Metropolitan Housing Characteristics

WORCESTER, MASS. STANDARD METROPOLITAN STATISTICAL AREA



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For list of contents see page VIII

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

1970 CENSUS OF HOUSING

Metropolitan Housing Characteristics

WORCESTER, MASS. STANDARD METROPOLITAN STATISTICAL AREA

LIST OF HC(2) REPORTS

Report number		Report	t		
number	Area	numbe		Repo	
			7154		ser Area
1	United States and Regions	43	Chattanoom Tree Or outon		
2	Abilene, Tex. SMSA	44	Chattanooga, TennGa. SMSA Chicago, III. SMSA	85	Sector Contraction Contraction of the
3	Akron, Ohio SMSA	45	Cincingo, III. SMISA	86	
	Albany, Ga. SMSA	46	Cincinnati, Ohio-KyInd. SMSA	87	
	Albany-Schenectady-Troy, N.Y. SMSA	47	Cleveland, Ohio SMSA	88	3, 1 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
		"	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
6 7	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
8	Allentown-Bethlehem-Easton, PaN.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
	Altoona, Pa. SMSA	50	Columbus, GaAla. SMSA	92	
	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	1	Huntington-Ashland, W. VaKy Ohio SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	93	Huntsville, Ala. SMSA
11	Andrew A. J. Anna .			94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Joskenn Mich CMCA
12 /	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Mich. SMSA
13 /	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-III. SMSA	97	Jackson, Miss. SMSA
15	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jacksonville, Fla. SMSA
15 /	Atlanta, Ga. SMSA	57	Decatur, III. SMSA	99	Jersey City, N.J. SMSA
16	Atlantia City, N.L. Care .			35	Johnstown, Pa. SMSA
17	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	100	Kalamazoo, Mich. SMSA
18 /	Augusta, GaS.C. SMSA	59	Des Moines, Iowa SMSA	101	
	Austin, Tex. SMSA	60	Detroit, Mich. SMSA	102	
20 E	Bakersfield, Calif. SMSA	61	Dubuque, Iowa SMSA	102	
20 0	Baltimore, Md. SMSA	62	Duluth-Superior, MinnWis. SMSA	103	
21 8	aton Rouge, La. SMSA				
22 B	Bay City, Mich. SMSA	63	Durham, N.C. SMSA	105	Lafayette, La. SMSA
23 B	Beaumont-Port Arthur-Orange, Tex. SMSA	64	El Paso, Tex. SMSA	106	
24 B	Sillings, Mont. SMSA	65	Erie, Pa. SMSA	107	
25 B	ilioxi-Gulfport, Miss. SMSA	66	Eugene, Oreg. SMSA	108	
		67	Evansville, IndKy. SMSA	109	Lansing, Mich. SMSA
26 B	Binghamton, N.YPa. SMSA	68	Fall Divers Mary Dis auto-	ļ	
27 8	Birmingham, Ala. SMSA	69	Fall River, MassR.I. SMSA	110	Laredo, Tex. SMSA
28 B	Bloomington-Normal, III. SMSA	70	Fargo-Moorhead, N. DakMinn. SMSA	111	Las Vegas, Nev. SMSA
29 B	loise City, Idaho SMSA	71	Fayetteville, N.C. SMSA	112	Lawrence-Haverhill, MassN.H. SMSA
30 B	oston, Mass. SMSA	72	Fitchburg-Leominster, Mass. SMSA	113	Lawton, Okla. SMSA
.		12	Flint, Mich. SMSA	114	Lewiston-Auburn, Maine SMSA
31 8	Bridgeport, Conn. SMSA	73	Fort Lauderdale-Hollywood, Fla. SMSA		
	Iristol, Conn. SMSA	74	Fort Smith, ArkOkla. SMSA	115	Lexington, Ky. SMSA
_	Irockton, Mass. SMSA	75	Fort Wayne, Ind. SMSA		Lima, Ohio SMSA
34 B	rownsville-Harlingen-San Benito, Tex. SMSA	76	Fort Worth, Tex. SMSA	117	Lincoln, Nebr. SMSA
35 B	Bryan-College Station, Tex. SMSA	77	Fresno, Calif. SMSA	118	Little Rock-North Little Rock, Ark. SMSA
36 B	within M.V. Ono.	-		119	Lorain-Elyria, Ohio SMSA
	uffaio, N.Y. SMSA	78	Gadsden, Ala. SMSA		
	anton, Ohio SMSA	79	Gainesville, Fla. SMSA		Los Angeles-Long Beach, Calif. SMSA
	edar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	121	Louisville, KyInd. SMSA
u⊐ (J 40 ∾	hampaign-Urbana, III. SMSA	81 (Gary-Hammond-East Chicago, Ind. SMSA		Lowell, Mass. SMSA
40 Cl	harleston, S.C. SMSA	82 (Grand Rapids, Mich. SMSA		Lubbock, Tex. SMSA
41 CI	harleston, W. Va. SMSA	83 (Great Falls, Mont. SMSA		Lynchburg, Va. SMSA
42 CI	barlotte, N.C. SMSA	84 (Green Bay, Wis. SMSA		Macon, Ga. SMSA
	•	U7 (LITERIN DAY, WIS. SMSA		Madison, Wis. SMSA

Report		Report		Report	1
number	Area	number	Area	number	Area
127	Manchester, N.H. SMSA	169	Pittsfield, Mass. SMSA		Springfield-Chicopee-Holyoke, Mass Conn. SMSA
128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA		Stamford, Conn. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, OregWash. SMSA	213	Steubenville-Weirton, Ohio-W. Va. SMSA
130	Memphis, TennArk. SMSA		Providence-Pawtucket-Warwick, R.IMass. SMSA		Stockton, Calif. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
100		174	Pueblo, Colo. SMSA	216	Tacoma, Wash. SMSA
132	Miami, Fla. SMSA	174	Racine, Wis. SMSA	217	Tallahassee, Fla. SMSA
133	Midland, Tex. SMSA	175	Raleigh, N.C. SMSA	218	Tampa-St. Petersburg, Fla. SMSA
134	Milwaukee, Wis. SMSA	170	Reading, Pa. SMSA	219	Terre Haute, Ind. SMSA
135	Minneapolis-St. Paul, Minn. SMSA	178	Reno, Nev. SMSA		
136	Mobile, Ala. SMSA	170			
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, III. SMSA	225	Tulsa, Okla. SMSA
					T
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 Vallejo-Napa, Calif. SMSA
145	New Britain, Conn. SMSA	187		229	Vineland-Millville-Bridgeton, N.J. SMSA
146	New Haven, Conn. SMSA	188	Salem, Oreg. SMSA	230	VIIIBIAINI-MINIANIE-DITAGECON, N.D. DINOVI
				021	Waco, Tex. SMSA
147	New London-Groton-Norwich, Conn. SMSA	189	Salinas-Monterey, Calif. SMSA	231	Washington, D.CMdVa. SMSA
			Salt Lake City, Utah SMSA	232	Waterbury, Conn. SMSA
1	New York, N.Y. SMSA	191	•	233	Waterloo, Iowa SMSA
	Newark, N.J. SMSA	192		235	West Palm Beach, Fla. SMSA
151	Newport News-Hampton, Va. SMSA	193	San Bernarolno-Riverside-Olitano, Darr. Smort	200	
1 150		104	San Diego, Calif. SMSA	236	Wheeling, W. VaOhio SMSA
	Norfolk-Portsmouth, Va. SMSA	194	San Francisco-Oakland, Calif. SMSA	237	Wichita, Kans. SMSA
153	Norwalk, Conn. SMSA			238	Wichita Falls, Tex. SMSA
154		196		239	Wilkes-Barre-Hazleton, Pa. SMSA
155		198		240	Wilmington, DelN.JMd. SMSA
156	Grandina Oity, Oria, OfficA	100	Guista Hudy Guill Chief		
157	Omaha, NebrIowa SMSA	199	Savannah, Ga. SMSA	241	
158	Orlando, Fla. SMSA		Scranton, Pa. SMSA	242	
159			Seattle-Everett, Wash. SMSA	243	
160		202	Sherman-Denison, Tex. SMSA	244	Youngstown-Warren, Ohio SMSA
161		203	Shreveport, La. SMSA	1 245	Caguas, Puerto Rico SMSA
	· · · · ·			245	
162	Pensacola, Fla. SMSA	204		246	Ponče, Puerto Rico SMSA
163		205		247	
164	Petersburg-Colonial Heights, Va. SMSA	206		L 240	Our same, raite this amore
165	Philadelphia, PaN.J. SMSA	207		1	
166	Phoenix, Ariz. SMSA	208			
167	Pine Bluff, Ark. SMSA	209	• -	1	
I 168	Pittsburgh, Pa. SMSA	1 210	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 (1) 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	ir	by age o	Size of household	Duration of vacancy	Seles price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS Year moved into unit Duration of vacancy	1, 11*, 19† –	2, 12*, 20t 	3, 13*, 211	- 9'		6, 16*, 24† 9			-	- 9
UTILIZATION CHARACTERISTICS Number of rooms Size of household (persons) Number of bedrooms Persons per room	1, 11*, 19† 1, 11*, 19† 1, 11* 1, 11*	2, 12*, 20† 2, 12*, 20† 2, 12* 2, 12* 2, 12*	3, 13*, 21† 3, 13*, 21† 3, 13* 4, 14*, 22†	5, 15*, 23† 4, 14*, 22† –	5, 15*, 23† 5, 15* 5, 15* 5, 15*, 23†	6, 16*, 24† 8, 18*, 26† 6, 16* 6, 16*, 24†	8, 18*, 26†	8, 18*	9 9	
PLUMBING CHARACTERISTICS Plumbing facilities Plumbing facilities by persons per room Complete bathrooms		2, 12*, 20† 2, 12*, 20†	4, 14*, 22† -		5, 15*, 23† 5, 15*, 23†	6, 16*, 24†	_	-	9	10
STRUCTURAL CHARACTERISTICS Units in structure Year structure built Elevator in structure	- 1, 11*, 19† -	6, 16*, 24† 2, 12*, 20† 2, 12*	6, 16*, 24† 3, 13*, 21† –	6, 16*, 24† 4, 14*, 22† -	6, 16*, 24† 5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	8, 18*, 26† 8, 18*, 26† 8, 18*, 26†	9 9	10 10
EQUIPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer	1, 11*, 19† 1, 11*, 19† – – – – – –	2, 12*, 20 1 - - - - -	3, 13*, 21† 3, 13*, 21† 3, 13* 3, 13* 3, 13* 3, 13* 3, 13* 3, 13*	4, 14*, 22† 		6, 16*, 24† 6, 16*, 24† 6, 16*, 24† – – – –		 	9 - - - - - - -	
FINANCIAL CHARACTERISTICS Value		- - 2, 12*, 20t	1, 11*, 19† 2, 12*, 20† 3, 13*, 21†	1, 11*, 19† 4, 14*, 22† 2, 12*, 20† 4, 14*, 22†	1, 11*, 19† 5, 15*, 23† 2, 12*, 20† 5, 15*, 23†	- - 6, 16*, 24† -	- 1, 11*, 19† 7, 17*, 25† 7, 17*, 25† -	- 1, 11*, 19† 8, 18*, 26† 2, 12*, 20† 8, 18*, 26†		
Sales price asked Rent asked Inclusion of utilities in rent	-			10 ¹ 10 ¹		 10	7, 17*, 25† _ _	- - -	9 9	
HOUSEHOLD CHARACTERISTICS Household composition by age of head Income in 1969	1, 11*, 19† 1, 11*, 19†	7, 17*, 25† 2, 12*, 20†	7, 17*, 25† _	7, 17*, 25† 4, 14*, 22†		7, 17*, 25†	- 7, 17*, 25t	8, 18*, 26† 3, 13*, 21†	-	10

³Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

Α.	Area Classifications	App-1
В.	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

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 owneroccupied 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 partsone-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 questionaire, 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

Worcester, Mass. 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 242]

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.]

Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
	Pages	Pages	Pages
A B	1 to 9 10 to 18		-
	letter A	letter Pages A 1 to 9	Ietter Tables 1-10 Tables 11-18 Pages Pages A 1 to 9 –

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

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

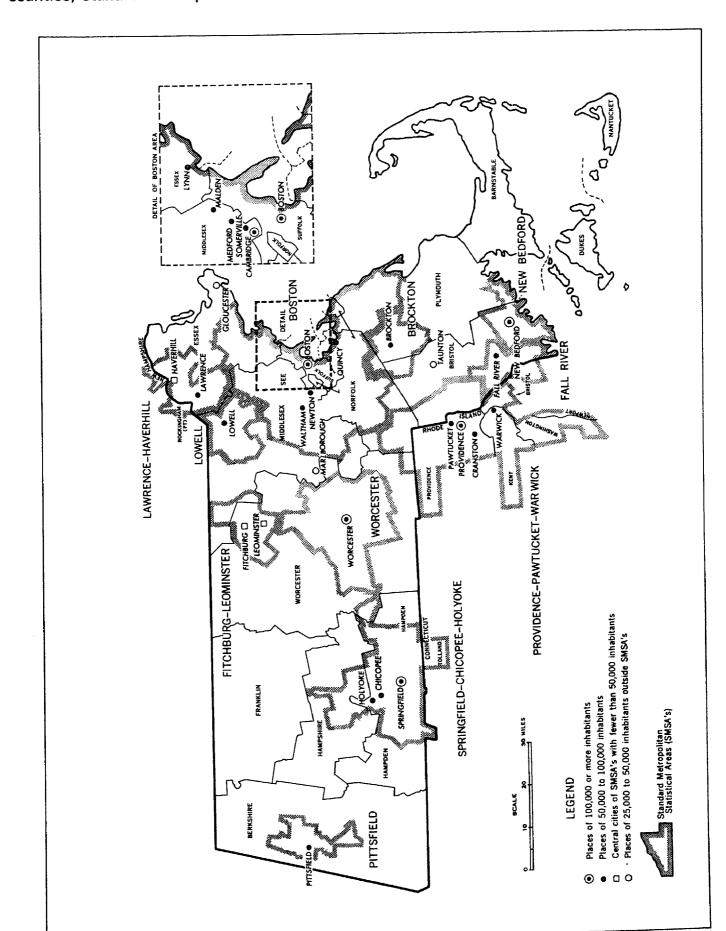
- 15 Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 16 Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 17 Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 18 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
- 2] 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

DESCRIPTION OF SMSA

The Worcester, Mass. Standard Metropolitan Statistical Area comprises the following:

> Worcester County (part) Auburn town Berlin town Boylston town Brookfield town East Brookfield town Grafton town Holden town Leicester town Millbury town Northborough town Northbridge town North Brookfield town Oxford town Paxton town Shrewsbury town Spencer town Sterling town Sutton town Upton town Westborough town West Boylston town Worcester city

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Counties, Standard Metropolitan Statistical Areas, and Selected Places

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

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

	·····											
The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 10 \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied	48 440	1	862	1 486	3 999	5 867	15 200	10 525	6 800	2 352	851	18 800
ROOMS 1 and 2 rooms			-							1		1
3 rooms	423	57	5 43	25 81	22 121	- - 41	14 14	13	16	5 -	10	8 900 10 600
4 rooms	12 631		145 235	279 326	753 1 068	911	1 361	349 2 795	106 807	14 68	9	14 500 17 600
6 rooms7 rooms	15 851	91	220	477	1 228	1 820	5 348	4 183	2 130	287	67	18 900
a rooms or more	6 826	32	165 49	178 120	483 324	660 472	2 175	2 093	2 067	577	134 631	21 400 26 800
Median	. 5.9	4.8	5.5	5.6	5.5	5.5	5.7	6.0	6.7	7.5+	7.5+	•••
PERSONS			1			~		· · · ·		ал. Ал		
1 person2 persons	3 944	176 161	192 284	306 515	603	539 1 827	1 080	535 2 425	364	- 88 344	61 257	15 600 17 700
3 persons	8 161	52	150	213	600	976	2 748	1 628	1 105	334	155	19 000
5 persons	9 371 6 848	61 14	104	134 114	491	1 053	2 959 2 236	2 374) 531) 194	574 485	90	19 800 20 200
6 persons or more	7 339	34 2.0	78 2.3	204 2.3	490	850 3.1	2 294 3.5	1 708 3.7	1 012	527 4.2	142	19 400
Units with roomers, boarders, or lodgers	432	1 1	10	25	38	46	125	92	55	22	19	18 800
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	47 965		782	1 296	3 942	5 818	15 134	10 498	6 794	2 348	851	18 900
0.50 or less 0.51 to 1.00	22 042		464 278	840 461	2 319	2 904 2 409	6 629 7 372	4 381 5 544	3 338 3 269	1 219	642 200	18 600 19 400
1.01 to 1.50 1.51 or more	2 637	24	23 17	85	267	480	1 055	510	162	22	9	17 000
Locking some or all pletabing facilities	286 475	98	80	10 90	60 57	25 49	80 64	63 27	25	-	=)	16 200 9 :200
0.50 or less 0.51 to 1.00	1 11		52 15	90 54 30	47	44	19 39	13 14	6	4	-	9 000 9 1800
1.01 to 1.50	25		4	6		5	6	-	-1	-	-	
	ĺ	-	7	-	-	-	-	-	-	-	-	
BEDROOMS None and 1	1 637	149	44	231	278	268	370	208	71	1		13 500
23	11 722	115	248	493	1 293	2 030	4 109	2 313	938	127	56	17 000
4 or more	25 420 10 382	209 44	437 91	410 267	1 587 727	2 891 991	8 563 2 492	5 929	4 421 1 887	801 1 335	172	19 300 21 600
YEAR STRUCTURE BUILT	Į			10 × 10	1	1		1		1	. 1	
1969 to March 1970	903	5	ai	5	6	70	52	205	338	219	53	29 700
1965 to 1968 1960 to 1964	3 667 4 661	17	36	14	48 142	81 280	1 357	1 091	981 972	567 370	171	24 500 21 800
1950 to 1959 1940 to 1949	14 951	59	8 99	143	686	1 551	5 520	3 992	2 206	517	178	19 500
1939 or earlier	5 910 18 348	46 362	107 602	205	502 2 615	887 3 058	2 069 5 541	1 162 2 684	715	155 524	62 276	17 900
COMPLETE BATHROOMS				ł				1	1	1		
1 ond 1 1/2 2 ond 2 1/2	41 217	382	727	1 355	3 790	5 430	14 177	9 533	4 788	952	83	18 200
3 or more	5 630 818	11	42	41	166	221 5	864	1 025	1 657	1 158	445 271	27 700 41 800
None or also used by another household	658	115	105	125	87	80	68	34	31	13	-1	9 700
HOUSEHOLD COMPOSITION Two-or-more-person households	44 496	322	678	1 180	3 396	5 328	14 120	9 990	6 436	2 264	790	19 100
Male head, wife present, no nonrelatives	39 835	248	507	910	2 889	4 650	12 760	9 130	5 946	2 264	790	19 300
Under 25 years 25 to 34 years	330 6 286	10 10	4	4 95	23 270	51 589	131	83	19	5 260	49	17 600
35 to 44 years45 to 64 years	9 920 18 569	36 125	40 241	148 433	440	977 2 281	3 107 5 946	2 565	1 657	768	182 375	20 400
65 years and over	4 730	67	175	230	699	752	1 337	771	462	116	121	16 500
Other male head Under 65 years	1 268 880	17	51 32	84 47	146	177	292 187	238 171	170	79 74	14	18 100
65 years and over Femole head	388 3 393	57	19	37	67 361	42 501	105	67	46 320	5	49	16 800
Under 65 years	2 333	30	78	95	233	290	814	427	249	93	24	17 200
65 years and over One-person households	1 060 3 944	27 176	34 192	91 306	128 603	211 539	254	195 \$35	71 344	24 88 58	25 61	15 800 15 400
Under 65 years 65 years and over	1 716 2 228	70 106	70 122	106 200	205 398	242 297	495 585	260 275	188 176	58 30	22 39	16 400
INCOME IN 1969												
Less than \$2,000	2 054	101	114	164	302	289	545	290	145	40	64	15 500
\$2,000 to \$2,999 \$3,000 to \$3,999	1 345	53 34	73	115	259 176	168 185	292 347	218 192	109 92	54 (21 (4	15 100
\$4,000 to \$4,999 \$5,000 to \$5,999	1 358	40	40	103 130	245 191	184	343	236	114	47	4	15 800
\$6,000 to \$6,999	1 722	30 32	37	61	207	322	468	342	203	33 36	14	17 000
\$7,000 to \$9,999 \$10,000 to \$14,999	8 391 16 823	84 88	204 163	314 362	979 1 076	1 348	3 103	1 532	660 2 284	127 451	40 66	16 900 18 900
\$15,000 to \$24,999 \$25,000 or more	11 065	30	61 22	159	517	910 66	3 151 326	2 932 518	2 274 851	863 680	168	21 200 30 900
Median	\$12 000	\$5 700	\$7 300	\$8 000	\$8 900	\$10 400	\$11 600	\$12 800	\$14 400	\$19 300	\$28 400	
YEAR MOVED INTO UNIT		. 1				{						
1969 to March 1970	3 246 3 045	24 13	36 8	78 38	112 136	136 175	736 793	877 793	760 688	397 294	90 107	22 900 22 300
1967	2 410	27	33	62	110	242	775	599	373	152	37	19 700
1965 and 1966	4 948 9 449	41 49	26 105 230	79 150	275 540	475 1 085	1 498 3 355	1 224 2 296	880 1 244	356 438	94 187	20 300 19 200
1950 to 1959 1949 or earlier	15 753 9 472	139	230 436	464	1 324	2 137	5 316 2 685	3 485	1 934	525 213	199	18 500 15 700
	(- , 1]										_	
HEATING EQUIPMENT Steam or hot water	33 864	153 121	427	732	2 340	3 940	10 728	7 951	5 223	1 758	612	19 400
Warm-air furnace Built-in electric units	10 403 2 186	121 20	209	436	1 249	1 587	3 622	1 913	884 601	231 298	151	17 100
Floor, woll, or pipeless furnace	576	14	24 182	- 44	100	102 121	187	57	16	32 33	10	15 100
Other means	1 397	185	182	237 4	240 -	-	-	95	5	-	-	
AIR CONDITIONING	[1]]	
Room unit(s)	7 999	40	77	164	319	746	2 358	1 821	1 473	732	269 120	20 800
Centrol system	384 39 940	461	797	1 359	18 3 706	4 975	12 709	41 8 767	5 157	1 599	410	18 400
L	+					L						ليتمسي

