING EQUIPMENT										
Steam or hot water	717	711	235	422	34	20	6	-	6	-
Warm-air furnace	15 077	14 972	4 467	9 163	1 220	122	105	39	52	14
Built-in electric units	76	76	38	38	-	-	-	-	-	-
Floor, wall, or pipeless furnace	191	187	73	100	14	-	4	-	4	-
Other means	280	261	134	95	-	-	19	15	4	-
None	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	5 490	5 463	2 393	2 875	151	44	27	18	9	-
PERSONS										
1 person	1 166	1 154	1 089	65	-	-	12	8	4	-
2 persons	2 329	2 314	1 185	1 112	-	17	15	10	5	-
3 persons	1 005	1 005	92	900	13	-	-	-	-	-
4 persons	656	656	15	612	23	6	-	-	-	-
5 persons	216	216	12	152	47	5	-	-	-	-
6 persons or more	118	118	-	34	68	16	-	-	-	-
Median	2.2	2.2	1.6	2.8	5.3	...	...	...	...	...
Units with roomers, boarders, or lodgers	441	441	201	226	10	4	-	-	-	-
YEAR STRUCTURE BUILT										
1969 to March 1970	536	536	295	241	-	-	-	-	-	-
1965 to 1968	2 320	2 315	1 046	1 254	15	-	5	5	-	-
1960 to 1964	1 700	1 700	722	923	45	10	-	-	-	-
1950 to 1959	561	555	184	315	50	6	6	6	6	8
1940 to 1949	170	156	49	84	16	7	14	6	8	-
1939 or earlier	201	201	83	94	18	6	-	-	-	-
INCOME IN 1969										
Less than \$2,000	322	313	196	97	9	11	9	9	-	-
\$2,000 to \$2,999	218	218	81	131	-	6	-	-	-	-
\$3,000 to \$3,999	216	212	91	114	7	-	4	-	4	-
\$4,000 to \$4,999	180	180	108	57	15	-	-	-	-	-
\$5,000 to \$5,999	438	438	186	240	4	6	-	-	-	-
\$6,000 to \$6,999	329	324	162	158	4	-	5	5	-	-
\$7,000 to \$9,999	1 219	1 215	542	620	43	10	4	4	5	-
\$10,000 to \$14,999	1 641	1 636	622	959	44	11	5	-	-	-
\$15,000 to \$24,999	789	789	330	445	14	-	-	-	-	-
\$25,000 or more	138	138	73	54	11	-	-	-	-	-
Median	\$9 600	\$9 600	\$9 100	\$10 100	\$9 500	...	...	...	...	...
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied	5 423	5 403	2 356	2 852	151	44	22	13	9	-
Less than 10 percent	142	142	69	69	4	-	-	-	5	-
10 to 14 percent	698	693	265	416	12	-	5	-	-	-
15 to 19 percent	1 068	1 068	422	604	31	11	-	-	-	-
20 to 24 percent	847	847	344	475	23	5	-	-	-	-
25 to 34 percent	1 000	996	455	510	25	6	-	-	-	-
35 percent or more	1 525	1 520	743	718	41	18	5	5	5	4
Not computed	145	137	58	60	15	4	8	4	4	-
HEATING EQUIPMENT										
Steam or hot water	2 872	2 867	1 347	1 443	62	15	5	5	-	-
Warm-air furnace	1 907	1 899	726	1 065	79	29	8	8	-	-
Built-in electric units	515	511	270	241	-	-	4	-	4	-
Floor, wall, or pipeless furnace	122	122	41	71	10	-	10	5	5	-
Other means	74	64	9	55	-	-	-	-	-	-
None	-	-	-	-	-	-	-	-	-	-

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

Bloomington	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	16 341	6	62	196	1 211	5 653	4 386	2 487	2 340	5.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	16 147	8	33	188	1 264	5 547	4 446	2 416	2 245	5.7
PERSONS										
1 person.....	611	-	16	84	199	191	90	21	10	4.5
2 persons.....	2 430	-	28	81	411	971	576	225	138	5.2
3 persons.....	2 655	-	9	19	262	1 112	742	293	218	5.4
4 persons.....	4 090	6	4	4	205	1 445	1 235	629	562	5.8
5 persons.....	3 339	-	5	4	93	1 202	852	649	534	5.9
6 persons or more	3 216	-	-	4	41	732	891	670	878	6.4
Median	4.1	...	...	1.7	2.5	3.9	4.1	4.6	5.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	16 207	6	58	180	1 196	5 614	4 353	2 471	2 329	5.7
0.50 or less	4 947	-	12	84	599	1 158	1 389	534	1 171	5.9
0.51 to 1.00	9 818	-	28	84	463	3 733	2 577	1 839	1 094	5.7
1.01 to 1.50	1 295	-	9	4	117	659	369	78	59	5.3
1.51 or more	147	6	9	8	17	64	18	20	5	5.0
Lacking some or all plumbing facilities	134	-	4	16	15	39	33	16	11	5.3
0.50 or less	54	-	4	-	11	4	19	5	11	...
0.51 to 1.00	66	-	-	16	4	26	9	11	-	...
1.01 to 1.50	14	-	-	-	-	9	5	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	408	-	117	95	175	21	-	-	-	3.4
2	2 469	-	-	77	795	1 217	296	64	20	4.8
3	9 615	-	-	-	-	4 523	3 360	1 176	556	5.6
4 or more	3 891	-	-	-	-	41	459	1 457	1 934	7.5
YEAR STRUCTURE BUILT										
1969 to March 1970	466	-	-	-	12	57	123	132	142	6.8
1960 to 1968	5 195	6	8	69	174	1 390	1 318	1 005	1 225	6.2
1950 to 1959	8 975	-	38	59	542	3 773	2 544	1 212	807	5.5
1949 or earlier.....	1 705	-	16	68	483	433	401	138	166	5.2
COMPLETE BATHROOMS										
1 and 1 1/2	11 701	8	26	180	1 218	4 902	3 335	1 315	717	5.4
2 or more.....	4 453	-	7	8	46	652	1 111	1 101	1 528	6.9
None or also used by another household	191	-	10	15	19	61	37	27	22	5.3
VALUE-INCOME RATIO										
Specified owner occupied	15 866	6	31	106	997	5 515	4 289	2 445	2 277	5.8
Less than 1.5	3 391	-	11	34	323	1 194	877	515	437	5.7
1.5 to 1.9	4 212	-	5	18	249	1 671	1 132	660	477	5.6
2.0 to 2.9	5 587	6	11	24	227	1 913	1 585	914	907	5.9
3.0 or more	2 437	-	4	30	189	720	688	356	450	5.9
Not computed	39	-	-	-	9	17	7	-	6	...
Renter occupied housing units										
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	5 490	86	314	1 766	2 055	821	254	118	76	3.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	5 442	88	315	1 736	1 943	878	259	137	86	3.8
PERSONS										
1 person.....	1 166	69	209	553	290	34	-	11	-	3.1
2 persons.....	2 329	17	86	1 031	840	280	37	16	22	3.5
3 persons.....	1 005	-	13	148	515	237	80	12	-	4.2
4 persons.....	656	-	6	23	347	141	79	45	15	4.4
5 persons.....	216	-	5	47	96	28	22	18	5.1	
6 persons or more	118	-	6	16	33	30	12	21	5.6	
Median	2.2	...	1.3	1.8	2.4	2.9	3.6	3.9	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	5 463	82	314	1 757	2 046	816	254	118	76	3.8
0.50 or less	2 393	-	209	549	1 121	309	117	39	49	3.9
0.51 to 1.00	2 875	65	86	1 174	862	474	115	72	27	3.6
1.01 to 1.50	151	-	13	23	58	28	22	7	-	4.2
1.51 or more	44	17	6	11	5	-	-	-	-	...
Lacking some or all plumbing facilities	27	4	-	9	9	5	-	-	-	...
0.50 or less	18	-	-	4	9	-	-	-	-	...
0.51 to 1.00	9	-	-	5	-	-	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None	110	65	45	-	-	-	-	-	-	...
1	2 506	-	225	1 674	562	45	-	-	-	3.1
2	2 346	-	-	79	1 745	485	37	-	-	4.1
3 or more.....	558	-	-	-	19	229	190	82	38	5.7
YEAR STRUCTURE BUILT										
1969 to March 1970	549	13	31	227	162	93	6	17	-	3.5
1960 to 1968	4 034	65	251	1 373	1 604	497	156	51	37	3.7
1950 to 1959	559	4	32	113	171	147	47	35	10	4.3
1949 or earlier.....	348	4	-	53	118	84	45	15	29	4.5
COMPLETE BATHROOMS										
1 and 1 1/2	5 250	88	321	1 730	1 890	827	245	99	50	3.8
2 or more.....	198	-	-	6	53	51	14	38	36	5.3
None or also used by another household	40	6	5	23	6	-	-	-	-	...
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied	5 425	86	314	1 762	2 039	821	227	106	70	3.8
Less than 10 percent.....	142	5	10	56	51	15	-	-	5	3.5
10 to 14 percent.....	698	9	37	281	267	84	20	-	-	3.6
15 to 19 percent.....	1 068	19	79	417	387	112	23	31	-	3.5
20 to 24 percent.....	847	14	53	254	336	131	43	5	11	3.8
25 to 34 percent.....	1 000	4	43	272	397	188	50	26	20	4.0
35 percent or more	1 525	27	87	456	572	277	66	25	15	3.8
Not computed	145	8	5	26	29	14	25	19	19	4.8