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

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

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

	I Data based	on sample, se	e lexi. For n	animum bose	TUP Deriveu I	igures (percer	n, meolun, el	ic.) and mean	ing of symbo	12, 300 lexi)			
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 (dollors)
Specified renter occupied	41 593	1 490	1 459	2 138	3 127	9 516	9 350	7 637	4 227	802	153	1 694	105
ROOMS													
1 room . 2 rooms . 3 rooms . 4 rooms . 6 rooms . 7 rooms . 8 rooms or more . Median	1 541 1 717 5 053 10 356 11 988 8 808 1 441 689 4.7	602 269 288 189 115 22 5 - 2.0	261 223 333 361 184 80 6 11 3.2	297 300 310 560 417 223 22 9 3.8	36 140 472 1 033 1 005 378 53 10 4.4	146 297 986 2 563 3 435 1 843 177 69 4.7	72 177 932 2 033 3 131 2 642 309 54 5.0	72 161 1 043 1 778 2 078 2 035 335 135 4.9	6 55 460 1 281 1 118 970 212 125 4.8	15 92 194 157 181 91 72 5.1	25 10 31 19 29 14 25 5.1	24 80 127 333 329 405 217 179 5.4	56 72 102 103 104 113 124 143
PERSONS													
person more Median Units with roamers, boarders, or lodgers	12 111 12 210 6 956 4 901 2 640 2 775 2.2 678	1 271 144 15 30 22 8 1.1 10	980 286 78 56 38 21 1 2 14	1 286 526 141 103 32 50 1.3 22	1 349 935 383 229 134 97 1.7 31	2 756 2 991 1 588 1 128 516 537 2.2 71	1 655 2 890 1 874 1 363 714 854 2.6 138	1 295 2 341 1 572 1 113 643 673 2.6 191	756 1 346 906 550 328 341 2.5 128	180 192 147 117 73 93 2.7 22	38 61 19 5 9 21 2.1 10	545 498 233 207 131 80 2.1 41	85 107 112 114 115
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plannbing facilities 0.50 or less 0.50 or less 0.51 to 1 GQ 0.50 or less 1.51 or more 1.51 or more Lacking some or all plannbing facilities 0.50 or less 0.51 to 1 GQ 1.01 to 1.50 1.01 to 1 GQ 1.01 to 1.50 1.51 or more 1.51 or more	39 177 22 093 14 989 1 761 334 2 416 1 101 1 254 15 46	941 602 314 16 9 549 160 389 - -	1 160 834 301 16 9 299 96 199 - 4	1 589 1 188 356 22 23 549 264 269 - 16	2 885 2 034 772 71 8 242 158 75 9 -	9 222 5 438 3 265 424 95 294 181 101 - 12	9 136 4 594 3 904 522 116 214 91 118 - 5	7 525 3 591 3 439 452 43 112 55 51 6 -	4 210 2 218 1 809 162 21 17 17 - -	797 451 313 33 5 - 5 -	135 78 52 5 18 - 18 - -	1 577 1 065 464 38 10 117 79 29 - 9	107 102 112 112 103 65 70 61
BEDROOMS													
None	1 582 8 849 16 374 15 002	538 591 330 99	288 532 357 149	224 792 612 381	45 671 1 898 708	211 1 803 3 809 3 896	84 1 762 3 759 3 782	128 1 638 2 955 3 062	20 646 1 822 1 727	- 166 399 339	24 	20 248 390 808	58 99 105 110
YEAR STRUCTURE BUILT						·							
1969 to Morch 1970 1965 to 1968 1960 to 1964 1960 to 1964 1950 to 1959 1940 to 1959 1940 to 1949	869 1 623 1 297 2 298 2 342 33 164	78 222 80 140 61 909	43 136 166 140 71 903	123 28 16 76 131 1 764	22 28 22 223 127 2 705	41 86 97 485 385 8 422	15 90 132 298 453 8 362	120 265 225 396 490 6 141	291 593 327 259 407 2 350	106 108 92 89 87 320	- 16 64 4 - 69	30 51 76 188 130 1 219	144 142 133 100 115 103
ELEVATOR IN STRUCTURE													
4 filoors or more With elevator Walk-up I to 3 floors	3 428 1 789 1 639 38 379	541 405 136 1 017	307 264 43 1 019	325 116 209 1684	127 21 106 3 195	531 195 336 9 188	529 230 299 8 858	486 175 311 7 297	351 152 199 3 864	188 188 716	43 43 - 75	- - 1 466	96 87 100 105
COMPLETE BATHROOMS													
I and I 1/2 2 or more None or also used by onother household INCOME IN 1969	37 919 584 3 121	875 12 563	1 157 22 308	1 484 24 667	2 775 317	9 035 25 513	8 920 68 363	7 343 35 187	4 127 81 19	700 65 7	60 75 24	1 443 177 153	107 161 69
Less than \$2,000	5 711	695	587	540	579	1 260	690	573	396	77	19	295	84
\$2.000 to \$2.999 \$3.000 to \$3.999 \$4.006 to \$4.999 \$5.000 to \$3.999 \$7.000 to \$5.999 \$7.000 to \$6.999 \$7.000 to \$9.999 \$10.000 to \$14.999 \$15.000 to \$14.999 \$15.000 to \$14.999 \$15.000 to \$14.999 \$15.000 to \$14.999 \$15.000 to \$14.999	3 706 2 872 2 972 2 849 3 302 9 152 7 971	310 132 95 88 38 76 51 51	300 121 47 66 59 117 105 42 15 \$2 500	289 268 256 153 140 257 162 68 5 \$3 900	446 309 269 248 245 558 377 90 6 \$4 900	909 702 791 725 906 2 112 1 665 403 43 \$6 400	701 557 668 731 740 2 506 2 131 569 57 \$7 700	573 410 434 479 504 693 1 997 1 847 637 63 \$8 100	396 151 182 214 218 301 1 027 1 106 561 71 \$8 900	77 20 29 32 21 41 153 210 187 32 \$10 700	19 6 14 9 - 5 27 15 28 30 \$9 600	273 164 124 112 95 134 322 302 122 24 \$6 400	89 95 99 103 105 110 114 126 137
YEAR MOVED INTO UNIT													
1949 to March 1970 1968 1965 and 1966 1965 and 1966 1960 to 1959 1950 to 1959 1949 or eacher	11 238 5 773 3 417 5 162 6 033 6 439 4 162	423 194 90 224 159 275 85	379 115 128 185 257 213 210	535 116 220 178 338 419 369	461 257 196 373 591 765	1 874 1 108 734 1 309 1 705 1 597	2 251 1 329 817 1 145 1 335 1 577	2 736 1 098 701 958 985 746	1 931 659 351 477 353 332	406 123 45 64 41 60	37 27 29 14 40 7	205 147 106 235 229 448	116 111 107 103 98 96
GROSS RENT AS PERCENTAGE OF		د	£10	307	449	1 246	897	341	124	33	5	403	91
income	4 348	245	286	387	541	1 201							
10 to 14 percent 15 to 19 percent 20 to 24 percent 23 to 34 percent 35 percent or more Not computed	8 678 8 7 153 4 716 5 152 9 196 2 350	149 148 156 273 438 61	200 126 98 145 263 461 78	387 324 319 197 254 620 37	541 680 378 307 354 800 67	1 391 2 454 1 569 922 936 2 022 222	922 2 565 1 964 995 1 043 1 803 58	419 1 599 1 671 1 154 1 140 1 607 47	144 642 858 722 684 1 106 71	5 108 130 108 182 259 10	6 11 18 10 23 80 5	 1 694	90 105 111 113 110 103 85
Air conditioning											-		
Rigor Units) Centrol Lystem Akone . Excludes one fomby homes on 10 ocr	4 031 227 37 366	27 6 1 417	48 - 1 439	102 6 2 067	190 7 2 895	676 8 897	766 15 8 570	753 42 6 770	1 005 31 3 191	241 73 458	28 34 97	195 13 1 565	124 200 103

Excludes one formity normes on 10 ocres 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)

(Data based on s	ample, see tex	t. For minim	um base for de	rived figures	(percent, me	alan, etc.) unu					
The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 10 \$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	62 733	3 180	2 136	1 893	2 119	2 194	2 518	11 298	20 926	13 091	3 378	11 400
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 7 rooms or more	196 844 6 060 17 395 20 226 18 012	28 173 498 880 973 628	42 87 337 636 624 410	12 54 319 607 560 341	12 74 397 620 685 331	9 54 304 714 707 406	17 61 424 736 737 543	24 155 1 397 3 686 3 749 2 287	43 133 1 760 6 214 7 227 5 549	9 42 563 2 975 4 140 5 362	11 61 327 824 2 155	5 400 5 600 8 600 10 700 11 400 13 700
PERSONS 1 persons 2 persons 3 and 4 persons 5 persons or more Units with roomers, boarders, or lodgers	6 204 17 710 21 998 8 110 8 711 639	1 986 711 283 78 122 93	955 865 180 89 47 35	561 989 277 18 48 34	582 1 053 345 65 74 28	354 1 114 489 115 122 41	448 1 071 603 227 169 32	681 3 502 4 185 1 525 1 405 123	490 5 166 8 467 3 288 3 515 136	99 2 512 5 759 2 163 2 558 69	48 727 1 410 542 651 48	3 300 9 600 12 700 12 900 13 400 8 400
BEDROOMS Less then 3 34 or more	19 447 30 797 12 468	1 359 1 069 416	940 765 277	1 018 763 176	1 301 819 242	1 145 1 020 220	1 083 929 284	4 309 5 106 1 642	5 603 11 827 3 719	2 289 7 040 3 776	400 1 459 1 716	9 000 12 100 14 000
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	974 9 103 15 764 36 892	13 210 496 2 461	11 175 317 1 633	156 246 1 491	4 138 392 1 585	10 188 340 1 656	28 289 485 1 716	153 1 601 2 612 6 932	382 3 481 6 066 10 997	292 2 228 3 955 6 616	81 637 855 1 805	13 500 12 600 12 500 10 400
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 to 1967 1959 or earlier	4 044 3 618 20 332 34 723	78 97 655 2 433	55 54 352 1 687	68 35 368 1 417	89 28 365 1 594	83 83 470 1 544	170 86 655 1 653	782 802 4 016 5 702	1 690 1 431 8 041 9 703	832 781 4 265 7 230	197 221 1 145 1 760	12 100 12 200 12 000 10 700
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With air conditioning Room unit(s)	52 952 35 030 15 838 11 961 4 415 10 434 9 961 473	1 568 528 207 274 73 197 192 5	1 160 508 201 158 80 160 148 12	1 207 559 82 310 112 200 185 15	1 592 687 225 237 126 262 255 7	1 754 747 185 341 119 283 269 14	1 687 847 377 355 130 268 262 6	9 043 5 301 1 627 1 765 447 1 699 1 600 99	19 220 13 660 4 980 4 103 1 280 3 293 3 199 94	12 345 9 243 5 378 2 918 1 211 2 815 2 711 104	3 376 2 950 2 576 1 500 837 1 257 1 140 117	12 200 13 100 15 100 13 106 14 400 13 300 13 200 14 200
Central system Automobiles avoilable: 1	33 250 21 459 3 398	1 550 224 5	1 145 219 16	1 278 134 7	1 417 205 22	1 554 264 19	1 856 455 41	8 026 2 625 196	11 820 8 052 701	3 986 7 245 1 749	618 2 036 642	9 900 14 100 19 000
Renter occupied housing units	42 037	5 748	3 726	2 913	2 986	2 874	3 345	9 235	8 066	2 778	366	6 800
ROOMS 1 room 2 rooms 3 rooms 4 rooms 5 rooms or more	1 545 1 731 5 099 10 432 12 095 11 135	526 579 978 1 553 1 311 801	300 275 642 988 970 551	189 200 445 828 708 543	140 161 430 758 866 631	93 103 463 772 761 682	76 133 386 833 1 023 894	159 188 898 2 363 2 965 2 662	40 67 640 1 735 2 652 2 932	17 20 184 557 751 1 249	5 5 33 45 88 190	2 800 3 100 5 100 6 400 7 400 8 700
PERSONS 1 persons 2 persons 3 and 4 persons 5 persons or more Units with roomers, boarders, or lodgers	12 201 12 341 11 973 2 674	4 107 809 599 110 123 205	1 982 1 141 512 57 34 88	1 254 954 532 99 74 71	1 170 975 556 152 133 70	968 866 732 105 203 63	838 1 009 1 031 168 299 69	1 267 2 822 3 492 795 859 58	463 2 747 3 238 861 757 50	115 913 1 171 277 302 9	37 105 110 50 64 -	3 000 7 400 8 700 9 400 8 900 3 700
BEDROOMS None I 2 3 or more	8 938	515 1 870 1 681 1 285	228 961 1 585 786	147 764 1 243 789	88 745 779 951	130 778 1 131 966	598 1 277	238 1 806 4 015 3 580	150 1 175 3 624 3 661	200 1 034 1 643	41 173 305	3 400 5 200 7 400 8 300
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968	875 2 947 2 359	232 619 288 4 609	67 265 298 3 096	64 176 192 2 481	66 107 195 2 618	36 154 144 2 540	128 189	128 535 494 8 078	112 621 402 6 931	88 293 141 2 256	- 49 16 301	5 200 7 100 6 300 6 900
YEAR MOVED INTO UNIT 1969 to March 1970 1968	11 328 5 221 14 768	1 594 575 2 021 1 701	1 194 413 1 132 1 055	888 357 945 736	906 359 1 075 769	734 397 974 726	412	2 408 1 442 3 380 1 903	1 909 907 2 961 2 112	534 331 1 018 872	28 28 131 144	6 300 7 200 7 100 6 503
GROSS RENT AS PERCENTAGE OF INCOME Specified rester occupied' Less thion 15 percent 15 to 19 percent	- 41 593 - 13 026 - 7 153 - 4 716 - 5 152 - 9 196	5 711 6 15 223 4 516 951	3 706 19 52 226 688 2 557 164	2 872 42 178 332 972 1 224 124	2 972 105 330 720 1 194 511 112	636 854 821 210	469 1 123 843 636 9 97	9 152 3 430 3 361 1 446 517 76 322	7 971 5 978 1 338 260 88 5 302	2 712 2 441 116 20 13 - 122	-	6 800 11 900 8 100 6 300 4 600 2 000 3 500
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With air conditioning Benom with(1)	23 038 8 627 2 084 - 1 981 - 1 113 - 4 295 4 068	329 104 153 45 272 219	1 269 236 20 130 45 165	1 480 321 107 100 257 246	1 282 399 53 315 41 183 168	480 66 133 65 299	572 6 97 3 67 3 120 2 327	2 381 425 451 327 1 023 967	5 719 2 743 598 578 115 1 155 1 147 8	1 006 534 212 225 517 477	160 80 42 128 104 85	8 900 9 200 8 900 9 000
Koom Units) Centrol system Automobiles available: 1 2 3 or more	227 	53 1 292 96		11 1 319 51 22	1 574 120 13	1 62	3 2 24 8 23	6 840 918	5 458 1 893 74	3 89	87	11 600

Excludes one-family homes on 10 acres or more.

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

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

W 01401				li plumbing faci			etc.) and meanin		e or all plumbing	focilities	
The SMSA	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or		0.50 or	0.51 to	1.01 to	1.51 or
Owner occupied housing units	62 733	61 901	31 288			more	Total	less	1.00	1.50	more
PERSONS 1 person 2 persons 3 persons 4 persons 5 persons 6 persons 6 more Median	- 6 204 - 17 710 - 10 782 - 11 216 - 8 110 - 8 711	5 921 17 452 10 639 11 170 8 063 8 656 3.2	5 895 17 014 6 379 1 385 615 - 2.1	27 002 26 435 4 250 9 766 7 268 5 257	3 267 		832 283 258 143 46 47 55	583 274 225 80 	194 9 33 57 36 39 20	- - 6 10 4 26	9
Units with roomers, boarders, or lodgers	- 639	621 933	257	4.4 283	6.9 72	7.5+ 9	2.0 18	1.6 13	3.5 5		
1965 to 1968	3 996 5 200 15 661	3 977 5 157 15 545 6 248 29 997	1 320 1 866 6 393 3 369 17 917	520 2 426 2 955 7 985 2 479 10 545	12 231 310 1 027 374 1 398	- 26 140 26 137	14 19 43 116 53 615	14 22 47 22 443	13 21 40 19 146	6 20 8 26	9 4 -
Ites than \$2,000 \$2,000 to \$2,099 \$3,000 to \$2,999 \$4,000 to \$4,999 \$5,000 to \$4,999 \$5,000 to \$4,999 \$5,000 to \$4,999 \$10,000 to \$4,999 \$10,000 to \$4,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median VALUE-INCOME RATIO	2 136 1 893 2 119 2 194 2 518 11 298 20 926 13 091 3 378	3 043 2 035 1 808 2 084 2 132 2 483 11 137 20 749 13 067 3 363 \$11 500	2 680 1 767 1 570 1 674 1 558 1 685 5 304 8 191 5 032 1 827 \$9 700	319 251 220 368 488 5 103 11 013 7 123 1 379 \$12 700	44 12 13 42 69 55 665 1 397 847 123 \$12 600	- 5 5 - 17 5 65 148 65 34 \$12 500	137 101 85 35 62 35 161 177 24 15 \$5 900	119 90 80 31 36 24 87 98 9 9 \$4 100	18 11 5 4 20 5 57 57 57 57 11 6 \$8 800	- - 6 8 22 4 -	
Specified owner occupied' Less than 1.5 1.5 to 1.9 2.0 to 2.4 2.5 to 2.9 3.0 to 3.9 4.0 or more	19 186 11 407 6 382 3 178 2 976 5 004	47 965 18 980 11 340 6 333 3 169 2 934 4 902 307	23 000 7 742 4 641 2 934 1 679 1 788 3 957 259	22 042 9 580 5 994 3 102 1 405 1 063 855 43	2 637 1 495 643 262 74 73 85 5	286 163 62 35 11 10 5 -	475 206 67 49 9 42 102 -	310 119 35 31 5 31 89 -	131 59 26 18 4 11 13	25 19 6 	9 9 1 1 1 1 1
Steam or hot water Warm-air furnoce Built-in electric units Floor, wall, or pipeless furnoce Other means None	12 795 2 411 739 3 593 19	42 919 12 616 2 397 696 3 258 15	21 965 5 929 1 036 322 2 026 10	18 563 5 804 1 272 306 1 052 5	2 192 784 84 60 147 -	199 99 5 8 33 -	257 179 14 43 335 4	180 115 10 35 239 4	55 60 4 8 67 -	22 4 - 20 -	- - 9 -
Ronter occupied housing units	42 037	39 610	22 321	15 170	1 775	344	2 427	1 101	1 260	20	46
2 persons	7 026 4 947 2 674 2 848 2.2	10 470 11 957 6 874 4 874 2 619 2 816 2.3 650	9 884 9 992 2 281 135 29 1.6 293	586 1 955 4 567 4 662 2 295 1 105 3.6 304	- 26 63 270 1 416 6.4 38	10 14 25 295 7.5+ 15	1 731 384 152 73 55 32 1.2 33	833 255 13 - 1.2	898 101 129 73 49 10 1.2 15	- 6 14 	28 10
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1944 1939 or earlier INCOME IN 1969	807 1 708 1 381 2 278 2 490 33 369	807 1 677 1 341 2 235 2 441 31 048	388 971 788 1 008 1 344 17 845	413 678 511 1 014 1 009 11 479	23 35 179 76 1 448	6 5 7 34 12 276	31 40 43 49 2 321	- 14 16 26 18 1 040	17 24 11 26 1 223	- - 6 19	- - 5 39
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 \$5,999 \$6,000 to \$6,999 \$10,000 to \$14,999 \$10,000 to \$14,999 \$10,000 to \$24,999 \$15,000 to \$24,999 \$15,200 to \$24,999 \$15,200 to \$24,999 \$15,200 to \$24,999	3 726 2 913 2 986 2 874 3 345 9 235 8 046 2 778 366 \$6 800	5 093 3 353 2 666 2 721 2 694 3 191 8 880 7 906 2 755 351 \$7 000	3 992 2 530 1 787 1 807 1 630 1 700 3 947 3 514 1 252 162 \$5 600	998 789 791 796 909 1 219 4 282 3 911 1 320 155 \$8 500	76 29 83 95 133 234 562 399 143 21 \$8 300	27 5 23 22 38 89 82 40 13 \$8 800	655 373 247 265 180 154 355 160 23 15 \$3 800	373 175 103 135 83 68 112 37 5 10 \$3 000	265 193 140 119 97 86 228 109 18 5 \$4 300	6 10 4 	11 5 4 11
GROSS RENT AS PERCENTAGE OF INCOME Specified rentre occupied* Less than 10 percent 10 to 14 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	41 593 4 348 8 678 7 153 4 716 5 152 9 196 2 350	39 177 4 031 8 311 6 801 4 443 4 908 8 515 2 168	22 093 1 761 3 857 3 303 2 405 3 033 6 208 1 526	14 989 1 955 3 913 3 074 1 729 1 644 2 085 589	1 761 211 459 381 268 214 185 43	334 104 82 43 41 17 37 10	2 416 317 367 352 273 244 681 182	1 101 79 109 154 127 115 400 117	1 254 229 248 192 146 124 259	15 4 5 - - 6	46 5 5 6 - 5 16
HEATING EQUIPMENT Steam or hot water	19 970 3 636 1 921 444 15 971 95	18 517 3 556 1 916 430 15 118 73	11 151 1 670 1 047 244 8 170 39	6 546 1 659 806 162 5 974 23	685 197 51 24 813 5	135 30 12 161 6	1 453 80 5 14 853 22	421 51 615 14	56 988 29 5 9 221 8	6 	9 38 - 5 3 -

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 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?