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

Table 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)

Bloomington	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	16 341	611	2 430	2 655	4 090	3 339	1 835	898	483	4.1
BEDROOMS										
None and 1	408	105	207	56	--	20	20	--	--	2.0
2	2 469	322	825	810	331	120	19	42	--	2.6
3	9 615	165	1 171	1 634	3 225	2 257	763	300	100	4.1
4 or more	3 891	24	150	144	549	1 014	969	574	467	5.6
YEAR STRUCTURE BUILT										
1969 to March 1970	466	18	52	66	136	108	71	5	10	4.2
1965 to 1968	2 227	72	249	351	617	478	246	128	86	4.2
1960 to 1964	2 968	75	381	433	783	701	384	154	57	4.3
1950 to 1959	8 975	255	1 307	1 525	2 246	1 802	1 008	551	281	4.1
1940 to 1949	1 048	113	225	180	217	177	76	36	24	3.5
1939 or earlier	657	78	216	100	91	73	50	24	25	2.8
UNITS IN STRUCTURE										
1	15 851	481	2 284	2 544	4 049	3 307	1 820	893	473	4.1
2 or more	155	6	33	42	17	32	10	5	10	3.4
Mobile home or trailer	335	124	113	69	24	--	--	--	--	1.9
COMPLETE BATHROOMS										
1 and 1 1/2	11 701	520	1 985	2 067	2 870	2 303	1 157	560	239	3.9
2 and 2 1/2	4 048	50	376	540	1 088	910	595	295	194	4.5
3 or more	405	9	55	26	81	70	104	24	36	5.0
None or also used by another household	191	38	33	32	39	24	18	7	--	3.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	15 730	...	2 430	2 655	4 090	3 339	1 835	898	483	4.2
Male head, wife present, no nonrelatives	14 822	...	2 173	2 377	3 915	3 218	1 791	870	478	4.2
Under 25 years	263	...	87	112	38	18	4	--	--	2.9
25 to 34 years	3 925	...	380	784	1 379	878	360	104	40	4.1
35 to 44 years	5 353	...	264	465	1 335	1 423	986	568	312	4.9
45 to 64 years	4 831	...	1 070	976	1 136	892	441	194	122	3.8
65 years and over	450	...	372	40	27	7	--	--	--	2.1
Other male head	237	...	97	75	24	27	8	6	--	2.8
Under 65 years	200	...	74	65	20	27	--	--	--	2.9
65 years and over	37	...	23	10	4	--	--	--	--	3.4
Female head	671	...	160	203	151	94	36	22	5	3.4
Under 65 years	619	...	133	196	141	86	22	5	--	3.4
65 years and over	52	...	27	7	10	8	--	--	--	1.0
One-person households	611	611	...	...	...	...	...	...	...	...
VALUE-INCOME RATIO										
Specified owner occupied ¹	15 666	472	2 255	2 502	4 001	3 295	1 780	888	473	4.2
Less than 1.5	3 391	15	534	557	797	714	453	216	105	4.2
1.5 to 1.9	4 212	55	605	685	1 097	893	417	310	150	4.2
2.0 to 2.4	3 538	54	423	569	959	818	415	196	104	4.3
2.5 to 2.9	2 049	23	274	325	527	497	227	100	76	4.3
3.0 to 3.9	1 471	70	201	212	476	263	184	42	23	4.0
4.0 or more	966	237	218	148	137	103	84	24	15	2.7
Not computed	39	18	--	6	8	7	--	--	--	...
Renter occupied housing units	5 490	1 166	2 329	1 005	656	216	70	26	22	2.2
BEDROOMS										
None	110	60	50	--	--	--	--	--	--	...
1	2 506	823	1 510	173	--	--	--	--	--	1.8
2	2 346	221	908	687	430	41	59	--	--	2.6
3 or more	558	37	65	85	167	127	77	--	--	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	549	197	263	29	54	6	--	--	--	1.8
1965 to 1968	2 279	543	991	446	223	60	16	--	--	2.1
1960 to 1964	1 755	323	812	326	227	36	12	14	5	2.2
1950 to 1959	559	74	161	123	84	86	19	--	12	2.9
1940 to 1949	176	8	64	37	39	5	18	5	--	2.9
1939 or earlier	172	21	38	44	29	23	5	7	5	3.1
UNITS IN STRUCTURE										
1	866	37	247	165	169	141	59	26	22	3.4
2	123	--	29	43	25	21	5	--	--	3.3
3 and 4	232	18	70	61	74	9	--	--	--	3.0
5 to 9	220	20	87	87	19	7	--	--	--	2.5
10 to 19	1 271	236	553	286	176	14	6	--	--	2.2
20 or more	2 738	838	1 325	358	193	24	--	--	--	1.9
Mobile home or trailer	40	17	18	5	--	--	--	--	--	...
COMPLETE BATHROOMS										
1 and 1 1/2	5 250	1 115	2 241	969	616	219	41	25	24	2.2
2 or more	198	13	61	35	51	25	--	7	6	3.2
None or also used by another household	40	22	8	10	--	--	--	--	--	...
HOUSEHOLD COMPOSITION										
Two-or-more-person households	4 324	...	2 329	1 005	656	216	70	26	22	2.4
Male head, wife present, no nonrelatives	2 839	...	1 416	658	460	199	58	26	22	2.5
Under 25 years	630	...	400	159	71	--	--	--	--	2.3
25 to 34 years	1 230	...	533	293	276	112	11	5	--	2.8
35 to 44 years	359	...	96	68	69	51	37	16	22	3.7
45 to 64 years	462	...	112	44	--	--	--	--	--	2.4
65 years and over	158	...	132	26	--	--	--	--	--	2.1
Other male head	569	...	376	118	72	--	3	--	--	2.3
Under 65 years	551	...	372	104	72	--	3	--	--	2.2
65 years and over	18	...	4	14	--	--	--	--	--	...
Female head	916	...	537	229	124	17	9	--	--	2.4
Under 65 years	911	...	532	229	124	17	9	--	--	2.4
65 years and over	5	...	5	--	--	--	--	--	--	...
One-person households	1 166	1 166	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	5 425	1 162	2 307	990	638	210	70	26	22	2.2
Less than 10 percent	142	47	58	13	19	--	5	--	--	1.9
10 to 14 percent	698	104	356	132	48	12	6	--	--	2.1
15 to 19 percent	1 068	242	447	196	120	32	16	5	10	2.2
20 to 24 percent	847	190	336	168	86	49	13	5	5	2.2
25 to 34 percent	1 000	200	370	198	162	55	11	4	7	2.3
35 percent or more	1 525	360	652	261	182	37	19	7	7	2.1
Not computed	145	19	48	22	21	25	--	10	--	2.8

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

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

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

Bloomington					Bloomington				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	51	21	11	19	Vacant for rent	255	250	5	—
ROOMS					ROOMS				
1 to 3 rooms	—	—	—	—	1 room	—	—	—	—
4 rooms	—	—	—	—	2 rooms	—	—	—	—
5 rooms	11	5	6	—	3 rooms	84	84	—	—
6 rooms	9	5	—	4	4 rooms	107	102	5	—
7 rooms or more	31	11	5	15	5 rooms	50	50	—	—
					6 rooms	14	14	—	—
					7 rooms or more	—	—	—	—
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	47	21	11	15	With all plumbing facilities	255	250	5	—
Lacking some or all plumbing facilities	4	—	—	4	Lacking some or all plumbing facilities	—	—	—	—
BEDROOMS					BEDROOMS				
None and 1	—	—	—	—	None	—	—	—	—
2	—	—	—	—	1	116	116	—	—
3	36	36	—	—	2	122	122	—	—
4 or more	—	—	—	—	3 or more	25	25	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	10	—	5	5	1969 to March 1970	103	98	5	—
1960 to 1968	18	14	—	4	1960 to 1968	140	140	—	—
1950 to 1959	13	7	6	—	1950 to 1959	9	9	—	—
1949 or earlier	10	—	—	10	1949 or earlier	3	3	—	—
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	51	21	11	19	1	7	7	—	—
2 or more	—	—	—	—	2 to 4	12	12	—	—
					5 to 9	—	—	—	—
HEATING EQUIPMENT					10 to 19	48	48	—	—
Steam or hot water	4	4	—	—	20 or more	188	183	5	—
Warm-air furnace	47	17	11	19					
Built-in electric units	—	—	—	—	RENT ASKED				
Floor, wall, or pipeless furnace	—	—	—	—	Specified vacant for rent?	255	250	5	—
Other means	—	—	—	—	Less than \$50	—	—	—	—
None	—	—	—	—	\$50 to \$59	—	—	—	—
SALES PRICE ASKED					\$60 to \$79	—	—	—	—
Specified vacant for sale?	51	21	11	19	\$80 to \$99	—	—	—	—
Less than \$5,000	—	—	—	—	\$100 to \$119	—	—	—	—
\$5,000 to \$9,999	—	—	—	—	\$120 to \$149	21	21	—	—
\$10,000 to \$14,999	—	—	—	—	\$150 to \$199	73	73	—	—
\$15,000 to \$19,999	—	—	—	—	\$200 or more	161	156	5	—
\$20,000 to \$24,999	11	5	6	—	Median rent asked	\$222	\$221	...	—
\$25,000 to \$34,999	26	16	—	10					
\$35,000 to \$49,999	4	—	—	4					
\$50,000 or more	10	—	5	5					
Median price asked .....	...	...	...	...	

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

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

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

Bloomington	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	51	—	—	—	11	26	14	255	—	—	—	21	73	161
PLUMBING FACILITIES														
With all plumbing facilities	36	—	—	—	—	36	—	263	—	—	—	24	66	173
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	116	—	—	—	24	43	49
2	—	—	—	—	—	—	—	122	—	—	—	—	23	99
3	36	—	—	—	—	36	—	25	—	—	—	—	—	25
4 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	10	—	—	—	—	—	10	103	—	—	—	—	38	65
1960 to 1968	18	—	—	—	—	14	4	140	—	—	—	21	32	87
1950 to 1959	13	—	—	—	11	2	—	9	—	—	—	—	—	9
1949 or earlier	10	—	—	—	—	10	—	3	—	—	—	—	3	—
UNITS IN STRUCTURE														
1	—	—	—	—	—	—	—	7	—	—	—	—	3	4
2 to 4	—	—	—	—	—	—	—	12	—	—	—	2	—	10
5 to 19	—	—	—	—	—	—	—	48	—	—	—	19	—	29
20 or more	—	—	—	—	—	—	—	188	—	—	—	—	70	118
INCLUSION OF UTILITIES IN RENT														
All utilities included	—	—	—	—	—	—	—	4	—	—	—	—	—	4
Some or no utilities included	—	—	—	—	—	—	—	251	—	—	—	21	73	157

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

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

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

Minneapolis					Minneapolis				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	386	132	154	100	Vacant for rent	3 686	2 775	609	302
ROOMS					ROOMS				
1 to 3 rooms	20	6	7	7	1 room	637	664	81	92
4 rooms	62	24	22	16	2 rooms	484	401	42	41
5 rooms	132	56	53	23	3 rooms	977	728	176	76
6 rooms	92	18	37	37	4 rooms	676	506	123	47
7 rooms or more	80	28	35	17	5 rooms	469	307	126	42
					6 rooms	165	117	42	10
					7 rooms or more	74	58	16	—
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	383	132	154	97	With all plumbing facilities	2 910	2 211	518	181
Lacking some or all plumbing facilities	3	—	—	3	Lacking some or all plumbing facilities	776	564	93	119
BEDROOMS					BEDROOMS				
None and 1	147	99	34	14	None	822	617	96	111
2	82	34	48	23	1	1 802	1 271	298	233
3	103	—	58	45	2	907	631	199	77
4 or more	103	58	27	18	3 or more	174	140	22	12
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	26	12	5	9	1969 to March 1970	225	203	22	—
1960 to 1968	6	—	2	4	1960 to 1968	491	396	73	22
1950 to 1959	23	11	9	3	1950 to 1959	170	130	36	16
1949 or earlier	331	109	138	84	1949 or earlier	2 600	2 046	484	276
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	312	106	130	76	1	201	126	48	27
2 or more	74	26	24	24	2 to 4	938	614	222	102
					5 to 9	344	239	96	45
					10 to 19	776	625	103	48
					20 or more	1 427	1 171	176	80
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	123	38	59	26	Specified vacant for rent²	3 679	2 771	608	282
Warm-air furnace	203	67	86	50	Less than \$50	419	245	69	105
Built-in electric units	14	—	5	9	\$50 to \$59	273	226	21	26
Floor, wall, or pipeless furnace	13	5	—	8	\$60 to \$79	691	417	122	82
Other means	33	22	4	7	\$80 to \$99	663	391	118	44
None	—	—	—	—	\$100 to \$119	543	463	111	31
					\$120 to \$149	613	506	79	28
					\$150 to \$199	307	235	46	6
					\$200 or more	270	220	46	10
SALES PRICE ASKED					Median rent asked	997	\$100	\$99	\$68
Specified vacant for sale¹	289	89	124	76					
Less than \$5,000	4	—	—	4					
\$5,000 to \$9,999	26	18	8	—					
\$10,000 to \$14,999	85	23	34	28					
\$15,000 to \$19,999	97	29	38	30					
\$20,000 to \$24,999	46	8	28	10					
\$25,000 to \$34,999	14	—	10	4					
\$35,000 to \$49,999	14	8	6	—					
\$50,000 or more	3	3	—	—					
Median price asked	\$16 500	—	\$17 600	—					

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

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

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

Minneapolis	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	289	30	85	97	46	14	17	3 679	692	991	663	1 156	307	278
PLUMBING FACILITIES														
With all plumbing facilities	274	44	109	89	13	19	—	2 880	216	432	643	989	371	229
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	783	407	302	99	14	—	—
BEDROOMS														
None and 1	40	18	22	—	—	—	—	2 624	517	698	418	716	281	195
2	60	12	29	—	—	19	—	865	84	37	251	290	48	—
3	103	14	12	77	—	—	—	116	13	—	12	37	25	94
4 or more	71	—	46	12	13	—	—	58	15	—	27	—	22	—
YEAR STRUCTURE BUILT														
1969 to March 1970	—	—	—	—	—	—	—	225	8	—	4	32	34	127
1960 to 1968	4	—	4	—	—	—	—	491	22	39	34	195	124	87
1950 to 1959	20	—	3	—	10	3	4	170	22	9	21	85	36	7
1949 or earlier	265	30	78	97	36	11	13	2 793	646	543	614	824	199	53
UNITS IN STRUCTURE														
1	—	—	—	—	—	—	—	194	34	47	15	36	21	18
2 to 4	—	—	—	—	—	—	—	928	93	184	263	344	54	18
5 to 19	—	—	—	—	—	—	—	1 120	289	131	184	378	94	43
20 or more	—	—	—	—	—	—	—	1 427	296	229	199	174	138	191
INCLUSION OF UTILITIES IN RENT														
All utilities included	—	—	—	—	—	—	—	1 555	516	311	217	464	74	33
Some or no utilities included	—	—	—	—	—	—	—	2 124	176	286	446	752	233	227

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

Table D-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]