	[Data based on s	sample, see text.	For minimum bo	ise for derived fi	gures (percent, n	heolan, erc.) and	meaning or symp	JIS, SEE TEXT		
The SMSA	Total	l room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Medion
Owner occupied housing units	62 733	43	153	844	6 060	17 395	20 226	9 896	8 116	5.8
Units with 1 or more bothrooms and complete kitchen facilities for exclusive use, and direct access	61 479	26	86	692	6 008	16 960	19 967	9 665	8 075	5.8
PERSONS	6 204	35	91	318	1 150	1 741	1 721	664	484	5.4
2 persons3 persons	17 710 10 782	35	36	432 63	3 044 967	5 847 3 277	5 357 3 508	1 697	1 294 1 275 1 385	5.4 5.8 6.0 6.2
4 persons5 persons5	11 216 8 110	- 1	9	20 11	636 167	3 008 2 031	4 025 2 770	2 133	1 449	6.2 6.5
6 persons of more	8 711 3.2		1.3	1.7	96 2.1	1 491 2.8	2 845 3.4	2 050 3.9	2 229 4.2	•
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plombing facilities 0.50 or less	61 901 31 288	34	107 57	751 272	5 880 4 041	17 249 7 516	20 050 10 454	9 812 3 982	8 018 4 966	5.8 5.9
0.51 to 1.00	27 002 3 267		30 5	458	1 580 226	8 260	8 373 1 177	5 379 420	2 896 146	5.9 5.6
1.01 to 1.50	344		15	93	33 180	190 146	46 176	31 84	10 98	5.1 5.1
Lacking some or all plumbing facilities 0.50 or less	583	-	34	46 37	153	72 56	132 36	55 23	91 4	5.3 4.9
0.51 to 1.00 1.01 to 1.50	46		6			9	8	6	3	
1.51 or more		-	-							
BEDROOMS None and 1	2 799	55	166	777	1 124		79	47	135	3.9 5.0
23	16 648 30 797	- 1	-	228	3 997 165	8 163		196 5 835	1 478	6.0 7.5
4 or more	12 468			-	-	220	1 848	4 044	6 356	1.5
YEAR STRUCTURE BUILT			5	_	76	193	268	196	236	6.3
1969 to March 1970 1960 to 1968	974 9 103	5	22	136 162	764	2 801	2 683	1 369 2 134	1 323 847	5.8 5.5
1950 to 1959 1949 or earlier	15 764			546				6 197	5 710	6.0
COMPLETE BATHROOMS										
1 ond 1 1/2	53 424			679	307	733	1 585	7 948	4 292 3 783	5.7
2 or more None or also used by another household				105	291	187	259	93	109	5.0
VALUE-INCOME RATIO						12 631	15 851	8 564	6 826	5.9
Specified ewaar eccupied				140	1 705	4 974	6 268	3 342 2 075	2 687	5.9 5.9
1.5 to 1.9 2.0 to 2.9	11 40	- ונ		. 70	672	2 367	3 296	1 767	1 384	6.0 5.9
3.0 or more Not computed	7 980	oj s	26	129	813			28	61	5.9
									764	4.7
Renter occupied housing units	42 03	7 1 54	5 1 731	5 09	10 432	12 095	8 864	1 507	/**	4.7
Units with 1 or more bathrooms and complete kitchen focilities for exclusiv		0 47:	3 1 293	4 70	9 921	11 644	8 231	1 460	783	4.7
use, and direct access		~	1							
} person	12 20							150 340	69 143	3.6 4.6
2 persons3 persons	12 34		0 20	5 33	1 948	3 2 417	1 939	227 250	128 135	5.0 5.2
4 persons5 persons	2 67	4] :		5 1.	5 276	1 102	1 002	167 373	102 187	5.4 5.7
6 persons or more	2 84	~	4 0 1.	- 1 1				3.6	3.8	
PLUMBING FACILITIES BY PERSONS PER ROOM								1 480	755	4.8
With all plaushing facilities			9 1 37:		5 672	1 5 543	5 049	709	499	4.6
0.50 or Jess	15 17	0 58	6 24			4 791	431	56	27 10	5.0 4.9
1.01 to 1.50	- 34	4 2	3 1.	5 2	7 39	7 26:	2 160	18 27 8	10 9 5	2.3
Lacking some or all plumbing facilities 0.50 or less	- 1 10	1	32	2 19				14	4	1.2
0.51 to 1.00	- 2	ō	8	-	- 1	8	4 –	-	-	
1.51 or more	-					1				
None	. 1 59					6 40	6 62	-	-	1.0 3.1
12		2	- 146	6 467 - 37	4 7 50	3 7 11	6 1 440	109	625	4.6 5.8
3 or more	- 15 27	'l	-	-	- 21	4/0]			
YEAR STRUCTURE BUILT		а – А	12	1 25	0 27	2 7			27	3.4 3.6
1969 to March 1970 1960 to 1968	2 94	17 15	1 42	4 82	4 96		5 212	68	13	4.2
1950 to 1959 1949 or earlier	- 2 35 - 35 85					8 11 07	8 8 435	1 364	724	4.0
COMPLETE BATHROOMS					5 9 93	4 11 59	7 8 153	1 376	584	4.7
1 opd 1 1/2 2 or more	·- 04	10 2	20 1	4	4 7	8 10	0 111	84	199	
None or also used by another household		10 97	43	8 38	02					
GROSS RENT AS PERCENTAGE OF INCOME	41 59	3 1 54	1 1 71	7 5 0	10 35					4.7 5.0
Specified renter occupied ²	- 434	18 18	35 9	0 3-	17 81 16 2 02	2 90	3 2 24	3 305	135	4.9
10 to 14 percent	7 1	53 16	53 20	9 6	24 187 29 129	8 1 18	8 98	z 156	66	4.5
20 to 24 percent	- 4/	52 19	3	7 8	2 1 26	2 13 19 24	47 1 27	9 20	3 84	4.3
35 percent or more Not computed	9 13		43 50 79 1:	59 2		32 44	65 48	6 23	17	⁷
			25	udes one-family	homes on 10 ocr	es or more				

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

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

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

The SMSA		Owner	occupied					Renter	occupied			
	Total	l unit	2 units or more	Mobile home or trailer	•	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobãe home or troiler
All occupied housing units	. 62 733	50 812	11 274	647	42 037	4 284	8 021	18 343	6 424	2 599		
ROOMS								10 545	0 424	2 399	2 214	152
1 room	162	14 100	14 34	15		62	26	76	314	453	607	,
4 rooms	844	444	306	19 94	5 099	136 383	72 815	244 1 541	438 1 239	330	495	16
rooms	1 17 200	4 158 13 099	1 554 4 161	348 135	10 432 12 095	883	2 431	3 720	2 207	549 755	518 387	54 49
/ rooms	0 004	16 396 8 998	3 799 893	31	8 864	893 886	2 555 1 701	6 539 5 621	1 583 501	339 113	160 42	26
B rooms or more	6 114	7 603	513 5.4	5	1 507 764	494 547	301 120	516 86	131	60	5	-
LUMBING FACILITIES BY PERSONS PER ROOM		0.0	5.4	4.1	4.7	5.3	4.8	5.0	4.1	3.4	2.5	3.5
Vith all plumbing facilities	61 901	50 229	11 057	615	39 610	4 159	7 802					
0.51 10 1.00	31 288 27 002	24 320 22 932	6 590 3 863	378 207	22 321	2 179	4 346	17 827 9 961	5 867 3 396	2 096 1 210	1 714	145 86
1.51 or more	3 267	2 682	555	207	15 170 1 775	1 676 259	3 118 281	6 883	2 096	782	566	49
nching some of du blumbing theighting	344 832	295 583	49 217	32	344	45	57	854 129	310 65	56 48	5	10
0.50 or tess	583 194	391 145	170	22	2 427 1 101	1 25 78	219 159	516 338	557 314	503 139	500	ī
1.01 to 1.50 1.51 or more	46	38	39 8	10	1 260 20	33	60	165	243	344	73 408	7
EDROOMS	9	9	-	-	46	9 5	-	5 8		6 14	19	2
	95	22										
	2 704	33 1645	43 944	19 115	1 599 8 938	156 702	64	86	273	524	472	24
	16 648 30 797	12 208 26 122	4 035	405	16 542	1 221	1 529 3 829	2 168 7 661	2 056 2 277	1 062 944	1 344 529	77 81
br more	12 468	11 470	4 557 977	118 21	13 098 2 173	1 283 829	2 454 360	7 719	1 366	232 92	44	
AR STRUCTURE BUILT								.10	172	72	-	-
69 to March 1970 65 to 1968	974	928	5	41	875							
	3 950 5 153	3 748	33	169	1 623	52 114	56 230	85 215	129 198	308	245	-
40 to 1949	15 764	4 825 15 320	82 312	246 132	1 324 2 359	259	186	295	235	389 95	434 234	43 20 50
39 or earlier	6 473 30 419	6 088 19 903	359 10 483	26 33	2 401 33 455	700 454	482 488	314 654	696 519	76 136	41 139	50 13
COME IN 1969					33 455	2 705	6 579	16 780	4 647	1 595	1 121	28
s than \$2,000 000 to \$2,999	3 180	2 147	997	36	5 748	364	820					
000 10 33.999	2 136 1 893	1 457 1 264	627 612	52	3 726	281	505	2 264 1 481	1 130 852	493 312	662 279	15 16
000 to \$4,999 000 to \$5,999	2 119	1 433	645	17	2 913 2 986	318 231	396 500	1 166	604	263	153	13
	2 194 2 518	1 611	549 672	34	2 874	272	514	1 304 1 190	587 555	220 233	144 99	ιī
000 to \$9,999 0,000 to \$14,999 	11 298	8 840	2 255	43 203	3 345 9 235	325 1 010	635 2 107	1 531	496	220	132	6
5,000 to \$24,999 5,000 or more	20 926 13 091	17 445	3 345	136	8 066 2 778	982	1 850	4 217 3 907	146 768	400 303	320 204	35 52
dian	3 378 \$11 400	3 186 \$12 000	192 \$9.000	\$8 500	2 778 366 \$6 800	419 82 \$8 000	632 62	1 164	254 32	132 23	173 48	4
AR MOVED INTO UNIT			-		44 000	.po 000	\$7 900	\$7 200	\$5 100	\$5 000	\$4 100	\$8 300
69 to March 1970	4 044 3 618	3 371	587	86	11 328	1 093	1 840	4 126	0.1.0			
· · · · · · · · · · · · · · · · · · ·	2 886	3 135 2 489	390 344	93 53	5 221	560	1 046	4 135 2 167	2 142 808	1 046	1 031 192	41 38
65 and 1966 60 to 1964	6 024 11 422	5 157	717	150	3 462 5 228	362 641	716 987	1 524 2 191	484	252	116	8
60 to 1959 99 or earlier	18 168	9 747 15 376	1 494 2 735	181 57	6 078 5 740	489 570	1 188	3 026	879 901	238 239	276 213	16
OSS RENT	16 555	11 423	5 132	-	4 976	549	1 163 T 011	2 756 2 630	793 582	243 84	205 113	10 7
Specified renter occupied)												
D to \$59	•••	•••	•••		41 593 1 490	3 840 45	8 021	18 343	6 424	2 599	2 214	152
	•••		• • •]	1 459	94	150 190	275 360	361 365	225 152	427 290	7
to \$79 to \$99	•••	•••			2 138 3 127	84 140	328 560	801 1 624	487	210	222	6
0 to \$149		• • •	•••		9 516 9 350	452	1 549	5 376	612 1 588	142 401	31 116	18
	•••	• • • •	• • •		7 637	511 720	1 829 1 904	5 194 3 199	1 250	325	222	34 19
0 to \$299 0 or more			•••		4 227 802	514	1 053	1 199	1 137 504	435 539	226 394	16 24
ush rent	• • •	•••			153	285 59	74 9	91 4	60	88	204	-
	•••	•••	•••		1 694 \$105	936 \$125	375 \$111	220 \$102	13 47 \$97	5 77 \$108	63 19	20
ATING EQUIPMENT									4×1	\$100	\$101	\$96
am or hot water	43 176 12 795	35 342 10 974	7 806	28	19 970	2 450	4 411	6 135	3 644	1 703	1 591	
r-m electric units	2 411	2 295	1 293 111	528 5	3 636	832	947	896	505	1 783 223	1 536 128	11
meons	739 3 593	641 1 546	77 1 982	21 65	444	123 144 730	195 89	406 124	303 37	421 14	473 30	6
CONDITIONING	19	14	5	-	95	5	2 363 16	10 743 39	1 900 35	158	47	30
m unif(s)	9 961	8 386	1 484									
trol system	473 52 283	417	31	91 25	4 068 227	398 5	800	1 424	567	482	378	19
OMOBILES AVAILABLE	32 £03	41 895	9 884	504	37 738	3 861	8 7 143	21 16 984	33 5 989	30 2 000	130 1 638	123
	33 250	26 285	6 540									
		18 936	2 367	425	23 120	2 471	4 984	10 678	3 070	1 145	(7)	
more.	21 459 3 398			156	4 529	978	1 202				671	101
more		2 942 2 535	456 2 036	- 39	4 529 520 13 864	978 138 677	1 202 86 1 679	1 638 215 5 898	363 43 3 113	189	138	21

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)

		Two-or-more-person households							One-person households			
The SMSA			Wale head, wif	e present, no	nonrelatives		Other mo	le head	Fernale	heod		
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	62 733	504	7 413	11 562	23 433	6 932	1 275	680	3 163	1 567	2 511	3 693
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	61 901 31 288	49 1 235	7 360 1 615	11 506 1 608	23 268 11 868	6 784 5 705	1 246	664	3 139	1 522	2 404	3 517
0.51 to 1.00 1.01 to 1.50	27 002 3 267 344	246 10	5 231 485 29	8 154 1 556	10 261	1 050 29	783 429 21	493 166 5	1 801 1 227 111	1 285 212 25	2 383 21	3 512
1.SI or more Locking some or all plumbing facilities 0.S0 or less	832 583	13	53 19	188 56 17	114 165 101	148 102	13 29 18	- 16 10	24 13	45 29	- 107 98	176 176
0.51 to 1.00 1.01 to 1.50 1.51 or more		13 - -	30 4 -	23 12 4	47 12 5	34 12 -	11 - -	6 - -	5 6 -	16	9	-
UNITS IN STRUCTURE		356	6 419	10 223	19 690	4 994	978	446	2 437	1 120	1 777	2 372
2 or more Mobile home or trailer		115 33	913 81	1 294 45	3 530 213	1 869 69	275 22	234	709	432 15	624 110	1 279
INCOME IN 1969 Less than \$2,000	3 180 2 136	15	74 37	123	171	344	36	49	225	157	445	1 541
\$3,000 to \$3,999 \$4,000 to \$4,999	1 893 2 119	5 20 38	18 46	51 47 91	144 174 206	612 726 743	29 10 29	33 50 37	155 180 230	115 107 117	190 188 263	765 373 319
\$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999	2 194 2 518 11 298	34 16 136	76 227 2 171	154 218 2 159	367 682 3 674	698 497 1 174	37 85 256	35 43 82	296 210 627	143 92 338	235 274 494	119 174 187
\$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	20 926 13 091 3 378	188 46 6	3 594 995 175	5 126 2 917 676	8 812 7 267 1 936	1 156 706 276	398 321 74	183 129 39	762 411 67	217 200 81	344 44 34	146
Median	\$11 400	\$9 700	\$11 500	\$12 900	\$13 600	\$6 700	\$12 000	\$10 300	\$8 400	\$7 500	\$5 700	14 \$2 400
Specified owner occupied	48 440 19 186	330 99	6 286 1 592	9 920 3 858	18 569 10 212	4 730 1 325	880 459	388 177	2 333 710	1 060 341	1 716 260	2 228 153
1.5 to 1.9 2.0 to 2.4 2.5 to 2.9	11 407 6 382 3 178	95 37 30	2 168 1 299 626	2 867 1 675 666	4 411 1 892 789	731 590 376	146 113 62	43 38 4	373 313 209	192 111 60	231 203 192	150 111 164
3.0 to 3.9 4.0 or more Not computed	2 976 5 004 307	28 30 11	369 223 9	497 347 10	673 569 23	604 1 078 26	31 69	36 75 15	228 449 51	128 212 16	203 545 82	179 1 407
Renter occupied housing units	42 037	3 149	5 946	3 354								64
PLUMBING FACILITIES BY PERSONS PER ROOM				3 334	6 657	3 236	1 323	333	4 655	1 183	6 297	5 904
With all plumbing facilities 0.50 or less 0.51 to 1.00	39 610 22 321 15 170	3 071 1 053 1 939	5 898 1 378 3 950	3 303 579 1 992	6 470 3 150 2 979	3 117 2 310 777	1 294 715 511	318 246 72	4 515 2 108 2 125	1 154 898 239	5 251 5 052 199	5 219 4 832 387
1.01 to 1.50 3.51 or more Lacking same or all plumbing facilities	1 775 344 2 427	69 10 78	526 44	578 154 51	299 42	26 4	45 23	-	232 50	17	-	-
0.50 or less 0.51 to 1.00	1 101 1 260	15 63	48 43	5 33	187 - 40 108	119 89 30	29 9 16	15 15 ~	1 40 56 59	29 19 10	1 046 422 624	685 411 274
1.03 to 1.50 1.51 or more	20 46	-	5	5 8	9 10	-	- 4	-	6 19	-	-	-
UNITS IN STRUCTURE	4 284 26 364	275 2 081	703 4 185	577 2 337	862 4 871	345 2 169	135 864	54 222	372 3 068	59 816	484 2 925	418 2 826
5 to 19 20 or more Mobile home or troiler	9 023 2 214 152	722 52 19	904 129 25	419 21	764 140 20	533 173 16	287 37	51	1 144	251 57	2 210 633 45	1 738 900 22
GROSS RENT				-			-	_	-	-		
Specified ranter occupied? Less than \$50 \$50 to \$59	41 593 1 490 1 459	3 124 11 21	5 880 15 23	3 286 10 51	6 551 36 86	3 202 57 130	1 313 10 32	326 15 24	4 621 32 82	1 179 33 30	6 241 399 263	5 870 872 717
\$60 to \$69 \$70 to \$79 \$80 to \$99	2 138 3 127 9 516	66 130 622	91 213 1 178	101 206 706	173 400 1 572	181 291 855	24 72 327	10 34 65	125 320 1 220	81 112 215	659 685 1 572	627 664 1 184
\$100 to \$119 \$120 to \$149 \$150 to \$199	9 350 7 637	895 898	1 486 1 495	949 672	1 836 1 351	680 468	268 259	86 42	1 169 974	326 183	1 068 835	587 460
\$200 to \$299 \$300 ar more	4 227 802 153	387 42 -	995 195 9	330 83 25	660 136 20	230 37 37	190 51 9	13 - 5	547 62 5	119 16 5	442 100 23	314 80 15
No cash rent	1 694	52	180	153	281	236	71	32	85	59	195	350
BY INCOME Specified renter occupied? Less than \$5,000	41 593 15 261	3 124 575	5 880 416	3 286 248	6 551 511	3 202 1 616	1 313 416	326 119	4 621 2 412	1 179 486	6 241 3 269	5 870 5 193
Less then 20 percent 20 to 24 percent	732 1 293	9 25	18 38	23 18	30 51	65 224	11 15		68 172	21 40	342 373	134 326
25 to 34 percent 35 percent or more Not computed	3 077 8 808 1 351	148 356 37	81 235 44	52 119 36	137 268 25	484 735 108	43 276 71	14 76 7	568 1 464 140	101 287 37	572 1 670 312	877 3 322 534
\$5,000 to \$9,999 Less than 20 percent 20 to 24 percent	15 303 9 252 3 143	1 877 1 048 422	2 925 1 884 609	1 495 992 300	2 380 1 650 424	938 470 185	514 295 105	123 68 20	1 558 835 342	449 274 81	2 452 1 497 514	592 239 141
25 to 34 percent 35 percent or more Not computed	1 974 383	354 37	303 56	132 20	217 16	138 41	78 21	21	247 80	70 13	295 39 107	119 60
\$10,000 to \$14,999 Less than 20 percent	551 7 971 7 316	16 612 595	73 2 040 1 829	51 1 210 1 086	73 2 294 2 109	104 395 374	15 272 252	14 60 60	54 476 460	155 139	402	33 55 41
20 to 24 percent 25 percent or more Not computed	260 93 302	9 4 4	118 22 71	45 28 51	32 20 133	5 5 11	- 4 16		16	5 6 5	20 11	10 4
\$15,000 or more Less than 20 percent 20 to 24 percent	3 058 2 879	60 60	499 492	333 296	1 366 1 300	253 215	111 102	24 13	175	89 83	118 113	30 30
25 percent or more Not computed	20 13 146		- 7	8 4 25	6 60	6 5 27	- 4 5	-	-		- - 5	-
Limited to one-family homes on less than 1	l											لسحم