St. Paul	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	45 332	2 883	1 952	2 282	3 351	8 608	7 277	9 274	6 780	1 416	393	1 116	108
ROOMS													
1 room	3 582	1 214	482	373	416	513	259	191	38	6	-	90	61
2 rooms	4 651	819	683	613	548	877	461	419	141	21	-	69	73
3 rooms	13 138	682	555	824	1 177	2 623	2 222	3 356	1 431	109	26	133	106
4 rooms	13 131	107	159	351	878	2 997	2 255	2 571	3 043	425	93	252	117
5 rooms	6 625	41	66	78	258	1 254	1 424	1 564	1 195	380	124	241	121
6 rooms	2 739	9	-	38	38	259	561	730	645	234	94	131	136
7 rooms	961	5	7	5	26	46	69	345	201	151	31	75	145
8 rooms or more	505	6	-	-	10	39	26	98	86	90	25	125	156
Median	3.6	1.8	2.2	2.7	3.1	3.6	3.8	3.8	4.1	4.9	5.1	4.6	...
PERSONS													
1 person	18 554	2 623	1 649	1 567	1 899	3 734	2 445	2 662	1 261	206	107	401	87
2 persons	13 787	199	239	551	872	2 548	2 289	3 352	2 719	503	161	354	120
3 persons	6 099	36	42	98	318	1 165	1 170	1 485	1 404	211	30	140	123
4 persons	3 546	14	7	43	140	710	679	756	808	283	24	82	126
5 persons	1 615	11	4	23	69	266	334	413	320	104	34	37	126
6 persons or more	1 731	-	11	-	53	185	360	606	268	109	37	102	130
Median	1.8	1.0	1.1	1.2	1.4	1.7	2.0	2.1	2.3	2.5	2.1	1.9	...
Units with roomers, boarders, or lodgers	1 039	24	19	44	76	140	112	296	218	80	4	26	129
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	41 955	1 644	1 314	1 682	3 030	8 278	7 175	9 227	6 755	1 411	393	1 046	113
0.51 to 1.00	22 457	1 146	941	1 076	1 738	4 639	3 577	4 313	3 356	747	294	630	108
1.01 to 1.50	17 440	482	358	539	1 147	3 200	3 141	4 365	3 164	588	83	373	118
1.51 or more	1 646	9	4	33	99	356	371	425	221	76	16	36	116
Median	412	7	11	34	46	83	86	124	14	-	-	7	105
Lacking some or all plumbing facilities													
0.50 or less	3 377	1 239	638	600	321	330	102	47	25	5	-	70	54
0.51 to 1.00	1 390	366	308	339	136	135	36	33	4	-	-	33	60
1.01 to 1.50	1 886	821	321	252	174	184	57	14	21	5	-	37	53
1.51 or more	41	5	9	5	11	11	-	-	-	-	-	-	...
Median	60	47	-	4	-	-	9	-	-	-	-	-	...
BEDROOMS													
None	5 077	1 412	680	457	633	1 070	433	243	66	-	-	83	69
1	20 156	1 289	969	1 363	1 746	4 893	3 363	4 331	1 786	140	26	250	99
2	15 643	85	199	182	635	3 057	2 517	3 417	4 196	801	147	407	128
3 or more	4 510	-	22	21	112	504	835	1 071	772	763	146	264	138
YEAR STRUCTURE BUILT													
1969 to March 1970	1 976	331	169	30	68	25	42	238	764	252	57	-	156
1965 to 1968	4 685	207	94	49	131	220	277	1 433	1 760	327	133	54	148
1960 to 1964	5 142	403	232	78	31	272	509	1 697	1 559	220	108	33	138
1950 to 1959	4 306	149	150	116	168	723	828	1 329	593	111	50	89	119
1940 to 1949	3 217	89	74	61	185	683	807	754	382	73	8	101	112
1939 or earlier	26 006	1 704	1 233	1 948	2 768	6 685	4 814	3 823	1 722	433	37	839	95
ELEVATOR IN STRUCTURE													
4 floors or more	3 846	1 111	760	237	265	411	304	205	263	78	168	44	61
With elevator	3 245	1 090	666	167	197	303	235	172	146	78	168	23	58
Walk-up	601	21	94	70	68	108	69	33	117	-	-	21	89
1 to 3 floors	41 540	1 675	1 110	1 786	2 861	9 113	6 844	8 857	6 557	1 626	151	960	111
COMPLETE BATHROOMS													
1 and 1/2	40 041	1 568	1 257	1 630	2 845	7 636	7 008	9 160	6 677	1 112	169	979	113
2 or more	910	8	-	37	28	58	69	112	71	214	244	69	218
None or also used by another household	4 352	1 338	710	688	499	606	222	116	63	15	-	95	61
INCOME IN 1969													
Less than \$2,000	7 558	1 558	917	715	758	1 348	738	760	424	83	50	207	76
\$2,000 to \$2,999	3 726	379	237	280	373	887	582	613	237	39	-	99	91
\$3,000 to \$3,999	3 674	226	153	279	387	935	601	610	302	47	13	121	95
\$4,000 to \$4,999	3 824	167	127	244	315	930	689	735	434	80	-	103	102
\$5,000 to \$5,999	3 308	92	86	140	319	704	688	777	401	27	5	69	108
\$6,000 to \$6,999	3 502	126	102	185	292	737	630	805	479	95	-	51	109
\$7,000 to \$7,999	9 036	231	216	263	576	1 731	1 794	2 277	1 473	239	35	201	116
\$8,000 to \$8,999	7 866	84	114	134	248	1 136	1 267	2 112	2 133	421	47	170	132
\$9,000 to \$9,999	7 866	84	114	134	248	1 136	1 267	2 112	2 133	421	47	170	132
\$10,000 to \$11,999	2 354	20	-	31	83	177	253	542	779	274	125	70	152
\$12,000 to \$14,999	484	-	-	11	-	23	35	43	118	111	118	25	200
\$15,000 to \$24,999	2 354	20	-	31	83	177	253	542	779	274	125	70	152
\$25,000 or more	484	-	-	11	-	23	35	43	118	111	118	25	200
Median	\$6 200	\$2 000	\$2 200	\$3 500	\$4 500	\$5 300	\$6 500	\$7 400	\$9 300	\$11 200	\$18 700	\$5 400	...
YEAR MOVED INTO UNIT													
1969 to March 1970	18 474	1 214	689	748	1 172	2 967	2 680	4 359	3 507	755	116	267	117
1968	6 741	287	213	286	384	1 266	1 131	1 631	1 170	198	69	106	116
1967	4 151	191	190	194	303	853	760	773	657	120	49	61	108
1965 and 1966	4 312	389	223	295	431	901	986	1 021	696	173	79	118	107
1960 to 1964	5 315	470	297	368	460	1 112	951	1 047	536	42	89	143	100
1950 to 1959	3 412	289	235	264	456	811	545	423	177	47	11	154	90
1949 or earlier	1 698	74	120	200	166	390	246	134	68	6	-	294	90
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	3 396	543	335	290	400	799	419	280	215	72	43	...	84
10 to 14 percent	8 175	316	263	401	704	1 952	1 639	1 688	1 035	139	38	...	106
15 to 19 percent	7 859	277	130	320	490	1 347	1 435	2 019	1 492	274	75	...	119
20 to 24 percent	5 561	269	142	206	308	885	925	1 340	1 228	196	62	...	121
25 to 34 percent	6 589	591	198	276	432	1 206	1 046	1 500	1 024	261	55	...	111
35 percent or more	12 036	819	827	760	952	2 304	1 737	2 325	1 729	468	115	...	104
Not computed	1 716	68	57	29	65	115	76	122	57	6	5	1 116	95
AIR CONDITIONING													
Room unit(s)	14 599	234	189	252	429	1 625	1 802	4 355	4 426	724	251	312	138
Central system	735	25	27	17	27	27	43	120	159	149	84	57	167
None	29 969	2 655	1 751	2 086	2 916	6 648	5 454	4 913	2 226	468	78	774	96

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

Table D-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]