'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 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

	(Data based on :	somple, see text.	For minimum bo	ise for derived fi	gures (percent, m	nedian, etc.) and m	eaning of symbo	ols, see text]		
The SMSA	Totol) person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Medion
Owner occupied housing units	62 733	6 204	17 710	10 782	11 216	8 110	4 673	2 470	1 568	3.1
BEDROOMS None and 1 2 3 4 or more	2 799 16 648 30 797 12 468	1 077 2 696 2 071 679	1 487 7 982 6 300 1 635	155 3 699 5 002 1 493	38 1 666 7 737 1 856	42 483 5 445 2 208	43 2 892 1 910	20 972 1 526	59 378 1 161	1.7 2.2 3.8 4.8
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1964 1950 to 1964 1950 to 1969 1940 to 1949	974 3 950 5 153 15 764 6 473	10 114 260 1 025 598	201 660 1 195 3 996 2 057	199 601 696 2 786 1 319	223 985 1 271 3 473	234 934 880 2 198	67 434 545 1 251	35 171 208 668	5 51 98 367	3.8 4.1 3.8 3.5 2.9
1939 or earlier	30 419	4 197	9 601	5 181	1 039 4 225	680 3 184	366 2 010	258 1 130	156 891	2.9 2.8
12 or more 2 or more Mobile home or trailer	50 812 11 274 647	4 149 1 903 152	13 493 3 901 316	8 672 2 022 88	9 754 1 419 43	7 119 974 17	4 036 612 25	2 171 293 6	1 418 150 -	3.4 2.5 2.0
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more None or also used by another household	53 426 6 951 1 220 1 120	5 263 452 74 290	15 830 1 337 255 336	9 300 1 123 221 238	9 603 1 341 189 76	6 718 1 111 168 80	3 709 766 193 37	1 886 485 68 21	1 117 336 52 42	3.1 3.9 3.8 2.3
HOUSEHOLD COMPOSITION Twe-or-more-person households Mole head, wife present, no nonrelatives Under 25 years 35 to 44 years 45 to 64 years 45 to 64 years 55 years and over Under 65 years 65 years and over 56 years and over 65 yea	56 529 49 844 504 11 562 23 433 6 932 1 955 1 275 680 4 730 3 163 1 567 6 204	···· ···· ···· ··· ··· ··· ··· ··· ···	17 710 14 331 162 673 5 336 7 889 5 071 1 015 651 364 2 364 1 248 1 116 	10 762 9 232 182 1 268 982 5 446 1 354 439 240 199 1 111 827 284	11 216 10 329 126 2 394 4 622 344 4 622 344 162 82 643 553 90	8 110 7 667 19 1 772 3 135 2 654 87 127 107 20 316 273 316 273 43	4 673 4 447 5 839 2 064 1 478 61 59 53 6 167 162 5 5 	2 470 2 329 5 312 1 153 849 10 47 42 5 94 75 19 	1 568 1 509 5 155 849 495 5 24 20 4 35 25 10 	3.5 3.6 3.0 4.2 5.0 3.2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2
VALUE-INCOME RATIO Specified owner occupied' Less thon 1.5 1.5 to 1.9 2.0 to 2.4 2.5 to 2.9 3.0 to 3.9 4.0 or more Not computed	48 440 19 186 11 407 6 382 3 178 2 976 5 004 307	3 944 413 381 314 356 382 1 952 146	12 777 4 557 2 866 1 612 882 1 104 1 696 60	8 161 3 912 1 840 1 122 479 381 388 39	9 371 4 058 2 414 1 365 633 506 356 356	6 848 2 612 2 083 1 092 462 286 295 18	3 894 1 858 955 515 222 162 182 ~	2 064 1 026 526 230 89 106 82 5	1 381 750 342 132 55 49 53 -	3.4 3.7 3.8 3.6 3.2 2.5 1.8 1.6
Renter occupied housing units BEDROOMS	42 037	12 201	12 341	7 026	4 947	2 674	1 514	852	482	2.2
None 1 2 3 or more	1 599 8 938 16 542 15 271	1 475 5 056 3 781 1 559	86 3 449 6 399 2 857	18 373 3 828 3 214	39 1 725 3 242	- - 535 1 917	20 171 1 336	21 65 673	- - 38 473	1.0 1.4 2.2 3.5
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1964 1965 to 1964 1950 to 1954 1950 to 1959 1940 to 1949 1939 or earlier	875 1 623 1 324 2 359 2 401 33 455	372 659 553 659 540 9 418	245 559 422 607 824 9 684	153 236 131 377 473 5 656	67 87 117 325 267 4 084	38 44 56 176 148 2 212	26 31 80 112 1 265	- 6 9 84 18 735	- 5 51 19 401	1.8 1.8 1.8 2.4 2.3 2.3
UNITS IN STRUCTURE 1	4 284 8 021 18 343 6 424 2 599 2 214 152	902 1 735 4 016 2 590 1 358 1 533 67	1 132 2 540 5 612 1 841 664 511 41	697 1 678 3 466 773 255 123 34	563 1 167 2 565 480 139 28 5	437 489 1 345 282 102 19 -	335 202 736 231 5 - 5	137 115 391 160 49 -	81 95 212 67 27 -	2.7 2.4 1.8 1.5 1.2 1.7
COMPLETE BATHROOMS 1 and 1 1/2 2 or more None or clso used by another household	38 253 640 3 140	10 215 108 2 023	11 542 170 525	6 553 89 285	4 700 100 153	2 577 61 68	1 444 24 35	846 11 25	376 77 26	2.3 3.0 1.3
HOUSEHOLD COMPOSITION Twe-or-merg-person households Made head, write present, no nonrelatives Under 25 years	29 836 22 342 3 149 5 946 3 354 6 657 1 656 1 323 333 5 838 4 655 1 183 12 291	···· ··· ··· 12 201	12 341 8 410 1 338 1 363 447 2 726 2 536 975 732 243 2 956 2 018 938 	7 026 5 289 1 160 1 501 1 660 520 346 292 54 1 391 1 217 174 	4 947 3 965 523 1 487 712 1 128 115 186 157 29 796 755 755 755 41 	2 674 2 263 62 913 655 611 22 72 65 7 7 339 329 10	1 514 1 297 27 460 522 270 18 37 	852 719 35 153 329 182 20 20 20 20 113 99 14	482 399 4 69 241 80 5 20 20 - 63 63 63	2.9 3.0 2.7 3.6 4.6 2.9 2.1 2.3 2.4 2.2 2.5 2.8 2.1 1.0
GROSS RENT AS PERCENTAGE OF INCOME Specified rester occupied ³ Less than 10 percent 10 to 14 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed 'Limited to one-family homes on less than 1	41 593 4 348 8 678 7 153 4 716 5 152 9 196 2 350	12 111 466 972 1 329 1 384 1 384 1 384 5 091 1 002	12 210 1 332 2 982 2 212 1 358 1 612 2 123 591	6 956 1 015 1 748 1 428 806 744 923 292	4 901 723 1 415 1 077 507 436 512 231	2 640 400 825 522 275 206 270 142	1 460 212 403 347 188 112 146 52	844 125 190 173 118 115 100 23	471 75 143 65 80 60 31 17	2.2 2.9 2.7 2.5 2.2 1.9 1.4 1.8

"Limited to one-family homes on less than 10 ocres and no business on property

a property "Excludes one-family homes on 10 ocres or more.

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

				num base for a	derived figures (percent, medion, etc.) and meaning of	symbols, see	text]		
The SMSA	Total	Less than 2 months	2 up to 6 months	6 months or more	The SMSA	Total	Less thon 2 months	2 up to 6 months	6 months or more
Yecant for sole	314	59	151	104	Vocant for rent	1 750	866	514	370
ROOMS					ROOMS				
1 to 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms or more PLUMBING FACILITIES	17 67 99 84 47	- 17 14 28 -	7 32 39 40 33	10 18 46 16 14	1 room2 rooms3 rooms 3 rooms 5 rooms 5 rooms 7 rooms or more 7 rooms or more	108 83 274 505 481 241 58	75 38 140 272 238 85 18	22 39 83 127 122 98 23	11 6 51 106 121 58 17
With all plumbing facilities Locking some or all plumbing facilities	281 33	59 	130 21	92 12	PLUMBING FACILITIES				
BEDROOMS					With all plumbing focilities Locking some or oll plumbing facilities	1 572 178	784 82	472 42	316 54
None and 1 2 3 4 or more	- 15 132 14	- 1 - 18 -	15 75 14	39	BEDROOMS	116	92	24 126	sī
YEAR STRUCTURE BUILT	41	18	10 17	13	12 23 or more	401 783 395	224 446 195	155	182 100
1960 to 1968 1950 to 1959 1949 or eorlier	30 91 152	4 22 15	46 78	23 59	YEAR STRUCTURE BUILT	103	67	23	13
UNITS IN STRUCTURE	257 57	42 17	133 18	82 22	1960 to 1968 1950 to 1959 1949 or earlier	75 105 1 467	50 60 689	14 28 449	17 329
					UNITS IN STRUCTURE				
Steam or hat water Warm-air furnace Built-in electric units Floor, wall, or pipeless furnace Other means None	190 81 18 8 13 4	42 7 2 8 -	89 42 12 - 8 -	59 32 4 - 5 4	12 to 45 to 910 to 1920 or more	114 928 422 218 68	36 392 220 153 65	28 309 131 43 3	50 227 71 22 -
SALES PRICE ASKED					RENT ASKED				
Specified vecent for sole1 Less than \$5,000 \$5,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$19,999 \$20,000 to \$24,999 \$25,000 to \$44,999 \$25,000 to \$49,999	45 58	20	133 12 13 51 16 26 5	73 9 10 4 10 23 12 5	\$60 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199	1 744 333 197 474 306 161 162 86 25	863 134 78 206 166 92 108 64 15	514 112 62 192 67 35 28 11 11 7	367 67 57 76 73 34 26 11 3
\$50,000 or more Median price asked	10		10 \$19 100		\$200 or more Medion rent asked	\$74	\$82	\$69	\$70

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

Г		n somple, see	Soles price a						Ren	osked-	vocant fo	r rent²		
The SMSA	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	Totol	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 10 \$199	\$200 or more
Tetai	248	31	19	71	45	58	24	1 744	530	474	304	323	86	25
PLUMBING FACILITIES With all plumbing facilities Locking some or all plumbing facilities	161	-	14 -	45 ~	26	76	-	1 537 158	257 97	401	352 37	413 24	114	2
BEDROOMS None and 1 2 3 4 or more	15 132 14		- - 14	- 15 30 -	- 26 -	- 76 -		517 783 342 53	145 186 23	106 184 87 24	76 218 95 -	178 105 125 29	12 90 12 -	-
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959	35 26 86 101	4 10 17	- 5 14	- 8 19 44	12 4 20 9	19 4 28 7	10 4 10	103 75 102 1 464	9 17 26 478	21 11 20 422	3 21 40 242	23 14 16 270	44 - 42	12 10
UNITS IN STRUCTURE 1	 	···· ····	••••	···· ····	 			108 928 640 68	7 294 208 21	18 301 142 13	37 146 107 16	39 160 117 7	27 54 5	1
							···	391 1 353	94 436	81 393	67 239	110 213	33 53	ĩ

³Limited to one-fomily homes on less than 10 ocres and no business on property. ³Excludes one-fomily homes on 10 ocres or more.

METROPOLITAN HOUSING CHARACTERISTICS

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]

					dentred ingoi	es (percent, i	nedian, etc.) ai	no meuning of	symbols, see	(EVI)		
Worcester	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 10 \$49,999	\$50,000 or more	Hedian (dellors)
Specified owner occupied ¹	17 834	218	373	613	1 639	2 626	5 906	3 421	1 940	706	392	11 000
ROOMS 1 and 2 rooms 3 rooms	29 134 1 306 4 333 6 043 3 221 2 688 6.0	5 13 49 65 55 16 15 5,1	- 17 26 96 114 104 16 5.9	15 27 74 145 206 95 51 5.7	5 20 281 430 572 198 133 5.6	- 8 366 897 858 304 193 5.5	4 19 455 1 783 2 230 984 431 5.8	4 102 755 1 373 716 471 6.1	16 33 153 524 554 660 6.9	- 5 76 192 433 7.5+	- - 4 35 58 285 7.5+	11 300 14 300 13 500 17 900 19 600 25 500
PERSONS 1 person 2 persons 3 persons 5 persons 6 persons or more Median Units with roomers, boarders, or lodgers	1 811 5 049 3 053 3 121 2 277 2 523 3.2 192	88 54 25 29 8 14 1.9	80 152 35 51 23 32 2.2 10	142 218 78 33 56 86 2.3 5	259 669 231 178 111 191 2.3 12	296 840 409 392 277 412 2.9 10	502 1 501 1 108 1 169 762 864 3.4 56	220 814 662 686 508 531 3.5 46	141 527 331 399 312 230 3.4 23	40 124 88 161 170 123 4.1	43 150 86 23 50 40 2.5 14	15 300 17 000 13 700 18 800 19 300 19 300 18 000 20 300
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.51 or more Lecting some or all plumbing facilities 0.53 to 1.00 1.01 to 1.50 0.51 to 1.00 1.01 to 1.50	17 715 9 390 7 284 927 114 119 90 29 - -	192 126 52 14 - 26 21 5 - -	367 233 124 6 4 6 6 - -	583 383 152 38 10 30 19 11 	1 627 1 056 456 100 15 12 12 - -	2 598 1 376 994 203 25 28 28 28	5 897 2 754 2 754 386 13 9 - 9 -	3 417 1 570 1 678 137 32 4 - 4 -	1 940 1 156 740 29 15 - - - - -	702 409 283 10 - 4 4 -	392 327 61 - - - - -	18 000 17 900 18 400 16 400 15 600 9 800
8EDROOMS None and 1 2 3 4 or more	586 4 411 9 284 4 025	65 41 133 44	- 70 257 68	41 157 122 110	56 636 651 329	108 964 1 208 458	168 1 641 3 338 1 080	103 682 1 878 632	45 141 1 309 618	63 251 353	16 137 333	15 500 16 000 18 500 19 700
YEAR STRUCTURE BUILT 1965 to 1966 1965 to 1966 1960 to 1964 1950 to 1959 1940 to 1959 1940 to 1949 1939 or earlier	74 682 1 333 4 045 2 515 9 185	- 4 21 9 184	- 5 4 42 29 293	5 6 34 43 525	- 7 28 164 204 1 236	5 22 137 464 415 1 583	15 134 457 1554 867 2879	29 281 341 927 523 1 320	130 248 486 319 757	13 50 80 241 73 249	12 48 28 112 33 159	23 000 20 400 19 200 18 300 16 300
COMPLETE BATHROOMS 1 ond 1 1/2 2 ond 2 1/2 3 or more None or also used by another household	15 183 1 922 466 183	164 5 31	347 15 - 5	615 13 8 43	1 537 78 - 29	2 426 99 5 45	5 486 311 35 12	3 109 357 16 5	1 256 547 89	201 350 156 13	42 147 157	17 300 26 500 42 700 11 100
HOUSEHOLD COMPOSITION Two-er-mere-person households. Male head, wife present, no nonrelatives	16 023 13 797 500 1 519 3 001 1 6 938 2 279 605 404 201 1 621 1 021 1 621 1 021 1 621 1 021 1 021 1 021	130 94 - 14 51 29 6 6 - 30 19 11 88 477 41	293 199 - 5 17 83 94 36 21 15 55 40 18 80 22 58	471 319 - 9 50 131 119 59 32 27 33 38 55 55 142 55 55	1 380 1 150 111 52 166 584 337 55 10 45 175 119 56 219 68 191	2 330 1 959 11 233 349 994 372 73 55 18 298 160 138 296 142 154	5 404 4 738 24 655 1 043 2 348 648 159 100 59 507 359 148 502 214 288	3 201 2 824 9 343 747 1 410 315 114 90 24 263 153 110 220 111 109	1 799 1 605 - 164 338 856 227 65 52 13 129 94 35 141 58 83	666 604 5 39 195 300 65 33 33 - 29 20 9 40 34 6	349 305 - 92 161 73 5 - 39 19 20 43 10 33	18 200 18 400 19 400 18 600 16 400 17 700 19 100 14 400 16 600 15 300 15 300 16 000 16 400 15 300 16 400 16 400
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$2,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$5,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$25,000 or \$24,999 \$25,000 or \$24,999	551 418 532 663 684 2 922 5 555 3 998 1 579	43 28 5 19 14 19 33 42 9 6 56 000	50 41 23 31 40 9 60 73 35 11 11 56 200	67 53 21 64 60 30 110 130 72 6 57 300	140 100 68 117 86 75 369 415 239 30 30 \$8 900	177 65 82 64 109 161 539 897 493 39 \$10 600	251 139 127 119 216 181 1 037 2 299 1 324 213 \$11 900	111 82 51 73 88 137 529 1 093 996 261 \$12 900	50 32 41 30 26 64 185 479 579 454 \$16 100	12 11 15 15 11 4 39 104 180 330 \$23 700	31 - - 13 4 21 23 71 229 \$31 800	14 800 14 600 15 400 15 600 16 100 16 100 17 800 17 800 19 400 29 900
YEAR MOVED INTO UNIT 1969 to March 1970	844 846 705	8 13 - 28 5 49 97	8 8 11 6 25 104 205	22 27 34 86 194 316	25 19 25 121 194 477 783	53 77 101 224 497 916 707	246 282 261 526 1 240 2 037 1 252	318 237 147 327 754 1 206 498	72 147 71 243 400 614 345	64 37 62 79 119 254 105	28 26 	20 900 20 500 18 200 18 700 18 700 18 209 19 209 15 300
HEATING EQUIPMENT Steam or hat water Warm-air furnace Built-in electric units Flaor, wall, or pipeless furnace Other means None	13 650 3 136 427 138 478 5	102 50 4 53 5	247 69 5 9 43 -	353 147 5 15 93 -	1 053 437 29 16 104	1 932 585 47 25 37 -	4 597 1 098 107 36 68 -	498 2 847 403 113 11 47 -	1 660 179 73 11 17 -	575 85 19 11 16	284 83 25 - -	18 500 16 200 20 700 15 000 11 200
AJR CONDITIONING Room unit(s) Central system None Limited to one-family homes on less than	3 673 192 13 889	32 168	35 332	100 6 573	168 8 1 468	354 6 2 215	1 103 32 4 709	775 13 2 699	607 8 1 277	369 32 319	130 87 129	20 300 45 800 17 300