St. Paul	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	58 655	57 737	30 737	23 381	3 273	346	918	595	285	16	22
PERSONS											
1 person	8 054	7 717	7 672	45	—	—	337	305	32	—	—
2 persons	17 478	17 166	16 658	503	—	5	312	254	58	—	—
3 persons	9 418	9 322	4 935	4 377	10	—	96	28	68	—	—
4 persons	8 663	8 584	1 036	7 502	41	5	79	4	75	—	—
5 persons	6 329	6 282	436	5 646	191	9	47	4	33	4	6
6 persons or more	8 713	8 666	—	5 308	3 031	327	47	—	19	12	16
Median	2.9	2.9	2.0	4.4	7.0	7.5+	1.9	1.5	3.3	...	...
Units with roomers, boarders, or lodgers	1 223	1 191	628	455	92	16	32	16	10	—	6
YEAR STRUCTURE BUILT											
1969 to March 1970	157	157	53	99	—	5	—	—	—	—	—
1965 to 1968	875	868	346	446	67	7	7	—	—	—	—
1960 to 1964	2 001	1 983	631	1 166	148	38	18	12	6	—	—
1950 to 1959	10 298	10 218	4 311	5 013	804	90	80	31	42	—	7
1940 to 1949	6 459	6 390	3 260	2 833	272	25	69	42	27	—	—
1939 or earlier	38 875	38 074	22 135	13 702	2 034	203	801	524	245	13	19
INCOME IN 1969											
Less than \$2,000	4 268	4 066	3 663	375	28	—	202	177	25	—	—
\$2,000 to \$2,999	2 540	2 455	2 263	192	—	—	85	75	10	—	—
\$3,000 to \$3,999	2 479	2 388	2 133	234	21	—	91	72	19	—	—
\$4,000 to \$4,999	2 289	2 243	1 902	280	49	12	46	30	10	—	6
\$5,000 to \$5,999	2 255	2 232	1 759	432	32	9	23	19	4	—	—
\$6,000 to \$6,999	2 519	2 470	1 686	656	101	27	49	39	5	—	5
\$7,000 to \$9,999	10 560	10 393	4 922	4 675	732	64	167	71	74	12	—
\$10,000 to \$14,999	17 561	17 383	7 056	8 953	1 238	136	178	71	103	4	—
\$15,000 to \$24,999	10 980	10 922	3 766	6 182	909	65	58	17	30	—	11
\$25,000 or more	3 204	3 185	1 587	1 402	163	33	19	14	5	—	—
Median	\$10 700	\$10 800	\$8 200	\$12 700	\$12 700	\$12 200	\$6 200	\$3 600	\$9 800	...	...
VALUE-INCOME RATIO											
<i>Specified owner occupied¹</i>											
50 763	50 167	26 019	20 952	2 904	292	596	380	194	6	16	
Less than 1.5	17 250	17 073	6 617	8 796	1 531	129	177	78	88	—	11
1.5 to 1.9	11 333	11 237	4 667	5 798	688	84	96	47	44	—	5
2.0 to 2.4	6 678	6 624	3 036	3 153	392	43	54	12	36	6	—
2.5 to 2.9	3 928	3 893	2 103	1 620	141	29	35	24	11	—	—
3.0 to 3.9	3 703	3 642	2 725	799	111	7	61	56	5	—	—
4.0 or more	7 534	7 366	6 610	726	30	—	168	158	10	—	—
Not computed	337	332	261	60	11	—	5	—	—	—	—
HEATING EQUIPMENT											
Steam or hot water	20 882	20 561	11 851	7 575	1 015	120	321	206	109	—	6
Warm-air furnace	34 740	34 335	17 243	14 822	2 061	209	405	256	122	16	11
Built-in electric units	169	164	72	86	6	—	5	—	6	—	—
Floor, wall, or pipeless furnace	872	843	549	247	39	8	29	23	6	—	—
Other means	1 983	1 825	1 017	647	152	9	158	110	43	—	5
None	9	9	5	4	—	—	—	—	—	—	—
Renter occupied housing units	45 455	42 078	22 520	17 491	1 651	416	3 377	1 390	1 886	41	60
PERSONS											
1 person	18 581	15 788	13 961	1 827	—	—	2 793	1 245	1 548	—	—
2 persons	13 823	13 374	7 777	5 468	—	—	449	145	254	—	50
3 persons	6 109	6 044	662	5 250	114	18	65	—	45	15	5
4 persons	3 561	3 518	90	3 170	227	31	43	—	35	3	5
5 persons	1 632	1 609	30	1 130	406	43	23	—	—	23	—
6 persons or more	1 749	1 745	—	646	904	195	4	—	4	—	—
Median	1.8	1.9	1.3	2.8	5.7	5.2	1.1	1.1	1.1	...	...
Units with roomers, boarders, or lodgers	1 043	1 001	385	551	54	11	42	10	20	3	9
YEAR STRUCTURE BUILT											
1969 to March 1970	1 948	1 922	1 097	792	12	21	26	14	12	—	—
1965 to 1968	4 651	4 644	2 239	2 214	175	14	7	7	—	—	—
1960 to 1964	5 054	4 961	2 708	2 108	231	14	93	20	68	—	5
1950 to 1959	4 249	4 199	1 874	1 990	187	48	50	16	34	—	—
1940 to 1949	3 224	3 070	1 519	1 387	115	49	154	50	104	—	—
1939 or earlier	26 311	23 145	12 980	8 876	1 018	271	3 166	1 344	1 726	31	65
INCOME IN 1969											
Less than \$2,000	7 578	6 437	4 622	1 698	67	50	1 141	537	588	5	11
\$2,000 to \$2,999	3 731	3 307	2 001	1 210	76	20	424	172	244	—	8
\$3,000 to \$3,999	3 684	3 319	1 884	1 288	124	23	365	132	217	10	6
\$4,000 to \$4,999	3 844	3 534	2 130	1 250	130	24	310	136	165	4	5
\$5,000 to \$5,999	3 314	3 086	1 903	1 023	106	54	228	77	147	—	4
\$6,000 to \$6,999	3 506	3 277	1 731	1 367	152	27	229	97	128	—	14
\$7,000 to \$9,999	9 050	8 625	3 877	4 105	541	102	425	153	246	12	12
\$10,000 to \$14,999	7 900	7 690	3 082	4 180	329	99	210	69	123	6	—
\$15,000 to \$24,999	2 364	2 324	987	1 219	101	17	40	12	28	—	—
\$25,000 or more	484	479	303	151	25	—	5	5	—	—	—
Median	\$6 200	\$6 400	\$5 300	\$7 700	\$7 900	\$7 300	\$3 300	\$2 900	\$3 500	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
<i>Specified renter occupied²</i>											
45 332	41 955	22 457	17 440	1 646	412	3 377	1 390	1 886	41	60	
Less than 10 percent	3 396	2 762	1 192	1 399	125	46	634	201	394	18	21
10 to 14 percent	8 175	7 632	3 340	3 745	420	127	543	224	306	13	13
15 to 19 percent	7 859	7 498	3 445	3 668	336	49	361	139	198	13	11
20 to 24 percent	5 561	5 238	2 837	2 151	193	57	323	119	204	—	—
25 to 34 percent	6 589	6 204	3 543	2 348	262	51	385	137	232	5	11
35 percent or more	12 036	11 036	7 107	3 589	270	70	1 000	496	495	5	4
Not computed	1 716	1 585	993	540	40	12	131	74	57	—	—
HEATING EQUIPMENT											
Steam or hot water	27 872	25 373	14 773	9 767	636	197	2 499	933	1 495	24	47
Warm-air furnace	11 147	10 671	4 876	4 954	713	128	476	243	219	9	5
Built-in electric units	2 128	2 033	998	972	50	13	95	12	79	—	4
Floor, wall, or pipeless furnace	848	837	434	378	20	5	11	5	6	—	—
Other means	3 440	3 144	1 432	1 407	232	73	296	197	87	8	4
None	20	20	7	13	—	—	—	—	—	—	—

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

Table D-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]

St. Paul	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	58 655	82	107	1 207	8 196	18 534	14 985	8 732	6 812	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	57 260	26	82	1 138	7 864	18 231	14 661	8 642	6 616	5.6
PERSONS										
1 person	8 054	77	68	546	2 165	2 734	1 439	657	368	4.9
2 persons	17 478	5	24	537	3 920	6 660	3 907	1 524	901	5.1
3 persons	9 418	-	10	63	1 173	3 209	2 784	1 342	837	5.6
4 persons	8 663	-	5	41	618	2 763	2 628	1 568	1 040	5.8
5 persons	6 329	-	-	15	195	1 880	1 929	1 262	1 048	6.1
6 persons or more	8 713	-	-	5	125	1 288	2 298	2 379	2 618	6.8
Median	2.9	...	1.3	1.6	2.0	2.5	3.3	4.0	4.7	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	57 737	50	75	1 116	7 953	18 301	14 866	8 595	6 781	5.6
0.50 or less	30 737	-	41	514	5 887	9 246	8 050	3 439	3 560	5.5
0.51 to 1.00	23 381	45	19	547	1 756	7 784	5 750	4 529	2 951	5.8
1.01 to 1.50	3 273	-	10	41	265	1 098	999	598	262	5.7
1.51 or more	346	5	5	14	45	173	67	29	9	5.1
Lacking some or all plumbing facilities	918	32	32	91	243	233	119	137	31	4.8
0.50 or less	595	-	27	32	198	148	80	84	26	4.8
0.51 to 1.00	285	32	5	53	35	68	39	48	5	4.8
1.01 to 1.50	16	-	-	-	10	6	-	-	-	...
1.51 or more	22	-	-	6	-	11	-	5	-	...
BEDROOMS										
None and 1	3 269	94	58	941	1 704	391	60	21	-	3.8
2	19 977	-	-	106	6 207	10 975	2 345	225	119	4.8
3	23 711	-	-	-	261	6 928	11 579	3 572	1 371	5.9
4 or more	11 711	-	-	-	-	173	1 299	4 673	5 566	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	173	-	-	-	24	61	39	33	16	5.5
1960 to 1968	3 010	15	5	45	354	1 050	749	451	341	5.5
1950 to 1959	10 317	10	-	92	1 915	4 818	2 039	886	557	5.2
1949 or earlier	45 155	57	102	1 070	5 903	12 605	12 158	7 362	5 898	5.7
COMPLETE BATHROOMS										
1 and 1 1/2	49 153	40	61	1 059	7 325	16 869	13 143	7 007	3 649	5.5
2 or more	8 188	-	21	94	561	1 379	1 518	1 642	2 973	6.8
None or also used by another household	1 324	25	41	130	365	311	233	170	49	4.8
VALUE-INCOME RATIO										
Specified owner occupied¹	50 763	10	30	608	6 013	15 862	13 651	8 263	6 326	5.7
Less than 1.5	17 250	-	-	186	1 638	4 831	3 235	2 499	2 499	5.9
1.5 to 1.9	11 333	5	5	58	1 143	3 575	3 146	1 843	1 558	5.8
2.0 to 2.9	10 606	-	-	96	1 202	3 392	2 898	1 784	1 234	5.7
3.0 or more	11 237	5	25	259	1 958	3 947	2 691	1 346	1 006	5.4
Not computed	337	-	-	9	72	117	55	55	29	5.2
Renter occupied housing units	45 455	3 582	4 660	13 147	13 145	6 641	2 785	975	520	3.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	40 515	1 616	3 633	12 094	12 412	6 548	2 684	978	550	3.7
PERSONS										
1 person	18 581	3 375	3 704	7 089	3 126	990	203	47	47	2.8
2 persons	13 823	179	786	4 936	4 872	2 075	729	155	91	3.7
3 persons	6 109	23	129	822	2 995	1 478	502	102	58	4.2
4 persons	3 561	5	31	230	1 526	1 000	487	192	90	4.5
5 persons	1 632	-	7	36	429	628	352	129	51	5.0
6 persons or more	1 749	-	3	34	197	470	512	350	183	5.8
Median	1.8	1.0	1.1	1.4	2.2	2.7	3.4	4.5	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	42 078	1 974	3 806	12 592	12 860	6 592	2 774	971	509	3.7
0.50 or less	22 520	-	2 949	6 717	7 801	3 016	1 428	304	305	3.7
0.51 to 1.00	17 491	1 827	702	5 578	4 456	3 106	1 078	557	187	3.6
1.01 to 1.50	1 651	-	114	227	536	407	250	100	17	4.4
1.51 or more	416	147	41	70	67	63	18	10	17	2.8
Lacking some or all plumbing facilities	3 377	1 608	854	555	285	49	11	4	11	1.6
0.50 or less	1 390	-	755	372	197	49	6	-	-	2.4
0.51 to 1.00	1 886	1 548	84	180	65	5	4	4	-	1.1
1.01 to 1.50	41	-	15	3	23	-	-	-	-	...
1.51 or more	60	60	-	-	-	-	-	-	-	...
BEDROOMS										
None	5 077	3 415	1 399	263	-	-	-	-	-	1.2
1	20 179	-	3 129	12 412	4 039	515	84	-	-	3.1
2	15 643	-	-	818	9 122	4 750	893	60	-	4.3
3 or more	4 594	-	-	-	93	1 253	1 963	868	417	6.0
YEAR STRUCTURE BUILT										
1969 to March 1970	1 981	44	420	805	481	144	69	18	-	3.2
1960 to 1968	9 832	769	852	3 706	3 360	788	246	74	37	3.4
1950 to 1959	4 323	180	376	1 545	1 370	504	223	112	13	3.5
1949 or earlier	29 319	2 589	3 012	7 091	7 934	5 205	2 247	771	470	3.7
COMPLETE BATHROOMS										
1 and 1 1/2	40 159	1 907	3 674	12 105	12 292	6 369	2 565	895	352	3.7
2 or more	926	-	23	77	210	199	136	83	198	5.3
None or also used by another household	4 352	1 740	967	803	610	140	47	33	12	2.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	45 332	3 582	4 651	13 138	13 131	6 625	2 739	961	505	3.6
Less than 10 percent	3 396	548	380	823	908	426	186	103	22	3.4
10 to 14 percent	8 175	508	648	2 215	2 659	1 328	569	166	82	3.8
15 to 19 percent	7 859	442	700	2 115	2 511	1 335	539	159	58	3.8
20 to 24 percent	5 561	333	566	1 580	1 694	816	384	146	42	3.7
25 to 34 percent	6 589	481	646	2 166	1 860	897	339	128	72	3.5
35 percent or more	12 036	1 119	1 567	3 966	3 065	1 497	545	180	97	3.3
Not computed	1 716	151	144	273	434	326	177	79	132	4.2