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

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

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

	(Data basea o	n sample, see	text. For mi	nanom bose	tor desived :	iger ca (parae							
Worcester	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 10 \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cosh rent	Median (dollars)
Specified renter occupied	30 445	1 201	1 086	1 470	2 266	7 328	7 154	5 650	2 853	525	95	817	104
ROOMS]					
1 room	1 370 1 244 3 261 6 710 9 494 7 093 921 352 4.8	516 256 221 123 79 6 - -	242 127 252 260 140 48 6 11 3.2	278 178 173 379 294 145 18 5 3.8	36 96 270 794 778 276 16 - 4.4	127 218 632 1 811 2 838 1 526 142 32 4.8	68 140 624 1 274 2 580 2 244 189 35 5.1	50 125 456 1 131 1 671 1 701 255 61 5.0	6 44 274 649 855 808 152 65 5.0	10 92 131 110 91 41 50 4.8	25 	20 50 57 145 238 92 88 5.5	57 74 102 99 104 113 125 144
PERSONS													
1 person 2 persons 3 persons 4 persons 5 persons 6 persons or more Median Units with roomers, boarders, or lodgers	9 254 8 925 4 933 3 407 1 888 2 038 2.2 548	1 054 97 11 30 9 - 1.1 10	777 181 40 33 38 17 1.2 8	900 340 106 71 20 33 1.3 15	1 040 677 258 138 97 56 1.6	2 218 2 319 1 211 791 418 2.1 62	1 265 2 240 1 372 1 049 532 696 2.6 102	982 1 698 1 195 785 490 500 2.6 175	542 937 532 361 240 241 2.4 110	163 135 81 52 42 52 2.2 13	34 47 9 - 5 	279 254 118 97 49 20 2.0 2.0	85 106 111 111 114 114 114
PLUMBING FACILITIES BY PERSONS PER ROOM													
PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 0.50 or less 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 1.51 or more	16 647 10 472 1 266 265 1 795 743 1 013	776 497 274 5 - 425 100 325 - -	851 604 231 16 - 235 62 169 - 4	1 042 774 235 15 18 428 172 245 - 11	2 098 1 521 526 47 4 168 131 37 	7 104 4 385 2 326 307 86 224 149 66	6 988 3 604 2 861 416 107 166 64 97 - 5	5 557 2 738 2 476 314 29 93 46 41 6 -	2 848 1 593 1 142 97 16 5 5 - -	525 339 157 29 - - - - -	77 55 17 5 - 18 - 18 - -	784 537 227 15 5 33 14 15 - 4	106 102 111 111 104 65 72 60
BEDROOMS None	1 353 6 072 11 700	438 503 224 81	268 318 212 106	205 479 482 294	45 399 1 503 551	176 1 286 2 819 2 964	66 1 352 2 849 2 989	91 1 122 2 023 2 412	20 359 1 141 1 311	- 166 220 244	24 43 29	20 88 184 445	59 100 104 110
3 or more YEAR STRUCTURE BUILT	11 426	01		1/7	551								
1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1964 1950 to 1959 1940 to 1959	935 849 1 414 1 693	71 217 75 129 45 664	43 76 110 111 71 675	5 5 11 71 92 1 286	23 16 189 88 1 950	15 57 70 362 271 6 553	5 56 90 119 318 6 566	85 155 138 190 353 4 729	107 273 189 143 325 1 816	47 73 67 21 68 249	- 50 - 45	30 33 79 62 613	138 126 128 87 116 103
ELEVATOR IN STRUCTURE										100			
4 floors or more With elevator Walk-up I to 3 floors	1 555	541 405 136 705	307 264 43 597	325 116 209 1 135	127 21 106 2 371	509 195 314 6 736	529 230 299 6 727	464 175 289 5 184	311 152 159 2 520	188 188 	43 43 - 53	737	95 87 99 105
COMPLETE BATHROOMS						7 058	6 861	5 505	2 813	470	15	690	106
1 and 1 1/2 2 or more None or also used by another household	350	717 7 443	864 14 239	906 17 513	2 027 201	7 038 14 331	24 235	26 138	63	29 -	55 24	101 44	168 67
INCOME IN 1969							543	474	334	67	5	152	85
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$5,000 to \$4,999 \$5,000 to \$4,999 \$7,000 to \$4,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$14,999 \$25,000 or more	2 926 2 196 2 288 2 105 2 368 6 423 5 420 1 975 252	606 253 111 74 62 24 50 16 5 \$2 000	446 243 84 39 41 42 88 61 27 15 \$2 400	345 209 196 190 96 84 202 99 44 5 \$3 900	463 361 226 202 172 173 372 249 42 6 \$4 400	1 057 736 559 630 574 662 1 487 1 265 324 34 \$6 200	543 573 461 565 538 540 1 869 1 556 466 43 \$7 600	324 360 342 415 535 1 382 1 320 464 34 \$7 800	132 106 161 144 206 712 610 398 50 \$8 400	20 23 28 21 32 97 83 122 32 32 \$9 200	6 7 9 - 22 5 11 30	69 63 48 42 70 142 156 72 3 \$6 500	89 95 99 103 106 110 112 123 139
YEAR MOVED INTO UNIT									1.001		9	120	115
1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1969 1959 or earlier	3 637 2 431 3 829 4 637 4 980	364 188 67 187 114 197 50	304 93 96 146 171 158 149	328 76 139 153 241 298 201	259 193 142 284 419 598 333	1 315 763 555 1 039 1 357 1 306 1 068	1 624 969 572 815 1 074 1 311 755	1 974 795 504 680 807 618 291	1 231 405 232 340 297 272 99	241 77 19 52 30 47 33	9 15 22 8 40 - -	63 83 125 87 175 182	110 106 101 100 97 94
GROSS RENT AS PERCENTAGE OF													
Less than 10 percent 10 to 14 percent 20 to 24 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	6 202 5 030 3 441 3 978 7 210	142 126 123 140 248 365 57	200 80 74 114 212 352 54	264 211 234 142 207 380 32	342 451 282 242 251 639 59	1 084 1 779 1 137 702 783 1 636 207	726 1 892 1 457 723 852 1 455 49	317 1 130 1 146 848 875 1 287 47	105 438 485 470 472 827 56	5 84 79 54 73 220 10	6 11 13 6 5 49 5	817	92 105 109 111 107 103 85
Air CONDITIONING Room unit(s) Central system	2 742 200	21 6 1 140	33 1 084	95 1 341	136 7 2 085	505 6 898	551 15 6 554	554 42 5 073	589 18 2 269	150 73 276	22 34 38	86 5 744	120 213 103

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

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

	[Data based o	n sample, see	text. For min	mum base fo	r derived figur	es (percent, n	nedion, etc.) a	nd meaning o	f symbols, see	text)		
Worcester		Less then	\$2,000 to	\$3,000 to	\$4,000 to	\$5,000 to	\$6,000 to	\$7,000 to	\$10,000 to	\$15,000		Median
	latoT	\$2,000	\$2,999	\$3,999	\$4,999	\$5,999	\$6,999	\$9,999		\$24,999	or more	(dollars)
Owner occupied housing units	26 105	1 695	981	857	1 047	1 106	1 191	4 527	7 905	5 038	1 750	31 000
ROOMS 1 and 2 rooms	64	18	10	5	4	_	_	5	17		_	
3 rooms	340 2 417	75 267	38 114	10 134	49 195	20 137	23 196	46 480	58 718	16 158	5	5 000 8 000
5 rooms 6 rooms 7 rooms or more	7 441 9 042 6 801	502 578	344 320	305 297	296 346	346 450	385 365	1 464	2 312 2 919	1 323 1 682	164 461	10 200
PERSONS	0 001	255	155	106	157	153	222	908	1881	1 854	1 110	1,3 ₃ 800)
2 persons	3 136 8 028	1 038 455	514 344	267 426	302 532	165 641	239 547	308 1 486	217 2 223	66 965	20 409	3 100 9 200
3 and 4 persons	8 645 2 961	129 23	57 33	145 4	143 37	190 59	215 108	1 641 589	3 140 1 099	2 251 721	724	12 900 12 900
6 persons or more Units with roomers, boorders, or lodgers	3 335 315	50 62	23 24	15 16	33 15	51 20	82	503 33	1 226 73	1 035	317 29	13 700 8 900
BEDROOMS Less than 3	8 601	832	470									
3	12 940	600 168	470 493 43	382 469 44	581 410 127	568 597 41	563 523 122	1 805 1 838	2 473 4 085	846 3 063	81 862	8,509 11,900
YEAR STRUCTURE BUILT	_		~~		127	41	122	626	1 415	1 287	758	14 000
1969 to March 1970 1960 to 1968 1950 to 1959	86 2 185	46	6 57	42	29	48	112	28 381	30 760	10 493	12 217	12 500
1949 or earlier	4 293 19 541	182 1 467	69 849	62 753	118 900	120 938	146 933	665 3 453	1 451 5 664	1 112 3 423	368 1 161	12 700 10 400
YEAR MOVED INTO UNIT 1969 to March 1970	1 313	41	27	31	42	30	77	304	497	197	67	11 100
1968 1960 to 1967	1 150 7 625	27 331	42 147	8 122	13 153	20 207	25 299	286 1 483	484 2 737	1.56 1.591	89 555	11 600
1959 or earlier	16 010	1 309	754	693	823	837	781	2 539	4 143	3 066	1 065	10, 300
Automatic clothes washing machine Clothes dryer	22 078 12 968	900 253	659 269	542 211	784 278	866 373	842 366	3 594 1 785	7 290 4 614	4 962 3 419	1 639 1 400	12 000 13 200
Dishwasher Home food freezer	6 433 3 979	128 111	42 61	44 68	134 41	123 113	167 161	659 516	1 838 1 367	2 024 832	1 274	15 400 11 400
Owned second home With air conditioning Room unit(s)	1 869 5 081 4 872	44	22 77 77	42 80	64 143	102 165	83 140	183 891	489 1 418	538 1 238	302 818	14 000 13 300
Central system Automobiles available:	209	-	-	80 -	136 7	158 7	134	865 26	1 387 31	1 190 48	734 84	13 200 20 700
12	14 848 7 162	738 88	447 59	546 34	596 59	797 82	833 187	3 523 676	5 092 2 365	1 911 2 527	365	10,000
3 or more	1 069	-	-	7	8	5	6	77	192	468	306	20 100
Renter occupied housing units	30 512	4 502	2 931	2 206	2 288	2 110	2 372	6 443	5 427	1 981	252	6 500
ROOMS	1 370	485	289	159	121	77	65	126	26	17	5	2 700
2 rooms 3 rooms	1 244 3 261	396 709	187 439	167 268	134 276	68 315	120 219	116 577	31 319	20 121	5	3 200 4 800
4 rooms	6 732 9 521	1 193 1 058	739 840	601 576	514 740	501 607	510 751	1 440 2 285	871 1 987	336 606	27 71	5 600 7 200
6 rooms or more	8 384	661	437	435	503	542	707	1 899	2 193	881	126	8 400
1 person2 persons	9 269 8 929	3 160 706	1 542 852	957 709	895 767	744 620	648 704	933 2 083	275 1 775	82 648	33 65	3 000 7 200
3 and 4 persons	8 380 1 896	447 83	468 45	401 81	389 133	501 79	664 125	2 303 510	2 268 607	858 208	81 25	8 700 9 400
6 persons or more Units with roomers, boarders, or lodgers	2 038 548	106 183	24 76	58 62	104 64	166 43	231	614 43	502 21	185	48	8 600 3 200
BEDROOMS None	1 353	462		103								
2	6 072 11 720	1 311	204 668 1 237	107 621 1 010	88 535 630	93 561 771	86 432 863	183 1 136 2 694	130 679 2 221	108	21	3 100
3 or more	11 445	1 028	597	639	667	853	994	2 431	2 802	790 1 237	152 197	7 000 8 200
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968	408 1 784	123 468	21	22	32	27	53	57	33	40	-	5 200
1950 to 1959 1949 or earlier	1 433 26 887	468 227 3 684	186 252 2 472	94 158 1 932	59 155 2 042	115 101 1 867	81 101	351 230	258 131	143 71	29 7	5 700
YEAR MOVED INTO UNIT					2 042	1 867	2 137	5 805	5 005	1 727	216	6 700
1969 to March 1970 1968 1960 to 1967	7 782 3 643 10 938	1 282	954 305	621 270	645 296	482 293	768 255	1 593 1 020	1 119 529	297 201	21 18	5 800
1959 or earlier	8 154	1 575 1 316	943 790	744 557	872 585	728 529	791 559	2 389 1 458	2 057 1 585	754 673	85 102	6 800 6 500
GROSS RENT AS PERCENTAGE OF INCOME Specified renter accupied	30 445	4 492	2 926	2 196	2 288	2 105	2 368	6 423	5 420	1 975	252	6 500
Less than 15 percent	9 393 5 030 3 441	6	5 38	32 142	80 251	144 484	307 825	2 472 2 384	4 301 811	1 816 76	236	11 900
25 to 34 percent	3 978	15 203 3 540	196 565 2 053	253 757 949	536 980	641 643	636 472	1 026 338	132 15	6 5	-	6 100 4 500
Not computed	1 393	728	69	63	393 48	151 42	58 70	61 142	5 156	72	3	2 000 2000 -
SELECTED CHARACTERISTICS Automatic clothes washing machine	16 865	1 426	1 036	1 187	1 053	1 170	1 229	3 933	3 991	1 627	213	8 000
Dishwasher	6 080 1 138 1 245	258 79 85	172 20 130	235 66 65	335 35 58	423 45	343 38	1 506 226	1 909 305	817 262	82 62	9 500
Owned second home	805 2 949	45 183	23 112	176	23 153	86 63 213	67 120 213	229 179 762	337 98 695	169 188 370	19 66 72	8 700 9 200 8 700
Room unit(s) Central system Automobiles available:	2 749 200	137 46	106 6	165 11	138 15	213	206 7	706	695	370 330 40	53 19	8 700 8 700 7 800
Automobiles Cvolidble:	15 973 2 446	867 77	762	844 22	1 077	1 075	1 503	4 717	3 858	1 152	118	8 200
3 or more	311	20	43 30	12	60 13	78 25	76 15	514 37	979 41	535 92	62 26	11 800 10 400

Excludes one-family homes on 10 ocres 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]
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	Γ	sample, see text.		plumbing facili					or all plumbing	facilities	
Worcester	+		0.50	0.51	1.01	1.51		0.50	0.51	1.01	1.51
Morcealer	Total	Total	or	to 1.00	to 1.50	or	Total	or less	10 1.00	to 1.50	or more
Owner occupied housing units	26 105	25 891	14 302	10 081	1 346	162	214	164	50	-	-
PERSONS	0.10/	3 043	3 043				93	88	5		_
1 person2 persons	3 136 8 028	7 949	7 778	168	-	3	79	63	16	-	-
3 persons	4 480 4 165	4 458 4 160	2 726 535	1 722 3 620	5 5	5	22 5	13	9 5	-	-
4 persons 5 persons	2 961	2 952	220	2 677	55	-	9	-	9	-	-
6 persons or more	3 335 2.9	3 329 2.9	2.0	1 894 4.4	1 281 7.0	154 7.5 +	6 1.7	1.4	6 	-	=
Median	315	315	132	140	39	4	-	-	-	-	_
-	5,5	010			-						
YEAR STRUCTURE BUILT 1969 to March 1970	91	91	53	38	-	-	-	-	-		-
1965 to 1968	751	746 1 438	274 585	438 779	34 66	- 8	5 8	8	5	-	-
1960 to 1964 1950 to 1959	1 446	4 266	2 000	1 968	258	40	19	13	6	-	-
1940 to 1949 1939 or earlier	2 707 16 818	2 686 16 639	1 549 9 832	964 5 846	160 858	13 103	21 179	9 140	12 39	-	-
INCOME IN 1969 Less than \$2,000	1 695	1 646	1 510	115	21	-	49	40	9	-	-
\$2,000 to \$2,999	981	960 838	847 755	102 74	6	5	21 19	21 14	5	-	
\$3,000 to \$3,999 \$4,000 to \$4,999	857 1 047	1 034	843	167	24	-	13	13	-	-	-
\$5,000 to \$5,999 \$6,000 to \$6,999	1 106 1 191	1 086	875 841	188 307	23 29	5	20 9	5 9	15	-	-
\$7,000 to \$9,999	4 527	4 492	2 317	1 909	237	29	35	26 27	9 6	-	-
\$10,000 to \$14,999 \$15,000 to \$24,999	7 905 5 038	7 872 5 033	3 442 1 926	3 824 2 676	545 398	61 33	33 5	5	-	-	-
\$25,000 or more	1 758	1 748	946	719	59	24 \$13 000	10 \$5 300	4 \$4 500	6	-	-
Median	\$11 000	\$11 100	\$8 900	\$12 800	\$13 000	φ13 000	400 64	44 JUU	•••		
VALUE-INCOME RATIO Specified owner accupied	17 834	17 715	9 390	7 284	927	114	119	90	29	-	-
Less than 1.5	7 894	7 847	3 438	3 729	607	73	47	36	11 5	-	-
1.5 to 1.9 2.0 to 2.4	3 897 1 977	3 888 1 972	1 804 1 111	1 873 805	181 56	30	9 5	45	5	-	-
2.5 to 2.9	950	946	582	339	19	6	4	10	4	-	-
3.0 to 3.94.0 or more	1 027	1 012	670 1 630	309 213	33 26	5	15 39	35	4	-	-
Not computed	176	176	155	16	5	-	-	-	-	-	-
HEATING EQUIPMENT	1										
Steom or hot water		19 393	10 686	7 558	1 034 226	115	95 24	76 19	19 5	-	-
Worm-oir furnace Built-in electric units	3 856 497	3 832 493	1 964 234	259	-	-	4	-	4	-	-
Floor, wall, or pipeless furnace	177	177	89 1 324	83 573	5 81	13	91	69	22	-	=
Other means	2 082 5	1 991 5	5	-	-	-	-	_	-	-	-
Reater occupied housing units	30 512	28 717	16 672	10 514	1 266	265	1 795	743	1 013	6	33
PERSONS									914		
1 person	9 269 8 929	7 844 8 698	7 337 7 507	507 1 186	-	5	1 425 231	609 129	816 79	-	23
2 persons 3 persons		4 891	1 758	3 115	18	-	71 24	5	56 24	-	10
4 persons5 persons	3 418	3 394 1 862	65 5	3 292 1 692	28 140	9 25	24 34	-	28	6	-
6 persons or more	2 038	2 028	-	722	1 080	226	10 1.1	1.1	10 1.1		-
Median	2.2	2.2	1.6	3.6	6.5 33	7.5+	27	-	9	6	12
Units with roomers, boarders, or lodgers	548	521	232	241	33	(3)	27				
YEAR STRUCTURE BUILT 1969 to March 1970	368	368	113	249	-	6	-	-	-	-	-
1965 to 1968	1 005	982	605	364	13 19	-	23 27	14	9 18	-	-
1960 to 1964 1950 to 1959	857 1 423	830 1 416	553 599	258 659	130	28	7	7	-	-	5
1940 to 1949	1 752	1 734	1 008 13 772	662 8 278	52 1 076	12 224	18 1 762	6 714	7 1 015	7	26
1939 or earlier	25 112	23 350	13 772	0 200	1 0/0						
INCOME IN 1969 Less than \$2,000	4 502	3 996	3 106	796	71	23	506	258	234	6	8 5
\$2,000 to \$2,999	2 931	2 629	1 956	644 588	24 56	5	302 194	111 75	186 115	-	4
\$3,000 to \$3,999 \$4,000 to \$4,999	2 206 2 288	2 012 2 104	1 368 1 437	569	75	23	184	83	90	-	11
\$5,000 to \$5,999	2 110	1 996	1 240	618	116 183	22 29	114 134	49 64	65 70	-	-
\$6,000 to \$6,999 \$7,000 to \$9,999	2 372	2 238 6 205	1 259 2 927	767 2 850	364	64	238	66	167 63	-	5
\$10,000 to \$14,999	5 427	5 337	2 384 880	2 624 959	274 88	55 31	90 23	27 5	18	-	-
\$15,000 to \$24,999 \$25,000 or more		1 958 242	115	99	15	13	10 \$3 500	5 \$3 000	5 \$3 800	-	
Median	\$6 500	\$6 700	\$5 400	\$8 300	\$7 900	\$8 400	40 JUU	40 000			
GROSS RENT AS PERCENTAGE OF INCOME		28 650	16 647	10 472	1 266	265	1 795	743	1 013	4	33
Specified renter eccupied ² Less than 10 percent	30 445 3 191	2 973	1 290	1 474	137	72	218 271	53 86	165 180	-	5
10 to 14 percent	6 202 5 030	5 931 4 759	2 852 2 414	2 708 2 027	307 275	64 43	271	105	160	-	٥
15 to 19 percent	3 441	3 223	1 843	1 148	201	31 17	218 194	91 89	127 100	-	5
25 to 34 percent35 percent or more	3 978	3 784 6 675	2 410 4 903	1 181	176 150	33	535	277	239	6	13
Not computed		1 305	935	345	20	5	88	42	42	-]
HEATING EQUIPMENT						98	1 309	386	884	6	33
Steam or hot water Warm-air furnace		13 708 1 479	8 560 690	4 581 686	469 91	12	27	17	10	-	-
Built-in electric units	800 1	1 008	559	411	26	12	5	-	5	-	-
Floor, wall, or pipeless furnoce	208 12 739	203 12 295	104 6 750	80 4 752	19 656	137	444	330	114	-	-
None	34	24	9	4	5	6	10	10			ت
	Lk			ides one-family							