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

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

Table D-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)

St. Paul	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	58 655	51 714	6 925	16	45 455	4 383	9 971	5 257	5 439	10 649	9 750	6
ROOMS												
1 room	82	16	61	5	3 582	71	53	215	497	836	1 910	—
2 rooms	1 107	39	48	—	4 660	100	303	495	1 760	1 227	1 769	6
3 rooms	1 207	629	572	6	13 147	347	1 579	1 413	1 901	4 306	3 601	—
4 rooms	8 196	6 113	2 083	—	13 145	855	3 850	1 573	1 309	3 642	1 916	—
5 rooms	18 534	16 157	2 372	5	6 641	1 144	2 860	1 025	649	498	465	—
6 rooms	14 985	13 903	1 082	—	2 785	979	986	407	227	111	75	—
7 rooms	8 732	8 371	—	—	975	505	236	104	96	20	14	—
8 rooms or more	6 812	6 486	326	—	—	520	382	104	25	—	—	—
Median	5.6	5.7	4.8	—	3.6	5.2	4.3	3.8	3.3	3.3	2.8	—
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	57 737	51 109	6 612	16	42 078	4 311	9 721	4 729	4 635	9 800	8 882	—
0.50 or less	30 737	26 556	4 176	5	22 520	1 739	4 761	2 443	2 640	5 807	5 130	—
0.51 to 1.00	23 381	21 313	2 057	11	17 491	2 178	4 291	1 843	1 771	3 819	3 589	—
1.01 to 1.50	3 273	2 948	325	—	1 651	338	575	350	197	125	66	—
1.51 or more	346	292	54	—	416	56	94	93	27	49	97	—
Lacking some or all plumbing facilities	918	605	313	—	3 377	72	250	528	804	849	868	—
0.50 or less	595	384	211	—	1 390	42	170	312	348	337	175	—
0.51 to 1.00	285	199	86	—	1 886	26	66	207	427	484	676	—
1.01 to 1.50	16	6	10	—	41	4	14	5	9	6	3	—
1.51 or more	22	16	6	—	60	—	—	4	20	22	14	—
BEDROOMS												
None	231	62	169	—	5 077	78	86	410	733	1 233	2 537	—
1	3 038	1 580	1 458	—	20 179	530	3 072	2 355	3 068	5 816	5 338	—
2	19 977	16 438	3 522	17	15 643	1 488	5 185	1 808	1 697	3 532	1 933	—
3	23 711	22 197	1 514	—	3 543	1 424	1 214	449	247	171	38	—
4 or more	11 711	11 117	594	—	1 051	709	167	130	45	—	—	—
YEAR STRUCTURE BUILT												
1969 to March 1970	173	168	5	—	1 981	118	54	45	65	237	1 456	6
1965 to 1968	974	876	98	—	4 690	171	207	139	242	1 401	2 530	—
1960 to 1964	2 036	1 885	151	—	5 142	149	272	182	446	2 353	1 740	—
1950 to 1959	10 317	9 958	354	5	4 323	297	565	590	817	1 570	484	—
1940 to 1949	6 296	6 049	247	—	3 232	504	768	442	354	951	213	—
1939 or earlier	38 859	32 778	6 070	11	26 087	3 144	8 105	3 859	3 515	4 137	3 327	—
INCOME IN 1969												
Less than \$2,000	4 268	3 383	885	—	7 578	338	1 109	961	1 211	1 579	2 374	6
\$2,000 to \$2,999	2 540	2 013	517	10	3 731	303	686	497	426	785	1 034	—
\$3,000 to \$3,999	2 479	1 986	493	—	3 684	298	738	528	518	898	704	—
\$4,000 to \$4,999	2 289	1 932	357	—	3 844	342	749	565	484	1 002	702	—
\$5,000 to \$5,999	2 255	1 872	377	6	3 314	205	732	457	441	884	595	—
\$6,000 to \$6,999	2 519	2 196	323	—	3 566	298	730	431	476	927	644	—
\$7,000 to \$9,999	10 560	9 119	1 441	—	9 050	994	2 395	980	1 049	2 166	1 466	—
\$10,000 to \$14,999	17 561	15 882	1 679	—	7 900	1 139	2 271	664	630	1 708	1 488	—
\$15,000 to \$24,999	10 980	10 267	713	—	2 364	423	493	133	169	567	579	—
\$25,000 or more	3 204	3 064	140	—	7 484	43	68	41	35	133	164	—
Median	\$10 700	\$11 100	\$8 100	—	\$6 200	\$8 200	\$7 300	\$5 200	\$5 200	\$6 200	\$5 100	—
YEAR MOVED INTO UNIT												
1969 to March 1970	3 686	3 075	611	—	18 514	1 596	3 864	2 163	2 020	4 308	4 557	8
1968	3 536	3 118	412	6	6 762	684	1 621	680	740	1 667	1 370	—
1967	3 169	2 839	330	—	4 163	400	991	500	488	982	822	—
1965 and 1966	4 390	3 927	463	—	5 317	560	1 232	511	641	1 211	1 162	—
1960 to 1964	9 813	8 808	1 005	—	5 508	513	1 256	642	688	1 359	1 050	—
1950 to 1959	16 948	15 198	1 744	6	3 301	301	735	528	539	732	466	—
1949 or earlier	17 123	14 785	2 338	—	1 852	411	372	210	158	356	345	—
GROSS RENT												
Specified renter occupied*	—	—	—	—	45 332	4 260	9 971	5 257	5 439	10 649	9 750	6
Less than \$50	—	—	—	—	2 883	74	120	242	485	636	1 326	—
\$50 to \$59	—	—	—	—	1 952	51	165	223	378	346	789	—
\$60 to \$69	—	—	—	—	2 282	108	482	424	430	378	460	—
\$70 to \$79	—	—	—	—	3 651	157	863	603	613	504	611	—
\$80 to \$89	—	—	—	—	8 608	496	2 573	1 519	1 127	1 682	1 211	—
\$100 to \$119	—	—	—	—	7 277	576	2 298	1 011	938	1 645	809	—
\$120 to \$149	—	—	—	—	9 274	892	1 868	845	913	2 911	1 839	6
\$150 to \$199	—	—	—	—	6 780	833	1 110	280	438	2 151	1 968	—
\$200 to \$299	—	—	—	—	1 416	405	302	56	70	218	355	—
\$300 or more	—	—	—	—	393	96	11	5	—	25	256	—
No cash rent	—	—	—	—	1 116	572	179	49	47	153	116	—
Median	—	—	—	—	\$108	\$133	\$106	\$95	\$94	\$121	\$110	—
HEATING EQUIPMENT												
Steam or hot water	20 882	17 170	3 712	—	27 672	1 446	4 588	2 968	3 895	7 674	7 301	—
Warm-air furnace	34 740	32 170	2 559	11	11 147	2 130	3 431	1 446	1 017	1 820	1 303	—
Built-in electric units	169	116	53	—	2 128	91	91	114	150	752	924	6
Floor, wall, or pipeless furnace	872	745	127	—	848	153	203	63	79	192	158	—
Other means	1 983	1 504	474	5	3 440	563	1 658	650	298	211	60	—
None	9	9	—	—	—	—	—	16	—	—	4	—
AIR CONDITIONING												
Room unit(s)	20 744	18 416	2 322	6	14 632	938	1 935	796	1 148	5 245	4 570	—
Central system	3 266	3 186	80	—	742	124	89	20	53	216	240	—
None	34 655	30 148	4 501	6	30 063	3 403	8 047	4 416	4 073	5 154	4 962	8
AUTOMOBILES AVAILABLE												
1	30 568	27 024	3 538	6	23 542	2 519	6 076	2 454	2 578	5 693	4 222	—
2	17 159	15 658	1 501	—	5 413	905	1 431	477	443	1 240	917	—
3 or more	3 584	3 424	160	—	738	92	154	102	66	137	187	—
None	7 354	5 644	1 704	6	15 744	949	2 410	2 199	2 187	3 545	4 446	8

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

Table D—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 text¹)

St. Paul	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	58 655	8 054	17 478	9 418	8 663	6 329	4 099	2 514	2 100	2.9
BEDROOMS										
None and 1	3 269	1 582	1 429	181	60	—	17	—	—	1.5
2	19 977	3 883	9 145	3 754	2 089	831	164	93	18	2.2
3	23 711	1 890	5 521	4 223	4 688	3 828	2 202	988	371	3.5
4 or more	11 711	630	1 454	1 476	1 589	1 603	1 833	1 414	1 712	4.9
YEAR STRUCTURE BUILT										
1969 to March 1970	173	—	51	54	37	6	21	—	4	3.2
1965 to 1968	974	29	237	150	207	174	104	43	30	3.8
1960 to 1964	2 036	113	407	293	430	311	295	118	69	4.0
1950 to 1959	10 317	775	2 959	1 806	1 924	1 393	846	357	257	3.3
1940 to 1949	6 296	659	2 045	1 125	1 106	652	385	182	142	2.9
1939 or earlier	38 859	6 478	11 779	5 990	4 959	3 793	2 448	1 814	1 598	2.7
UNITS IN STRUCTURE										
1	51 714	6 165	15 114	8 350	7 998	5 876	3 831	2 405	1 975	3.0
2 or more	6 925	1 884	2 353	1 068	665	453	268	109	125	2.2
Mobile home or trailer	16	5	11	—	—	—	—	—	—	—
COMPLETE BATHROOMS										
1 and 1 1/2	49 153	7 025	15 119	7 969	7 267	5 112	3 231	1 905	1 525	2.8
2 and 2 1/2	7 184	502	1 727	1 142	1 224	1 002	684	491	412	3.7
3 or more	1 004	104	240	132	120	131	91	90	96	3.7
None or also used by another household	1 324	446	426	145	126	85	43	14	39	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	50 601	....	17 478	9 418	8 663	6 329	4 099	2 514	2 100	3.3
Male head, wife present, no nonrelatives	43 270	....	13 509	7 878	7 852	5 895	3 830	2 332	1 974	3.5
Under 25 years	7 616	....	191	234	203	70	23	5	10	3.3
25 to 34 years	7 171	....	588	1 231	2 209	1 659	946	308	230	4.3
35 to 44 years	8 242	....	396	628	1 623	1 773	1 576	1 189	1 057	5.3
45 to 64 years	19 228	....	6 246	4 507	3 455	2 292	1 242	826	660	3.2
65 years and over	7 813	....	6 088	1 229	331	101	43	4	17	2.1
Other male head	1 908	....	1 079	412	153	96	85	48	35	2.4
Under 65 years	1 217	....	577	259	131	82	85	48	35	2.6
65 years and over	5 691	....	502	153	22	14	—	—	—	2.2
Female head	5 423	....	2 890	1 128	658	338	184	134	91	2.4
Under 65 years	3 557	....	1 495	789	562	317	178	125	91	2.9
65 years and over	1 866	....	1 395	339	96	21	6	9	—	2.2
One-person households	8 054	....	....	....	....	....	....	....	....	1.0
VALUE-INCOME RATIO										
Specified owner occupied	50 763	6 013	14 831	8 181	7 897	5 763	3 776	2 345	1 957	3.1
Less than 1.5	17 250	368	3 894	3 651	3 202	2 340	1 602	1 193	1 000	3.7
1.5 to 1.9	11 333	365	3 050	1 906	2 125	1 658	1 089	622	518	3.7
2.0 to 2.4	6 678	368	1 949	1 076	1 289	946	564	275	211	3.4
2.5 to 2.9	3 928	407	1 379	533	677	421	259	124	128	2.8
3.0 to 3.9	3 703	792	1 684	425	307	206	160	67	62	2.1
4.0 or more	7 534	3 536	2 814	556	259	180	102	54	33	1.6
Not computed	337	177	61	34	38	12	—	10	5	1.5
Renter occupied housing units										
45 455	18 581	13 823	6 109	3 561	1 632	888	448	413	1.8	
BEDROOMS										
None	5 077	4 760	299	18	—	—	—	—	—	1.0
1	20 179	11 289	7 256	1 315	234	21	46	18	—	1.4
2	15 643	2 402	5 712	4 002	2 493	735	213	41	45	2.4
3 or more	4 594	255	595	598	1 096	911	612	231	296	4.3
YEAR STRUCTURE BUILT										
1969 to March 1970	1 981	822	781	163	118	50	36	11	—	1.7
1965 to 1968	4 690	1 736	1 747	691	285	116	59	25	31	1.8
1960 to 1964	5 142	2 173	1 736	715	327	60	62	47	22	1.7
1950 to 1959	4 323	1 580	1 229	603	438	196	139	38	100	2.0
1940 to 1949	3 232	1 154	930	622	315	142	45	14	12	2.0
1939 or earlier	26 087	11 118	7 400	3 315	2 078	1 068	547	313	248	1.8
UNITS IN STRUCTURE										
1	4 383	632	1 092	715	762	484	320	181	197	3.2
2	9 971	2 120	3 290	2 177	1 206	627	320	135	96	2.4
3 and 4	5 257	1 880	1 654	730	456	202	143	89	103	2.0
5 to 9	5 439	2 675	1 539	580	362	185	63	18	17	1.5
10 to 19	10 649	5 308	3 360	1 303	555	81	28	14	—	1.5
20 or more	9 750	5 960	2 888	604	220	53	14	11	—	1.3
Mobile home or trailer	6	6	—	—	—	—	—	—	—	—
COMPLETE BATHROOMS										
1 and 1 1/2	40 159	15 162	12 679	5 914	3 268	1 465	853	458	360	1.9
2 or more	926	184	382	99	74	58	39	40	50	2.2
None or also used by another household	4 352	3 197	712	145	159	94	19	5	21	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	26 874	....	13 823	6 109	3 561	1 632	888	448	413	2.5
Male head, wife present, no nonrelatives	18 374	....	8 942	4 273	2 630	1 193	683	349	304	2.6
Under 25 years	4 505	....	2 439	1 464	481	93	23	5	—	2.4
25 to 34 years	6 181	....	1 964	1 648	1 429	625	289	149	77	3.2
35 to 44 years	1 702	....	362	291	310	284	182	111	162	4.1
45 to 64 years	3 806	....	2 245	709	349	170	189	84	60	2.3
65 years and over	2 180	....	1 932	161	61	21	—	—	5	2.1
Other male head	1 930	....	1 293	353	205	42	22	8	7	2.2
Under 65 years	1 737	....	1 143	334	186	37	22	8	7	2.3
65 years and over	193	....	150	19	19	5	—	—	—	2.1
Female head	6 570	....	3 588	1 483	726	397	183	91	102	2.4
Under 65 years	5 635	....	2 784	1 387	707	390	177	88	102	2.5
65 years and over	935	....	804	96	19	7	6	3	—	2.1
One-person households	18 581	18 581	....	....	....	....	....	....	....	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	45 332	18 554	13 787	6 099	3 546	1 615	878	444	409	1.8
Less than 10 percent	3 396	1 162	1 244	497	223	128	61	50	31	1.9
10 to 14 percent	8 175	2 206	2 943	1 385	881	364	176	127	92	2.1
15 to 19 percent	7 859	2 409	2 596	1 407	813	340	167	67	60	2.1
20 to 24 percent	5 561	2 166	1 763	692	458	229	152	44	57	1.8
25 to 34 percent	6 589	2 127	2 054	675	468	222	134	41	90	1.7
35 percent or more	12 036	6 907	2 763	1 259	577	268	112	92	58	1.4
Not computed	1 716	799	424	126	64	76	23	21	21	1.6