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

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

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

	Louid Dosed on	sample, see text.	For minimum b	ase for derived f	igures (percent,	median, etc.) and	l meaning of sym	bols, see text}		
Worcester	Total	l room	2 rooms	3 rooms	4 rooms		1	7 rooms	8 rooms or more	Median
Owner occupied housing units Units with 1 or more bathrooms and complete kitchen facilities for exclusive	26 105	13	51	340	2 417	7 441	9 042	3 809	2 992	5.8
use, and direct occess	25 713	5	32	285	2 419	7 385	8 889	3 712	2 986	5.8
PERSONS										
1 person 2 persons	3 136 8 028	5 3	41 5	137 179	475			291 719	240 487	5.5 5.4
3 persons	4 480 4 165	5	5	19 5	348 191	1 364	1 577	669 717	493 535	5.8
5 persons6 persons or more6	2 961 3 335	-	-	-	55 39	718	1 040	648 765	500 737	6.0 6.2 6.4
Median	2.9	•••	• · ·	1.7	2.1		3.1	3.8	4.0	0.4
With all plumbing facilities	25 891	8	41							
0.50 or less 0.51 to 1.00	14 302 10 081	-	31	315 128	2 350 1 717	3 642	9 011 5 157	3 805 1 675	2 969 1 952	5.8 5.8
1.01 to 1.50 1.51 or more	1 346	- 8	5 5	182 5	539 75	456	3 289 549	1 924 185	941 71	5.8 5.7
Lacking some or all plumbing facilities. 0.50 or less	214	5	10	25	19 67	49	16 31	21 4	5 23	5.1 4.5
0.51 to 1.00	164 50	5	10 -	9 16	67	26 23	25 6	4	23	4.4
1.51 or more	-	-	-	-	-	-	-		=	-
BEDROOMS										
None and 12	1 180 7 421	36	83	372 59	482 1 610		19 1 303	81	- 24	3.7 5.0
3	12 940 4 631	-	-	-	43	2 821 121	7 165	2 251	660	6.0
YEAR STRUCTURE BUILT		ĺ		_	-	121	748	1 630	2 132	7.4
1969 tó March 1970 1960 to 1968	86 2 185	-	-	-	17		34	4	21	
1950 to 1959 1949 or earlier	4 293	5	5 14	50 47	231 620	849 1 447	613 1 336	225 552	212 272	5.4 5.5
COMPLETE BATHROOMS	19 541	8	32	243	1 549	5 135	7 059	3 028	2 487	5.9
1 and 1 1/2	22 668	5	32	271	2 283	7 068	8 356	3 096	1 557	
2 or more None or also used by pnother household	3 106 324		6	21 36	136 107	333	571	616	1 429	5.7 7.3 4.7
VALUE-INCOME RATIO			, in the second s	50	107	90	63	22	32	4.7
Specified awner occupied'	17 834	5	24	134	1 386	4 333	6 043	3 221	2 688	6.0
1.5 to 1.9 2.0 to 2.9	7 894 3 897	5	10	43 15	555 252	1 896 1 012	2 629 1 321	1 510 750	1 246 547	6.0 6.0
3.0 or more Not computed	2 927 2 940	-	-14	9 63	269 282	717 681	1 021	502 446	409 447	6.0 5.9
	176	-	-	4	28	27	65	13	39	5.9
Renter occupied housing units Units with 1 or more bathrooms and	30 512	1 370	1 244	3 261	6 732	9 521	7 093	934	157	4.8
complete kitchen facilities for exclusive use, and direct access										
PERSONS	28 082	409	809	3 024	6 513	9 382	6 661	906	378	4.9
l person	9 269	1 323	1 044	1 961	2 350	1 619	842	91	39	3.6
2 persons3 persons	8 929 4 962	28 10	172 18	1 093	2 536	2 991 1 900	1 841	214	54	4.7
4 persons	3 418 1 896	4	5	28 15	508 146	1 408	1 549	150 149	64 65	5.3
6 persons or more Median	2 038	1.0	1.1	4	81 1.9	734	717 893 3.1	96 234 3.6	43 92 3.8	5.4 5.7
PLUMBING FACILITIES BY PERSONS PER ROOM					1.7	2.0	3.1	3.6	3.0	
With all plumbing facilities 0.50 or less	28 717 16 672	521	921 753	3 081	6 526	9 377	7 018	916	357	4.9
0.51 to 1.00 1.01 to 1.50	10 514 1 266	507	140	1 834 1 200	4 732 1 573	4 508 4 135	4 167 2 441	451 409	227 109	4.7
1.5) or more Locking some or all plumbing facilities	265	14	18 10	28 19	188 33	607 127	366	43 13	16 5	5.2 4.9
0.50 or less 0.51 to 1.00	743 1 013	-	323 291	180 127	206 154	144 102	75 65	18	-	1.7 3.1
1.01 to 1.50 1.51 or more	6 33	816	32 -	53	46	42	10	14	_	11
BEDROOMS	22	33	-	-	-	-	-	-	-	••••
None	1 353	1 252	81	20	_	_				10
2	6 072 11 720	-	1 139	2 972 282	1 674	225 5 571	62 1 124	109	-	1.0 3.1 4.7
3 or more YEAR STRUCTURE BUILT	11 445	-	-	-	170	3 468	6 649	857	301	5.8
1969 to March 1970	408	74	36	90	105					
1950 to 1959	1 784	135 75	282	604	105 431	39 244	59 79	5 9	-	3.5 3.3
1949 or eorlier	26 887	1 066	52 874	197 2 370	545 5 651	427 8 811	98 6 857	39 881	357	4.2
COMPLETE BATHROOMS										
2 or more None or also used by another household	27 999 350	470 15	862	3 016 21	6 518 47	9 372 57	6 622 65	867 39	272 106	4.8 6.0
GROSS RENT AS PERCENTAGE OF INCOME	2 168	892	378	237	318	218	119	6	-	2.0
Specified renter provided?	30 445	1 376	1 244	3 261						
Less than 10 percent	3 191 6 202	143	67	202	6 710 492	9 494 1 171	7 093	921 72	352	4.8 5.1
20 to 24 percent	5 030	148	60 167	398 427	1 183	2 273	1 830	217	73	5.1
25 to 34 percent	3 978	182	192 285	396 634	823 947	973 1 069	789 752	83 82	33 27	4.9 4.7 4.4
Not computed	1 393	509 68	358 115	1 072 132	1 865 293	2 072 277	1 120 314	158	56 88	4.4
Limited to one-family homes on less than 1	O reteros and as h		ty DEvelution	······	<u>I</u>	l-				

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

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

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

All occupied housing units All occupied housing units MS ms er ell plumbing facilities so r less so r less r	Totol 26 105 13 51 340 2 417 7 41 9 042 3 809 2 992 5.8 25 891 14 302 10 081 1 346 162 214 164 50 - -	1 unit 18 128 5 28 134 1 400 4 375 6 145 3 294 2 747 6.0 18 009 9 520 7 420 946 123 119 90	2 units or more 7 825 8 23 177 913 3 051 2 893 515 245 5.4 7 730 4 676 2 615 400	Mobile home or trailer 152 - 29 104 15 4 - 4.0 152 106	Totol 30 512 1 370 1 244 3 261 6 732 9 521 7 093 934 357 4 8	1 unit 1 506 42 74 105 211 319 343 186 226 5.5	2 units 4 421 22 42 389 1 189 1 591 972 158 58 4.9	3 and 4 units 15 484 49 128 927 2 648 5 887 5 315 468 62	5 to 9 units 5 056 278 317 957 1 873 1 250 313 57 11	10 to 19 units 2 032 405 230 435 479 315 108 60	20 units or more 574 447 443 321 146 42 5	Mobil home o traile 3 1 1
MS m	13 51 340 2 417 7 441 9 042 3 809 2 992 5.8 25 891 14 302 10 081 1 346 162 214 164	5 28 134 1 400 4 375 6 145 3 294 2 747 6.0 18 009 9 520 7 420 9 420 9 420 9 420 119 90	8 23 177 913 3 051 2 893 515 245 5.4 7 730 4 676 2 615	- 29 104 15 4 - 4.0 152 106	1 370 1 244 3 261 6 732 9 521 7 093 934 357 4.8	42 74 105 211 319 343 186 226	22 42 389 1 189 1 591 972 158 58	49 128 927 2 648 5 887 5 315 468 62	278 317 957 1 873 1 250 313 57 11	405 230 435 479 315 108	574 447 321 146 42 5	1
MS m	51 340 2 417 7 441 9 042 3 809 2 992 5.8 25 891 14 302 10 081 1 346 1 62 214 164	28 134 1 400 4 375 6 145 3 294 2 747 6.0 18 009 9 520 7 420 9 420 123 119 90	23 177 913 3 051 2 893 515 245 5.4 7 730 4 676 2 615	104 15 4 - 4.0 152 106	1 244 3 261 6 732 9 521 7 093 934 357 4.8	74 105 211 319 343 186 226	42 389 1 189 1 591 972 158 58	128 927 2 648 5 887 5 315 468 62	317 957 1 873 1 250 313 57 11	230 435 479 315 108	447 443 321 }46 42 5	1
mmsmsmsmsmsmsmsmsmsmsmsmsmsndmsnd	51 340 2 417 7 441 9 042 3 809 2 992 5.8 25 891 14 302 10 081 1 346 1 62 214 164	28 134 1 400 4 375 6 145 3 294 2 747 6.0 18 009 9 520 7 420 9 420 123 119 90	23 177 913 3 051 2 893 515 245 5.4 7 730 4 676 2 615	104 15 4 - 4.0 152 106	1 244 3 261 6 732 9 521 7 093 934 357 4.8	74 105 211 319 343 186 226	42 389 1 189 1 591 972 158 58	128 927 2 648 5 887 5 315 468 62	317 957 1 873 1 250 313 57 11	230 435 479 315 108	447 443 321 }46 42 5	1
msmsmsmsmsmsmsmsmsmsmsmsmsmsmsmsmsmss ands and and and	51 340 2 417 7 441 9 042 3 809 2 992 5.8 25 891 14 302 10 081 1 346 1 62 214 164	134 1 400 4 375 6 145 3 294 2 747 6.0 18 009 9 520 7 420 946 123 119 90	177 913 3 051 2 893 515 245 5.4 7 730 4 676 2 615	104 15 4 - 4.0 152 106	3 261 6 732 9 521 7 093 934 357 4.8	105 211 319 343 186 226	389 1 189 1 591 972 158 58	927 2 648 5 887 5 315 468 62	1 873 1 250 313 57 11	479 315 108	321 146 42 5	1
msmsmsmsmsmsmsms or morems or morems or morenalse de la plumbing facilitiess or lesss and set of the set of	2 417 7 441 9 042 3 809 2 992 5.8 14 302 10 081 1 346 162 214 164	1 400 4 375 6 145 3 294 2 747 6.0 18 009 9 520 7 420 946 123 119 90	913 3 051 2 893 515 245 5.4 7 730 4 676 2 615	104 15 4 - 4.0 152 106	9 521 7 093 934 357 4.8	319 343 186 226	1 591 972 158 58	5 887 5 315 468 62	1 250 313 57 11	315 108	146 42 5	1
msmsmsmsmsmsms or morems or morens or morens one of plembing facilitiesns one or ell plembing facilitiess same or ell plembing facilitiess one of to 1.00ns one of the plembing facilitiesns one of the plembing facilities	7 441 9 042 3 809 2 992 5.8 14 302 10 081 1 346 162 214 164	6 145 3 294 2 747 6.0 18 009 9 520 7 420 946 123 119 90	2 893 515 245 5.4 7 730 4 676 2 615	4 - 4.0 152 106	7 093 934 357 4.8	343 186 226	972 158 58	468 62	57 11		5	
ms ms or more ABING FACILITIES BY PERSONS PER ROOM ell plumbing facilities fo or less fo or less to 1.00 to 1.50 some or all plumbing facilities so or less to 1.00 to 1.00 to 1.00 to 1.00 to 1.00 to 1.00	3 809 2 992 5.8 25 891 14 302 10 081 1 346 162 214 164	3 294 2 747 6.0 18 009 9 520 7 420 946 123 119 90	515 245 5.4 7 730 4 676 2 615	- 4.0 152 106	357 4.8	226	58	62	11	00		
ms or more	2 992 5.8 14 302 10 081 1 346 162 214 164	6.0 18 009 9 520 7 420 946 123 119 90	5.4 7 730 4 676 2 615	152 106	4.8							
ABING FACILITIES BY PERSONS PER ROOM ell plumbing facilities 50 or less 51 to 1.00 51 to 1.00 51 to 1.00 51 or more 51 as er er ell plumbing facilities 51 or 1.00 51 to 1.00 51 to 1.00 51 to 1.00 51 to 1.00	25 891 14 302 10 081 1 346 162 214 164	18 009 9 520 7 420 946 123 119 90	4 676 2 615	106			4.7	5.2	4.0	3.4	2.4	•
att plumbing focilities i0 or less i1 ot 1.00 j1 ot 1.50 some or all plumbing focilities some or all plumbing focilities 51 ot 1.00 j1 ot 1.50	14 302 10 081 1 346 162 214 164	9 520 7 420 946 123 119 90	4 676 2 615	106	AB 717							:
00 or less	10 081 1 346 162 214 164	7 420 946 123 119 90	2 615		28 717 16 672	1 493 829	4 352 2 594	15 171 8 564	4 602 2 754	1 566 882 600	1 498 1 025 468	
11 to 1.50	1 346 162 214 164	946 123 119 90	400	46	10 514	545	1 578	5 794 699	1 518 282	41	5	
1) or more	214 164	119 90		-1	1 266 265	99 20	40	114	48	43 466	480	
50 or less 51 to 1.00 01 to 1.50	164	90	39 95	_	1 795	13	69 56	313 224	454 252	134	73	
51 to 1.00	50 - -		74	-	743	4	13	84	202	317	388	
0] to 1.50	-	29	21	-	6	-		5	-	6 9	19	
	i	-	-	-	33	-	-	2	-	•		
ROOMS	ł					10.		68	217	467	453	
	58 1 122	15 590	43 532	-	1 353 6 072	104 170	44 865 2 042	08 1 407 6 419	1 586	887 590	1 157 446	
	7 421	4 431	2 910	80 18	11 720 10 160	330 448	1 239	7 188	1 009	232 92	44	
	12 940 4 631	9 386 4 128	3 536 503	-	1 285	359	147	646	41	72	-	
									23	177	137	
9 to March 1970	86	74	.=	12	408 935	22 21	14 80	25 101	33 160	184	370 201	
5 to 1968	754	686 1 339	20 32	48 60	849	79	88 229	240 226	212 663	23 61	37	
0 to 1964 0 to 1959	1 1 401	4 113	155	25	1 433	212 131	316	511	482	131	139 1 094	
0 10 1040	2 795	2 541 9 375	254 7 364	7	25 177	1 041	3 694	14 381	3 506	1 456	1 074	
Or earlier	10 /40									247	610	
OME IN 1909	1 695	932	753	10 17	4 502 2 931	188 143	483 306	1 851 1 229	973 727 509	397 251 205	270	
100 to \$2.999	- 201	567 418	397 427	12	2 206	147	226 245	982 1 130	496	198	134	
000 to \$3,999	- 007	544	483	20	2 288 2 110	85 94	290	1 000	434	199 182	82 127	
N01 to \$5,999	- 1 100	673 695	433 485	11	2 372	102	306	1 295 3 584	360 823	311	287	
000 to \$6.999	-1 111	2 987	1 515	25	6 443 5 427	311 254	1 028	3 272	525	185	144 139	
000 to \$9,999 0000 to \$14,999	7 905	5 626	2 238 954	41 16	1 981	158	369	1 039	186	90 14	48	
6 000 to \$24,999	- 5050	4 068 1 618	140	-	252	24 \$6 900	41 \$7 900	\$7 200	\$4 600	\$4 800	\$3 800	
5,000 or more		\$12 000	\$8 900	\$7 700	\$6 500	40 900	•					
AR MOVED INTO UNIT				21	7 782	341	1 016	3 232	1 595 671	720 335	878 172	
59 to March 197058	1 313	855 861	437 262	27	3 643 2 453	182 146	520 419	1 755 1 237	343	184 190	116 252	
47	- 774	705 1649	266 449	21 27	3 829	226	543 686	1 839 2 592	763 746	226	197	
65 and 1966	2 125	3 456	993	59	4 656 4 430	194 223	723	2 472	609	205 84	198 113	
50 to 1959	7 474	5 656 4 892	1 818 3 644	-	3 724	206	553	2 317	451			
49 or eorier	8 536	4 072										
ROSS RENT					30 445	1 439 31	4 421 64	15 484 192	5 056 311	2 032 187	1978 416 241	
Specified renter occupied			•••		1 201	54	105	266 564	289 341	131 155	208	
0			•••		1 470 2 266	63 61	133 295	1 264	482	121 354	25 116	
0 to \$69 0 to \$69 0 to \$79			•••		7 328	149	829 955	4 619 4 570	1 250 927	301	222	
		•••			7 154 5 650	179 226	1 119	2 759	9 47	379 276	220 263	
00 to \$119 20 to \$149					2 853	192	723 45	1 002 67	397 60	56	185	
CO 4- \$199					525 95	112 10	-	4	13	5 67	63 19	
200 to \$299	-				817	362	153	177 \$103	39 \$97	\$102	\$94	
o cash rent			•••		\$104	\$120	\$115	د ن، پ	•••			
EATING EQUIPMENT							2 698	5 093	3 210	1 563	1 456	
tenes or bot water	19 488	13 897 3 158			15 017	997 170	2 870 301 72	501 225	183 181	198 147	128 317	
larm nir furnore	3 830	433	64	i -	1 008	66 49	37	61	27 1 447	4 120	30 47	
uilt-in electric units	177	138 497			12 739	224	1 307	9 584 20	[44 <i>]</i> 8		-	
ther means		477			. 34	-	0	23				
					2 749	199	425	1 131	436	303 24		
oom unit(s)	4 872	3 771 203		5 ~	200	5		15 14 298	26 4 716			
entral system	1				27 568	1 314	+ 033					
UTOMOBILES AVAILABLE						799	2 763	8 821				
	14 848				2 446	277	584	1 194	204	i 33	-	-
or more			0 23	- 9		36 406					1 276	r

Excludes one-family homes on 10 ocres or more.

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

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

				• • • • • • • • • • • • • • • • • • •	Two-or-m	ore-person he			symbols, see 1		One-person	households
Worcester			Mole heod, wi	ife present, no	nonrelatives		Other m	ale head	Female	heod		
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years
Owner occupied housing units	26 105	168	2 146	3 941	9 498	3 714	598	387	1 560	957		ond over
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	25 891	168	2 137	3 932			-			457	1 184	1 952
0.50 or less 0.51 to 1.00 1.01 to 1.50	10 081	91 72	490 1 493	526 2 727	9 477 4 637 4 263	3 661 3 116 532	586 367 199	381 270 106	1 560 958 567	946 804 122	1 135 1 135	1 908 1 908
1.51 or more Locking some or all plumbing facilities	162 214	5 - -	149 5 9	578 101 9	529 48 21	13 	12	5	35	20	-	-
0.50 or less 0.51 to 1.00 1.01 to 1.50		-	4 5	5	10 11	38 15	12 6 6	6 6 -	-	11 7 4	49 44 5	44 44
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
12 or more	18 128 7 825	60 91	1 534 596	3 058 883	7 055 2 387	2 310	415	214	1 047	606	765	1 064
Mobile home or trailer	152	17	16	-	56	1 365 39	183	173	513	351	410 9	873 15
Less than \$2,000	1 675 981	9	20 10	54 26	107 49	202	16	28	92	129	228	810
\$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999	857 1 047 1 106	5 16 5	23 27	18 20	68 105	270 366 379	11 - 17	16 17 21	50 75 103	35 41 61	101 77 139	413 190 163
\$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$9,999 \$10,000 to \$14,999	1 191 4 527	11 34	99 753	57 94 735	158 270 1 403	403 276 612	20 39 93	26 22 55	133 88	112 53	124 134	41 105
\$13,000 to \$24,999 \$25,000 or more	7 905 5 038 1 758	73 15	901 257 56	1 710 894 333	3 562 2 822	592 399	207 142	117 71	327 377 258	207 149 114	194 145 27	114 72 39
	\$11 000	\$10 300	\$10 800	333 \$12 800	954 \$13 600	\$6 900	53 \$12 500	14 \$10 400	57 \$9 200	56 \$7 700	15 \$5 400	5 \$2 400
Specified owner accupied'	17 834 7 894	60 31	1 519 395	3 001 1 370	6 938 4 155	2 279	404	201	1 021	600	761	1 050
1.5 to 1.9 2.0 to 2.4 2.5 to 2.9	3 897 1 977 950	11 8	604 241	887 401	1 493 631	746 351 321	224 73 36	110 13 25	446 161 130	198 133 62	145 109 80	74 62 42
3.0 to 3.9 4.0 or more Not computed	1 027	5	134 98 42	121 114 102	213 234 189	174 250 427	27	4 20	64 78	35 62	71 79	107 87
	176	5	5	6	23	10	-	14 15	130 12	94 16	222 55	649 29
Renter occupied housing units	30 512	1 894	3 700	2 282	4 994	2 372	1 053	279	3 672	997	4 813	4 456
0.50 or less	28 717 16 672	1 863 727	3 672 876	2 252 377	4 869	2 341	1 037	268	3 593	978	3 873	3 971
0.51 to 1.00 1.01 to 1.50 1.51 or more	10 514 1 266 265	1 075 56	2 432 320	1 362 401	2 373 2 237 227	1 774 542 21	571 410 37	212 56	1 678 1 675 204	747 218	3 722 151	3 615 356
0.50 or less	1 795	5 31 5	44 28	112 30 5	32 125 37	4 31 26	19 16	<u>1</u>	36 79	13 19	940	485
0.51 to 1.00 1.01 to 1.50 1.51 or more	1 013 6 33	26	28	25	78 10	20 5 -	12		41 13 6	9 10 -	371 569	238 247
	1 506			-	10	~	4	-	19	-	-	-
5 to 19	19 905 7 088	64 1 336 456	219 2 807 589	144 1 821 301	272 3 969 630	136 1 674	42 747	25 202	193 2 434	24 702	174 2 221	213 1 992
20 or more Mobile home or trailer	1 978	32 6	79 6	16	116	401 161 -	237 27	46 6 -	974 66 5	214 57	1 842 565 11	1 398 853
GROSS RENT Specified renter occupied ² Less than \$50	30 445	1 894	3 696	2 272	4 981	2 366	1 053					
\$60 to \$69	1 201 1 086 1 470	11 10 22	15 17 40	6 38 75	5 52	37 78	10 24	279 15 19	3 653 19 41	997 29 30	4 898 324 209	4 446 730 568
\$70 to \$79 \$80 to \$99 \$100 to \$119	2 266 7 328 7 154	56 351	130 784	140 507	136 260 1 291	110 204 670	24 57 273	10 30 65	99 253 992	54 96	544 555	356 485
\$120 to \$149 \$150 to \$199	5 650 2 853	617 570 211	995 1 001 499	722 494 204	1 462 1 079 498	527 383 190	233 195	79 38	959 752	177 295 156	1 268 810 608	950 455 374
\$200 to \$299 \$300 or more No cash rent	525 95 817	20 26	100 4 111	36	70 10	33 32	161 47 -	4 - 5	443 40 5	101 16 5	277 83 19	265 80 15
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME				50	118	102	29	14	50	38	ni	168
Specified renter occupied? Less than \$5,000	30 445 11 902	1 894 414	3 696 287	2 272 173	4 981 411	2 366	1 053	279	3 653	997	4 808	
Less than 20 percent	554 1 000 2 505	5 20 104	18 33 72	19 8	30 47	1 177 24 154	348 11 15	103 6 11	2 018 59 125	425 21 34	2 643 270	3 901 91
35 percent or more Not computed \$5,000 to \$9,999	6 935 908	265 20	141 25	46 85 15	99 219 16	358 574 67	35 237 50	14 72	484 1 233	91 252	289 477 1 355	264 725 2 502
20 to 24 percent	10 896 6 616 2 303	1 080 589 228	3 932 1 276 389	1 066	1 802 1 276	698 362	382 217	110	117 1 159 621	27 347 211	252 1 842 1 133	319 478
35 percent or more	1 453 270 254	231 21	196 30	242 107 16	342 162 6	152 122 30	84 63 12	20 12	258 180	71 60	394 226	185 123 94
\$10,000 to \$14,999 Less than 20 percent	5 420 5 112	11 353 353	41 1 172 1 076	19 841 790	16 1 721 1 633	32 289	6 225	14 53	63 37 350	5 141	33 56 238	54 22 37
Not computed	132 20 156	-	43 53	30 5	28	273 5 5	216	53	344 6	125 5	226 5	23 10
Less than 20 percent	2 227 2 141	47 47	303 296	16 192 182	60 1 047 1 011	6 202 180	9 98 98	13	126	6 5 84	7	30
25 percent or more Not computed	6 5 75	-		10		6 5		13	126	78	80 	30
Limited to one-family homes on less than 10	acres and no b	usiness on prop	erty. ³ Exc	ludes one-form			- Dre.	-	-	6	5	
242-16 WORCESTER MASS SA	***											

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

a text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text) 1.