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

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

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

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

St. Paul	Total	Less than 2 months	2 up to 6 months	6 months or more	St. Paul	Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	161	61	68	32	Vacant for rent	2 376	1 629	521	226
ROOMS					ROOMS				
1 to 3 rooms	23	8	11	4	1 room	280	220	44	16
4 rooms	14	4	7	3	2 rooms	450	248	160	42
5 rooms	63	33	19	11	3 rooms	795	602	128	65
6 rooms	38	6	21	11	4 rooms	496	332	115	49
7 rooms or more	23	10	10	3	5 rooms	221	147	47	27
					6 rooms	82	50	14	18
					7 rooms or more	52	30	13	9
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	150	61	57	32	With all plumbing facilities	1 966	1 320	458	188
Lacking some or all plumbing facilities	11	-	11	-	Lacking some or all plumbing facilities	410	309	63	38
BEDROOMS					BEDROOMS				
None and 1	16	-	-	16	None	477	377	87	13
2	68	20	-	48	1	1 121	791	302	28
3	36	21	15	-	2	602	402	142	58
4 or more	16	-	16	-	3 or more	199	123	21	55
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	5	-	5	-	1969 to March 1970	503	323	150	30
1960 to 1968	10	-	10	-	1960 to 1968	324	272	43	9
1950 to 1959	11	8	-	3	1950 to 1959	80	56	21	3
1949 or earlier	135	53	53	29	1949 or earlier	1 469	978	307	184
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	122	46	55	21	1	142	81	39	22
2 or more	39	15	13	11	2 to 4	486	276	117	93
					5 to 9	337	235	67	35
					10 to 19	602	472	109	21
					20 or more	809	565	189	55
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	77	19	40	18	Specified vacant for rent²	2 367	1 625	516	226
Warm-air furnace	74	38	26	10	Less than \$50	408	291	92	25
Built-in electric units	-	-	-	-	\$50 to \$59	264	175	76	13
Floor, wall, or pipeless furnace	4	-	-	4	\$60 to \$79	486	293	109	84
Other means	6	4	2	-	\$80 to \$99	316	209	70	37
None	-	-	-	-	\$100 to \$119	190	117	57	16
					\$120 to \$149	278	232	25	21
					\$150 to \$199	266	220	26	20
					\$200 or more	159	88	61	10
					Median rent asked	\$82	\$85	\$77	\$78
SALES PRICE ASKED									
Specified vacant for sale	117	46	50	21					
Less than \$5,000	-	-	-	-					
\$5,000 to \$9,999	4	-	-	4					
\$10,000 to \$14,999	34	7	16	11					
\$15,000 to \$19,999	51	28	23	-					
\$20,000 to \$24,999	10	7	3	-					
\$25,000 to \$34,999	18	4	8	6					
\$35,000 to \$49,999	-	-	-	-					
\$50,000 or more	-	-	-	-					
Median price asked	\$17 000	-	-	-					

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

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

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

St. Paul	Sales price asked—Vacant for sale ¹						Rent asked—Vacant for rent ²							
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	117	4	34	51	10	18	-	2 367	672	486	316	468	266	159
PLUMBING FACILITIES														
With all plumbing facilities	68	-	47	21	-	-	-	1 954	411	449	274	366	256	198
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	445	267	165	13	-	-	-
BEDROOMS														
None and 1	-	-	-	-	-	-	-	1 598	555	478	175	262	115	13
2	16	-	16	-	-	-	-	602	94	106	70	49	141	142
3	36	-	15	21	-	-	-	156	-	30	42	41	-	43
4 or more	16	-	16	-	-	-	-	43	29	-	-	14	-	-
YEAR STRUCTURE BUILT														
1969 to March 1970	5	-	-	-	-	5	-	503	208	17	4	70	119	85
1960 to 1968	10	-	7	3	-	-	-	324	24	26	19	135	89	31
1950 to 1959	11	-	-	4	-	7	-	80	7	4	12	37	12	8
1949 or earlier	91	4	27	44	10	6	-	1 460	433	439	281	226	46	35
UNITS IN STRUCTURE														
1	-	-	-	-	-	-	-	133	20	16	20	27	6	44
2 to 4	-	-	-	-	-	-	-	486	62	130	127	117	34	16
5 to 19	-	-	-	-	-	-	-	939	274	216	127	180	114	28
20 or more	-	-	-	-	-	-	-	809	316	124	42	144	112	71
INCLUSION OF UTILITIES IN RENT														
All utilities included	-	-	-	-	-	-	-	1 034	514	258	110	118	14	20
Some or no utilities included	-	-	-	-	-	-	-	1 333	158	228	206	350	252	139

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

Appendix A.—AREA CLASSIFICATIONS

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

USUAL PLACE OF RESIDENCE

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

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

COUNTIES

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

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

PLACES

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

STANDARD METROPOLITAN STATISTICAL AREAS

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

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

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

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

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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

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

HOUSEHOLD CHARACTERISTICS	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

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

APPENDIX B—Continued

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

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

15 percent

15 and 5 percent

APPENDIX B—Continued

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

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <p>c. Water? <input checked="" type="checkbox"/></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p>H24a. How many stories (floors) are in this building?</p> <p><input type="radio"/> 1 to 3 stories</p> <p><input type="radio"/> 4 to 6 stories</p> <p><input type="radio"/> 7 to 12 stories</p> <p><input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
<p>H14. How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/></p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H25a. Which fuel is used most for cooking?</p> <p><input checked="" type="checkbox"/> From underground pipes serving the neighborhood</p> <p><input type="radio"/> Gas 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> <p>b. Which fuel is used most for house heating?</p> <p><input checked="" type="checkbox"/> From underground pipes serving the neighborhood</p> <p><input type="radio"/> Gas 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>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>c. Which fuel is used most for water heating?</p> <p><input checked="" type="checkbox"/> From underground pipes serving the neighborhood</p> <p><input type="radio"/> Gas 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>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>H27a. Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <p>b. Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p>c. Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
	<p>H28a. Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <p>b. If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/></p>
	<p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p>
	<p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>

15 and 5 percent

5 percent

APPENDIX B--Continued

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

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

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

Appendix C.—ACCURACY OF THE DATA

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

SOURCES OF ERROR

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

EDITING OF UNACCEPTABLE DATA

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

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

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

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

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

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

SAMPLE DESIGN

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

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

APPENDIX C—Continued

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

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

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

TABLE A. Sample Rate for Subjects Included in This Report

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

RATIO ESTIMATION

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

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

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

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

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

Male Head Without Own Children Under 18

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

Female Head

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

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

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

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

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

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

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

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

SAMPLING VARIABILITY

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

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

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

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

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

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

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

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

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

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

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

APPENDIX C--Continued

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

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

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

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

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

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

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

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

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

TABLE D. Factor to be Applied to Standard Errors

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

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

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

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

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

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

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

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

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

Volume II. **METROPOLITAN HOUSING CHARACTERISTICS**

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

Volume III.

BLOCK STATISTICS

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

Volume IV.

COMPONENTS OF INVENTORY CHANGE

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

Volume V.

RESIDENTIAL FINANCE

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

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

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

Volume VII.

SUBJECT REPORTS

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

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

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

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

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

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

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

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

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

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

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

Volume II.

SUBJECT REPORTS

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

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

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

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

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

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

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

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

Additional Reports

Series PHC(E).

EVALUATION REPORTS

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

Series PHC(R).

PROCEDURAL REPORTS

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

Computer Summary Tapes

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

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

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

Third Count—source of the HC(2) 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 places, with each individual record showing selected characteristics of the persons's neighborhood.



OFFICIAL BUSINESS

Table

1, 11, 19 VALUE

2, 12, 20 GROSS RENT

3, 13, 21 INCOME IN 1989

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