(anonetor	·/ 186. #		2 persons	se for derived figures of the second se	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
orcestor	Total) person 3 136	2 persons 8 028	4 480	4 165	2 941	1 711	944	680	2.9
Owner occupied housing units	26 105	3 130							_	1.7
e and 1	1 180	485	641 3 543	54 1 448	820	238	-	20 357	41 123	2.2 3.5
	7 421 12 940	1 311 1 249 301	2 937 683	2 185 551	2 703 730	2 146 766	1 240 570	523	507	4.6
[more	4 631	301				~		_	-	
AB STRUCTURE BUILT	86	29	17 162	28 122	14 184	22	68 100	29 10	32	3.8 3.5
5 to 1968	1 1 401	67 343	441	210 798	334 834	237 546	276 140	173 138	97 42	3.2 2.8
0 to 19590 to 1949	4 293 2 795	314 2 383	926 5 256	512 2 810	448 2 351	275 1 721	1 122	594	509	2.8
9 er eorlier	16 746	2 383	5 250				1.070	736	576	3.2
ITS IN STRUCTURE	18 128	1 829	5 142 2 784	3 080 1 384	3 188 967	2 307 654	1 270 441	208	104	2.4 2.0
r more bile home or trailer	/ / //	1 283 24	102	16	10	-	-	-		
MPLETE BATHROOMS		0.757	7 280	3 954	3 620	2 446	1 375	750 161	486 167	2.8 3.8
and 1 1/2	2 2 277	2 757 170	533	398	371 112	401		43	17	3.3 2.2
more ne or also used by another household	- ///	68 86	180 109		18	27	8	14		
SUSEHOLD COMPOSITION				4 480	4 165	2 961	1 711	944	680	3.3
s-or-more-person hopseholds	- 22 969 19 467		8 028 6 180	3 648	3 731	2 76	5 5	890 5	639	2.7
Male head, wife present, no nonrelatives Under 25 years	168		73	372	721 858	43	253	110	41 353	5.0
25 to 34 years	3 941		183	2 132	856 1 960 177	1 09	5 665	363	245	3.5 2.7 4.2 5.0 3.3 2.3 2.5 2.5 2.4
45 to 64 years 65 years and over	3 714		2 670	776	125	4	6 34	24	15 15	2.5
Other male head	578		30:	107	71 54	1	ī 6	5	26	2.4
65 years and over	에 호령의	•••	1 33	600	309 265	12	6 63	16		2.8 2.2
Under 65 years 65 years and over	957		66	3 202	44		1			1.0
porsen households	- 3 136	3 136					_	715	553	3.5
ALUE-INCOME RATIO Specified owner occupied:	17 834	1 811			3 12	3 99	5 735	421	341	3.4 3.5
us than 1.5 5 to 1.9	7 894 3 897	219 171	1 10	9 636	74	3 68	6 277 4 121	70	32	3.0 2.0
0 ta 2.4		122	3 28	3 129	16	5 10	6 37	40	14	2.4 1.4
B to 19	-+ / / /	166 871	63	2 153	8	3 5	8 37 5 -		-	1.6
0 or more		84	4	4 4						
				4 961	3 41	8 1.8	6 1 00	66	363	2.:
Reater accupied housing units	30 512	9 26	9 8 91	[9] 4 702						1.
EDROOMS	1 353	1 24		18		ō	-	2		1.: 2.
tone	6 072	3 72	2 48	2 49	98	8 3	31 4 20 90	4 21 3 54		3.
or more		1 11	7 21	2 62						2.
FEAR STRUCTURE BUILT	408	15		12 6				~ 1	6 6 5	1.
1969 to March 1970 1965 to 1968	935	50	1 2	BT 9 DT 5	8	15	18 1 11 4	9 7	3 39	1. 2. 2.
1960 to 1964	1 433	43	3 3	15 23 89 32	9 20	4	83 7	·	2 000	2
1940 to 1949				31 4 18	1 2 9		~.			2
UNITS IN STRUCTURE		38	7 3	63 24				5 6		2
1	4 42	1 01	14 14	42 2 95	3 22	12 12	06 62 210 19	n 13	17 48	1
3 and 4	5 05	2 1	52 14		3 1	05	87 19	5 4	9 27	. 1
10 to 19 20 or more		14	18 4	27 8	6	28	-	-	- -	•
Mobile home or troiler	3	5	11					81 6	74 314	
COMPLETE BATHROOMS	27 99			162 4 7 102	io I	67	21	_	12 4	2
2 or more		- I		287 14	12	39	36	- /		
HOUSEHOLD COMPOSITION				29 4 9	34		896 1 0	• · · ·	66 36 37 28	
Two-ar-more-person households Male head, wife present, no nonrelatives	21 24		5	793 35	58 20	98	43	22	30	
Under 75 verte				844 9	38 8		453 3	30 2	35 16 40 5	31 3
25 to 34 years 35 to 44 years				021 12		55	22	18	20 20 2	5
45 to 64 years 65 years and over	2 37	2 .		772 2	91	130	49 49	21 21	20 2	0
Other more nego	1 05	i3 ·		215	35	29			09 5	
65 years and ever	4 66	59 .	2			597	258 10	6	10	-
65 years and over	9	77	269	101						
the person bouseholds						407 1			666 34	20
GROSS RENT AS PERCENTAGE OF INC Specified rester occupied ²			350		64	558 006	314	202	157 10	
Less than 10 percent	6 2	02	671 2	579	00	726	364	142	85	ន
15 to 19 percent	34	41 1	085 1	045	527 544	284 332	154 221	65 108	90	24 5
25 to 34 percent 35 percent or more		10 3	944 1	706	737 172	380 121	60	17	10	2
35 percent or more		93	661	Q 77 1		1	and the second designed in the second designe			

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]

	10010 00000 0	n sumple, see i	ext. For thirth	nom buse tor	derived figures (percent, median, etc.) and meaning a	r symbols, see	fext		
Worcester	Total	Less than 2 months	2 up to 6 months	6 months or more	Worcester	Total	Less than 2 months	2 up to 6 months	ó months or more
Vacant for sole	72	12	31	29	Vacant for rent	1 306	721	327	254
ROOMS					ROOMS				
1 to 3 rooms	20 30 14 8	- 8 4 - -	- 8 12 6 5	4 14 8 3	1 room 2 rooms 3 rooms 4 rooms 5 rooms	93 45 188 379 386	68 38 114 210 211	18 7 34 87 87	7 - 40 82 88
PLUMBING FACILITIES With all plumbing facilities	69	10			6 rooms 7 rooms or more	179 36	65 15	83 11	31 10
Lacking some or all plumbing facilities	3	12	31	26 3	PLUMBING FACILITIES				
BEDROOMS	-				With all plumbing facilities Lacking some or all plumbing facilities	1 197 109	652 69	310 17	235 23
234 or more	- 26 14	-	- 26 14	-	BEDROOMS				
YEAR STRUCTURE BUILT	14	-	14	-	None	87 259 566	63 186	24 37 90	- 36 122
1969 to March 1970 1960 to 1968 1950 to 1959	3		-	3	3 or more	327	354 180	90 85	52
1949 or earlier	56	10	3 28	8 81	YEAR STRUCTURE BUILT				
UNITS IN STRUCTURE	38 34	4	23	11	1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	32 42 75 1 157	23 26 51 621	9 24 294	9 7 242
HEATING EQUIPMENT	54	Ĩ		10	UNITS IN STRUCTURE				
Steam or hat water Warm-air furnace Built-in electric units Floar, wall, ar pipeless furnace Other means None	56 14 - - -	8 2 - - -	26 5 - - - -	22 7 - - - -	1 2 to 4 5 to 9 10 to 19 20 or more	40 712 334 169 51	18 341 186 128 48	8 202 95 19 3	14. 165 53 22
SALES PRICE ASKED					RENT ASKED				
Specified vecant for sale! Less than \$5,000 \$5,000 to \$9,999 \$5,000 to \$14,999 \$15,000 to \$14,999 \$20,000 to \$24,999 \$20,000 to \$24,999 \$20,000 to \$24,999 \$35,000 to \$34,999 \$35,000 to \$34,999 \$35,000 to \$34,999	38 	4 - - 2 2 - - - - - -	23 - - 6 9 8 - - - - -	11 - - 3 3 5 - -	Specified vacant for rent? Less than \$50 \$50 to \$59 \$60 to \$70 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$120 to \$199 \$200 or more. Median rent osked	1 306 293 155 363 207 108 115 47 18 \$71	721 134 63 194 137 66 87 25 15 \$77	327 89 35 123 36 18 15 11 - \$66	258 70 57 46 34 24 13 11 3 561

Limited 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 o	ased on sample, see text. For meaning of symbols, see text)												
Worcester	Soles price asked - Vacant for sole'							Rent asked - Vacant for rent?						
	Tatal	Less thon \$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	38	-	8	14	11	5	-	1 306	448	363	207	223	47	18
PLUMBING FACILITIES														
With all plumbing facilities Locking some or all plumbing facilities	40 -	-	14	-	26	-	-	1 143 96	214 59	320	285 37	239	85 -	-
BEDROOMS														
None and 1 2 3 4 or more	- 26 14	-	- - 14	-	- 26	- -	- - -	346 566 303	83 167 23	62 147 87	76 166 80	113 25 101	12 61 12	
YEAR STRUCTURE BUILT	14	-	14	-	-	-	-	24	-	24	-	-	-	-
1969 to March 1970 1960 to 1968 1950 to 1959 1949 ar earlier	3 - 13 22	-	- 2 6	- 3 11	3 - 3 5			32 42 75 1 157	3 7 26 412	7 17 339	3 16 20 168	13 	10	3 12 2
UNITS IN STRUCTURE													57	
12 to 4 5 to 19 20 or more		· · · · · · ·	····	••••	···· ··· ···			40 712 503 51	3 243 189 13	14 233 107 9	13 102 76 16	10 112 94 7	22 25	- 12 6
INCLUSION OF UTILITIES IN RENT														
All utilities included Some or no utilities included	•••	· • •	•••					308 998	75 373	56 307	67 140	86 137	18 29	6 12

Limited to one-family homes on less than 10 acres and no business on property. 2Ex

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
questionnaire	App-2
Comparability with 1960 data	App-2
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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
Buradon of Vacancy	Арр-о
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	Арр-б
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	Арр-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	Арр-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 selfenumeration. 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 mechancial refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

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

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I. Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

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

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

#### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

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

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, monasteries, 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, households 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. "Yearround" 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 yearround. A unit used only occasionally throughout the year is also considered vear-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 yearround 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 App13.) 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 airconditions 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 sometimes 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 onefamily 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 onefamily 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-forrent 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 nonrelatives.—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 nonrelatives 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 "oneperson 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 retirement, 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.)

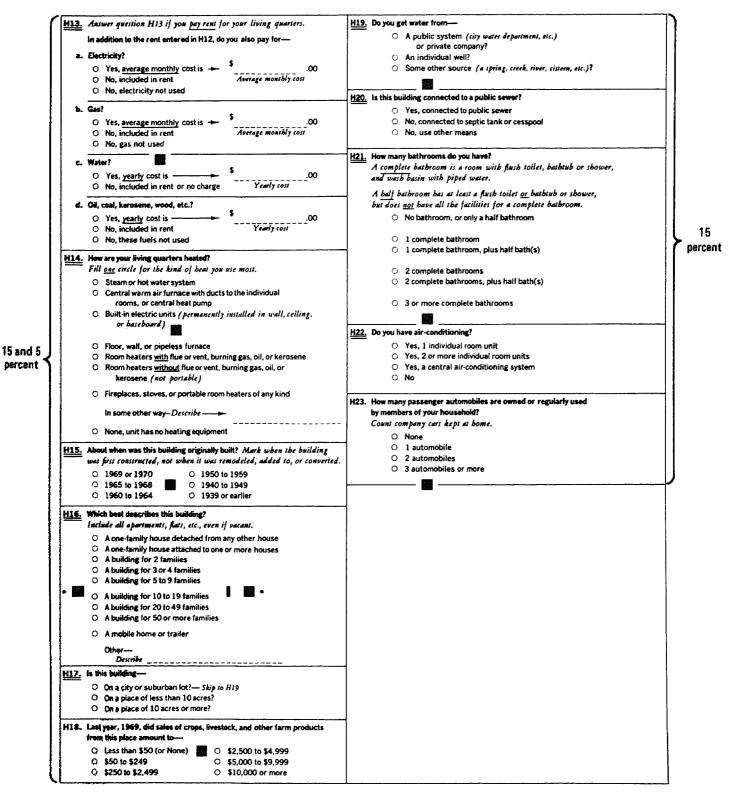
## **APPENDIX B**—Continued

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

A. Hor	w many living quarters, occupied and vacant, are this address?	H9. Are your living quarters-	FOR CENSUS
	One	O Owned or being bought by you or by someone else	N ENUMERATOR'S USE
		in this household? Do not include cooperatives and	N <u>ONLY</u>
0	2 apartments or living quarters	condominiums bere.	a4. Block a5. Serial
	3 apartments or living quarters	O A cooperative or condominium which is owned or being	number numbe
0	4 apartments or living quarters	bought by you or by someone else in this household?	N 1
0	5 apartments or living quarters	<ul> <li>Rented for cash rent?</li> </ul>	Nacadaaad
0	6 apartments or living quarters		00000000
	7 apartments or living quarters	Occupied without payment of cash rent?	1 100010001
0	8 apartments or living quarters		N 200020002
	9 apartments or living quarters	HIOs to this hulter	N 300030003
		H10a. is this building a one-family house?	N 400040004
õ	10 or more apartments or living quarters	O Yes, a one-family house	N
0	This is a mobile home or trailer	O No. a building for 2 or more families	N 🛄
•	880 -	or a mobile home or trailer	N 500050005
	•		N 600060006
4		b. If "Yes"- Is this house on a place of 10 acres or more,	IN
Лягы	ver these questions for your living quarters	or is any part of this property used as a commercial	N 700070007
-		establishment or medical office?	N 800080008
H1. ks (	there a telephone on which people in your living		N 900090009
qu	arters can be called?	O Yes, 10 acres or more	
		O Yes, commercial establishment or medical office	
	Yes	O No, none of the above	
0			B. Type of unit or quarters
	Phone number		
		H11. If you live in a one-family bouse which	
	you enter your living quarters	you own or are buying-	O First form
0	Directly from the outside or through	What is the value of this property; that is, how much	O Continuation
	a common or public hall?	do you think this property (house and lot) would sell for	N
0	Through someone else's living quarters?	if it were for sale?	Vacant
-	through antioone erac a mang quarters:	H IC WEIG FOR SAME!	N O Regular
		O Less than \$5,000 If this boxse	O Usual residence
	sense have according total of some of	O \$5,000 to \$7,499 is on a place	elsewhere
	you have complete kitchen facilities?	O \$7,500 to \$9,999 of 10 Acres or	
LOI	mplete hitchen facilities are a sink with piped	more, or if	
1440	ter, a range or cook stove, and a refrigerator.	O \$10,000 to \$12,499 any part of	Group quarters
	Yes, for this household only	O \$12,500 to \$14,999 shis property	O First form
	Yes, but also used by another household	O \$15,000 to \$17,499 is used as a	O Continuation
ō	No complete kitchen facilities for this household	O \$17,500 to \$19,999 commercial	\
	the complete michen lacattes for this nousehold	establishment	For a vacant unit, also fill
		• \$20,000 to \$24,999 or medical	C, D, A, H2 to H8, and
H4. Ho	w many rooms do you have in your living quarters?	© \$25,000 to \$34,999 office, do	H10 10 H12
Do	not count bathrooms, porches, balconies, foyers,	0 \$35,000 to \$49,999 not answer	3
bai	Us, or half-rooms.	• \$50,000 or more this question.	3
0	1 room O 6 rooms		1
			N
	~ / / · · · · · · · · · · · · · · · · ·	H12. Answer this question if you pay rent for your living quarters.	
	0 0 100/15	a. If rent is paid by the month-	C. Vacancy status
	4 rooms O 9 rooms or more		Year round
0	5 rooms	What is the monthly rent?	O For rent
			O For sale only
H5, is 1	there hat and cold piped water in this building?	<b>\$</b>	O Rented or sold, not
	Was bad and at a start at	Write amount bere \$00 (Nearest dollar)	occupied
0	Yes, hot and cold piped water in this building	and ,	O Heid for occasional use
0	No, only cold piped water in this building	O Less than \$30	0 Other vacant
0	No piped water in this building	Fill one circle 0 \$30 to \$39	V Uniter Walcarit
		0 \$40 to \$49	O Seasonal
De De	you have a flush tollet?	○ \$50 to \$59	O Migratory
0	Yes, for this household only	O \$60 to \$69	Y maa
0	Yes, but also used by another household	O \$70 to \$79	Y 🚥
õ	No flush toilet		Y
_		O \$80 to \$89	D. Months vacant
		O \$90 to \$99	C Less than 1 month
	and the second	O \$100 to \$119	0 1 up to 2 months
17. Do	you have a bathtub or shower?	O \$120 to \$149	
	Yes, for this household only	O \$150 to \$199	O 2 up to 6 months
ñ	Yes hid also much be an in a second be	, , , , , , , , , , , , , , , , , , ,	0 6 up to 12 months
ž	Yes, but also used by another household	O \$200 to \$249	0 1 year up to 2 years
1.2	No bathtub or shower	O \$250 to \$299	0 2 years or more
-		O \$300 or more	1
	bers a basement in this building?		
1 <u>18.</u> is t	there a basement in this building?	b. If rent is not paid by the month-	1
<b>HE 14 1</b>	Yes	What is the rent, and what period of time does it cover?	1
0	Yes No, built on a concrete slab	w. If rend is not paid by the month What is the rent, and what period of time does it cover?	
HE. 1. 1	Yes No, built on a concrete stab No, built in another way <i>(include mobile bomer</i>	What is the rent, and what period of time does it cover?	
0	Yes	What is the rent, and what period of time does it cover?     What is the rent, and what period of time does it cover?     S	

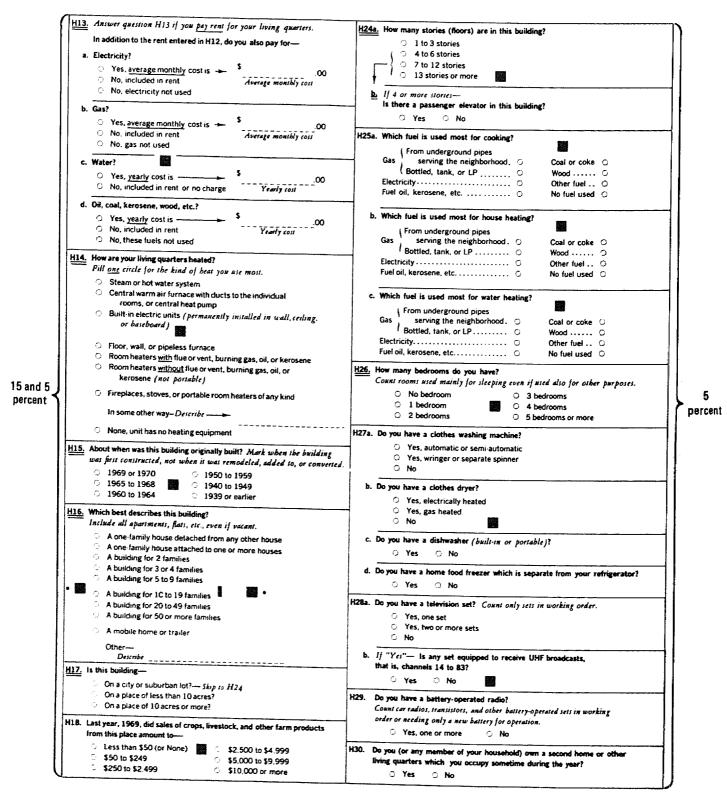
## **APPENDIX B**-Continued

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



## **APPENDIX B**—Continued

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



## **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 hol 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

Any heater that you plug into an electric ourier should be counted up a portable room heater--not a built-in electric unit.

H15. 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.

SOURCES OF ERROR App-14
EDITING OF UNACCEPTABLE
DATA App-14
SAMPLE DESIGN App-14
Damin new White
RATIO ESTIMATION App-15
SAMPLING VARIABILITY
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 renteroccupied unit.

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

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

The extent of allocations for nonresponses 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 5percent 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 15percent 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-

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

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

#### **RATIO ESTIMATION**

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting-areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do 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 householdtype 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		Own
1		ren Und		
2		erson ho		
2		erson ho		
3	3-р	erson ho	usehold	
•	•			
6				
D	6-0) hc		erson hoi	use-
	Male	Head	Nithout	Own
	Child	ren Unde	er 18	
7-12	1-pe	rson to (	6-or-mor	e-
		rson <mark>ho</mark> u		
	Female	Head		
13-18	1-pe	rson to (	B-or-more	3-
		son hou		
	S	rage II		
	Owner	Occupied	đ	
19	Neg	0		
20	Not	Negro		
	Renter	Occupied	1	
21	Negr	o		
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, consistency 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 fourfifths 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 20percent 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 2½ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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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

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

	Factor if sample rate is-				Factor if sample rate is-			
Characteristic ¹	20 15 percent percent		5 percent	Characteristic ¹	20 percent	15 percent	5 percent	
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES				
Year moved into unit		1.1		Heating equipment	0.8	9.0		
Duration of vacancy	0.8		1.7	Air conditioning	•••	1,1	•••	
· · · · ·				Automobiles available		1.0		
UTILIZATION CHARACTERISTICS				Appliances			1 <i>.</i> 9	
Rooms	1.0	1.1	2.1					
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS				
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1	
Bedrooms		,	2.1	Value-income ratio	1.0	1.2		
				Gross rent	0.9	1.1	2.1	
PLUMBING CHARACTERISTICS				Gross rent as percentage of income	1.0	1.2		
Complete bathrooms		1.1		Sales price asked	1.1		2.5	
Plumbing facilities	1.0			Rentasked	1.1	•••	2.5	
STRUCTURAL CHARACTERISTICS				HOUSEHOLD CHARACTERISTICS				
Units in structure	0.8	0.9	1.7	Household composition	0.6	0,7		
Year structure built	0.9	1.0		Income in 1969	1.0	1.2	2.3	
				ALL OTHERS	1.0	1.2	2.2	

## TABLE D. Factor to be Applied to Standard Errors

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

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

# Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

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

#### **Housing Census Reports**

Volume I.

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

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

#### E 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. Crosstabulations 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.

#### APPENDIX D-Continued

#### 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 crossclassified 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 proverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

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

#### **Additional Reports**

#### Series PHC(E).

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

#### Series PHC(R).

#### PROCEDURAL REPORTS

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

#### **Computer Summary Tapes**

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

- First Count-source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.
- Second Count-source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.
- Third Count-source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

- Fourth Count-source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.
- Fifth Count-contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.
- Sixth Count-source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

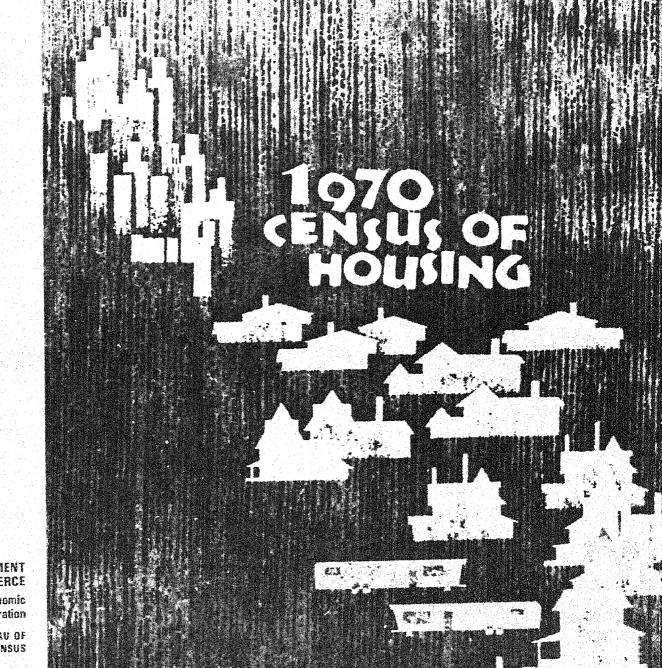
The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

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

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

# Metropolitan Housing Characteristics

## YORK, PA. STANDARD METROPOLITAN STATISTICAL AREA



A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION



HC(2)-243

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

> BUREAU OF THE CENSUS

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HOUSING DIVISION Arthur F. Young, Chief

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# 1970 CENSUS OF HOUSING

# Metropolitan Housing Characteristics

YORK, PA. STANDARD METROPOLITAN STATISTICAL AREA

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

For list of contents see page VIII

HC(2)-243

# LIST OF HC(2) REPORTS

number	Area	Report		Report	
	Area	nonner	Area	numbe	r Area
1	United States and Regions	10			
2	Abilene, Tex. SMSA	43	Chattanooga, TennGa. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMS
3	Akron, Ohio SMSA	44	Chicago, III. SMSA	86	Greenville, S.C. SMSA
4	Albany, Ga. SMSA	45	Cincinnati, Ohio-KyInd. SMSA	87	Hamilton-Middletown, Ohio SMSA
5		46	Cleveland, Ohio SMSA	88	Harrisburg, Pa. SMSA
3	Albany-Schenectady-Troy, N.Y. SMSA	47	Cotorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
7	Allentown-Bethlehem-Easton, PaN.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8	Aitoona, Pa. SMSA	50	Columbus, GaAla. SMSA	92	Huntington Ashland, W. VaKyOhio SMSA
9	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	1	
10	Anaheim-Santa Ana-Garden Grove, Calit. SMSA	52	Corpus Christi, Tex. SMSA	93	Huntsville, Ala. SMSA
11				94	Indianapolis, Ind. SMSA
11 12	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-III. SMSA	97	Jacksonville, Fla. SMSA
14 15	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jersey City, N.J. SMSA
15	Atlanta, Ga. SMSA	57	Decatur, III. SMSA	99	Johnstown, Pa. SMSA
16	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	1 100	
17	Augusta, GaS.C. SMSA	59	Des Moines, Iowa SMSA	100	Kalamazoo, Mich. SMSA
18	Austin, Tex. SMSA	60	Detroit, Mich. SMSA	101	Kansas City, MoKans. SMSA
19	Bakersfield, Calif. SMSA	61	Dubuque, Iowa SMSA	102	Kenosha, Wis. SMSA
20	Baltimore, Md. SMSA	62	Duluth-Superior, MinnWis. SMSA	103 104	Knoxville, Tenn. SMSA La Crosse, Wis. SMSA
21	Baton Rouge, La. SMSA				
22	Bay City, Mich. SMSA		Durham, N.C. SMSA	105	Lafayette, La. SMSA
23		64	El Paso, Tex. SMSA	106	Lafayette-West Lafayette, Ind. SMSA
24	Beaumont-Port Arthur-Orange, Tex. SMSA	65	Erie, Pa. SMSA	107	Lake Charles, La. SMSA
25	Billings, Mont. SMSA		Eugene, Oreg. SMSA		Lancaster, Pa. SMSA
23	Biloxi-Gulfport, Miss. SMSA	67	Evansville, IndKy. SMSA		Lansing, Mich. SMSA
26	Binghamton, N.YPa. SMSA	68	Fall River, MassR.I. SMSA	110	
27	Birmingham, Ala. SMSA	69	Fargo-Moorhead, N. DakMinn. SMSA		Laredo, Tex. SMSA
28	Bloomington-Normal, III. SMSA	70	Fayetteville, N.C. SMSA		Las Vegas, Nev. SMSA
29	Boise City, Idaho SMSA		Fitchburg-Leominster, Mass. SMSA		Lawrence-Haverhill, MassN.H. SMSA
30	Boston, Mass. SMSA		Flint, Mich. SMSA		Lawton, Okla. SMSA Lewiston-Auburn, Maine SMSA
31	Bridgeport, Conn. SMSA			114	Lewiston-Auburn, Mane SWSA
32	Bristol, Conn. SMSA	73	Fort Lauderdale-Hollywood, Fla. SMSA	115	Lexington, Ky. SMSA
33	Brockton, Mass. SMSA	74	Fort Smith, ArkOkla. SMSA		Lima, Ohio SMSA
34	Brownsville-Harlingen-San Benito, Tex. SMSA	75	Fort Wayne, Ind. SMSA		Lincoln, Nebr. SMSA
35	Bryan-College Station, Tex. SMSA	76	Fort Worth, Tex. SMSA		Little Rock-North Little Rock, Ark. SMSA
		77	Fresno, Calif. SMSA		Lorain-Elyria, Ohio SMSA
36	Buffalo, N.Y. SMSA	78	Gadsden, Ala. SMSA	120	Los Aperles Love Develo C. 17, 01004
	Canton, Ohio SMSA		Gainesville, Fla. SMSA		Los Angeles-Long Beach, Calif. SMSA
	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA		Louisville, KyInd. SMSA
39	Champaign-Urbana, III. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA		Lowell, Mass. SMSA
	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA		Lubbock, Tex. SMSA
	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA		Lynchburg, Va. SMSA
42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	125 /	Macon, Ga. 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. SMS
128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, OregWash. SMSA	213	Steubenville-Weirton, Ohio- W. Va. SMSA
130	Memphis, TennArk. SMSA	172	Providence-Pawtucket-Warwick, R.IMass. SMSA		Stockton, Calif. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
132	Miami, Fla. SMSA	174	Puebla, 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, TexArk. 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, III. SMSA	225	Tulsa, Okla. SMSA
142	Nashua, N.H. SMSA	184	Sacramento, Calif. SMSA	226	Tuscaloosa, Ala. SMSA
143	Nashville-Davidson, Tenn. SMSA	185		227	Tyler, Tex. SMSA
144	New Bedford, Mass. SMSA	186	•	228	Utica-Rome, N.Y. SMSA
145	New Britain, Conn. SMSA	187		229	Vallejo-Napa, Calif. SMSA
146	New Haven, Conn. SMSA	188		230	Vineland-Millville-Bridgeton, N.J. SMSA
147	New London Crotes Newvich Cong. SMSA	189	Salinas Monterey, Calif. SMSA	231	Waco, Tex. SMSA
147	New London-Groton-Norwich, Conn. SMSA	190		232	Washington, D.CMdVa. SMSA
148	New Orleans, La. SMSA	191		233	Waterbury, Conn. SMSA
149	New York, N.Y. SMSA	192		234	Waterloo, Iowa SMSA
150 151	Newark, N.J. SMSA Newport News-Hampton, Va. SMSA	193		235	West Palm Beach, Fla. SMSA
163	Martin Daman and March CMCA	104	San Diego, Calif. SMSA	236	Wheeling, W. VaOhio SMSA
152	Norfolk-Portsmouth, Va. SMSA	194		237	
153	Norwalk, Conn. SMSA	195		238	
154	Odessa, Tex. SMSA	196		239	Wilkes-Barre-Hazleton, Pa. SMSA
155 156	Ogden, Utah SMSA Oklahoma City, Okla. SMSA	197 198		240	Wilmington, DelN.JMd. SMSA
127	-	199	Savannah, Ga. SMSA	241	Wilmington, N.C. SMSA
157	Omaha, NebrTowa SMSA		Scranton, Pa. SMSA		Worcester, Mass. SMSA
158	Orlando, Fla. SMSA	200		243	
159	Owensboro, Ky. SMSA	1	Sherman-Denison, Tex. SMSA		Youngstown-Warren, Ohio SMSA
160	Oxnard-Ventura, Calif. SMSA	202	•		
161	Paterson-Clifton-Passaic, N.J. SMSA	203	Sillereport, La. Smort	245	Caguas, Puerto Rico SMSA
162	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, Puerto Rico SMSA
162	-	204		247	Ponče, Puerto Rico SMSA
163	Peoria, III. SMSA Petersburg-Colonial Heights, Va. SMSA	205		248	San Juan, Puerto Rico SMSA
164		200			
165	Philadelphia, PaN.J. SMSA	207		1	
165		200			
167	Pine Bluff, Ark. SMSA	1 200	Abruiding and an an arrest	1	

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

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (1) 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	in	by age of	n Size of f household		Sales price asked and rent asked
GCCUPANCY AND VACANCY CHARACTERISTICS Year moved into unit Duration of vacancy	1, 11*, 19† _	2, 12*, 20t	3, 13*, 211	- 9'		6, 16*, 24† 9	-	-		
UTILIZATION CHARACTERISTICS Number of rooms Size of household (persons) Number of bedrooms Persons per room	1, 11*, 19† 1, 11*, 19† 1, 11*, 19† 1, 11*	2, 12*, 20† 2, 12*, 20† 2, 12* 2, 12* 2, 12*	3, 13*, 21† 3, 13*, 21† 3, 13* 4, 14*, 22†	5, 15*, 23† 4, 14*;•22† 		6, 16*, 24† 8, 18*, 26† 6, 16* 6, 16*, 24†		8, 18*	9  9	
PLUMBING CHARACTERISTICS Plumbing facilities . Plumbing facilities by persons per room Complete bathrooms	1, 11*, 19† 1, 11*, 19†	2, 12*, 201 2, 12*, 201	4, 14*, 22† -			6, 16*, 24† –	-		9 	10
STRUCTURAL CHARACTERISTICS Units in structure Year structure built Elevator in structure	1, 11*, 19† -	6, 16*, 24† 2, 12*, 20† 2, 12*	6, 16*, 24† 3, 13*, 21†	6, 16*, 24† 4, 14*, 22†	6, 16*, 24† 5, 15*, 23†	6, 16*, 241	7, 17*, 25† _	8, 18*, 26† 8, 18*, 26†	9 9	10 10
EDUVPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Automatic clothes washing machine Clothes driver Distiwasher Home food freezer	1, 11*, 191 1, 11*, 191 	2, 12*, 20† - - - - - -	3, 13*, 21† 3, 13*, 21† 3, 13* 3, 13* 3, 13* 3, 13* 3, 13* 3, 13*	4, 14*, 22†  		6, 16*, 24† 6, 16*, 24† 6, 16*, 24† 			9 - - - - -	
FINANCIAL CHARACTERISTICS Volue Volue Income ratio Gross rent as percentage of Income Gross rent as percentage of Income by		- - 2, 12*, 201	1, 11*, 19† 2, 12*, 20† 3, 13*, 21†	1, 11*, 19† 4, 14*, 22† 2, 12*, 20† 4, 14*, 22†	1, 11*, 19† 5, 15*, 23† 2, 12*, 20† 5, 15*, 23†	- 6, 16*, 24† -	- 1, 11*, 19† 7, 17*, 25† 7, 17*, 25† 7, 17*, 25†	- 1, 11*, 19† 8, 18*, 26† 2, 12*, 20† 8, 18*, 26†		
income Seles price asked Rent asked Inclusion of utilities in pent		2 - - -	- - - -			- - 10 -	-		99	
HOUSE HOLD CHARACTERISTICS Mousehold composition by age of head Income in 1969 • action white televated by phymolog facilities	1, 11*, 19†	7, 17*, 25† 2, 12*, 20†	7, 17*, 25t -	7, 17*, 25† 4, 14*, 22†	<b>3</b> , 13*, 21†	7, 17°, 25† 6, 16*, 24†	- 7, 17*, 25†	8, 18*, 26† 3, 13*, 21†		

### INTRODUCTION

#### APPENDIXES

Α.	Area Classifications	App-1
в.	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.)	٧I
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 owneroccupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

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

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

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

### INTRODUCTION—Continued

Derived figures (medians, etc.) .--Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal partsone-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 questionaire, 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

# 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 243.]

page

MAP

Counties, Standard Metropolitan Statistical Areas, and Selected Places X

## **INDEX OF TABLES**

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

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
Total SMCA		Pages	Pages	Pages
Total SMSA York	A B	1 to 9 10 to 18	_	

#### LIST OF TABLES

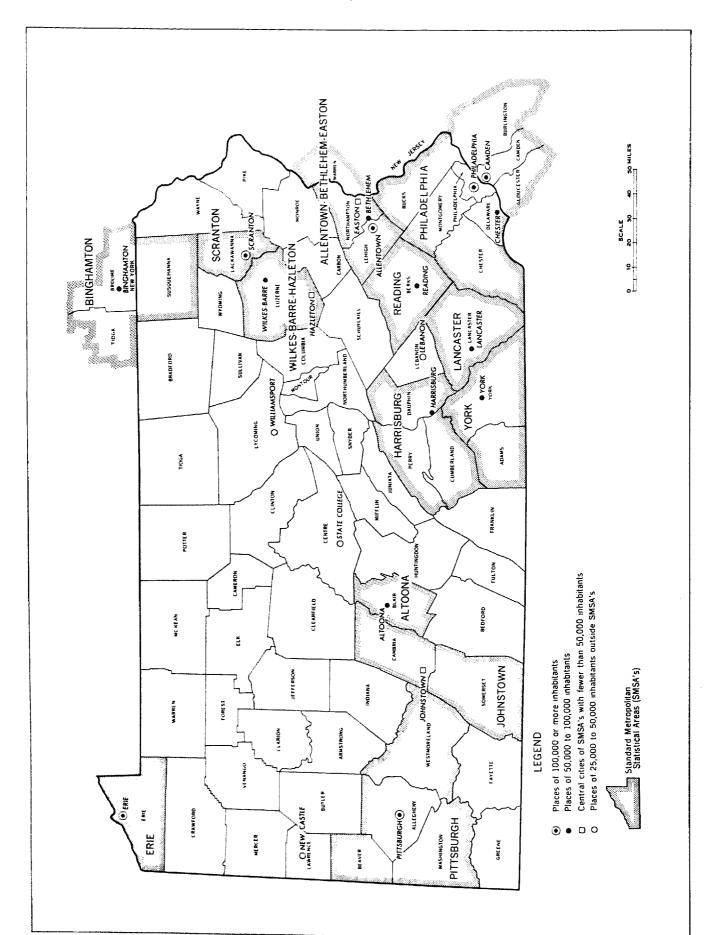
[Tables 11 to 18 are shown if an area has 25,000 or more Negro population and tables 19 to 26 are shown if an area has 25,000 or more population of Puerto Rican birth or parentage]

#### TABLE

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

#### TABLE

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



Counties, Standard Metropolitan Statistical Areas, and Selected Places

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

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

	[0010 00000 0	n sample, see	Text. Tor min	intern buse for	denved ngen	es (percent, n	icolon, elc.) di	in meaning of	ayinooia, ace	(EVI)		
The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied'	60 325	2 479	5 594	6 927	8 710	6 778	13 203	7 962	5 821	2 159	692	14 900
ROOMS           1 and 2 rooms	148 615 5 378 14 642 19 421 10 351 9 770 6.0	73 166 526 516 705 234 259 5.4	9 145 619 1 074 1 941 833 973 6.0	12 88 836 1 422 2 157 1 105 1 307 6.0	14 96 1 075 2 149 2 759 1 345 1 272 5.9	10 38 849 1 980 2 260 925 716 5.7	9 49 1 104 4 465 4 598 1 824 1 154 5.7	16 19 251 2 156 2 873 1 759 888 6.0	5 9 746 1 763 1 621 1 608 6.7	- 5 49 119 294 568 1 124 7.5		5 300 7 400 11 600 15 200 14 900 17 100 16 400 
PERSONS         1 person         2 persons         3 persons         4 persons         5 persons         6 persons or more         Median         Units with roamers, boarders, or lodgers	6 431 18 634 11 746 10 956 6 713 5 845 2.9 913	629 856 316 249 169 260 2.2 109	1 070 1 842 935 707 492 548 2.4 152	1 061 2 188 1 211 1 054 725 688 2.7 151	1 146 3 026 1 593 1 344 853 748 2.6 125	650 2 124 1 315 1 314 662 713 3.0 77	1 008 3 899 2 928 2 599 1 571 1 198 3.1 138	427 2 261 1 713 1 805 1 033 723 3.3 81	325 1 679 1 175 1 274 767 601 3.3 55	89 562 395 476 339 298 3.6 21	26 197 165 134 102 68 3.2 4	11 000 14 200 15 900 16 500 16 300 14 900  10 900
PLUMBING FACILITIES BY PERSONS PER ROOM           With all plumbing facilities           0.50 or less           0.51 to 1.00           1.51 or more           Lecking sense or all plumbing facilities           0.50 to 1.00           1.51 to 1.50	58 360 33 052 23 051 2 001 256 1 965 1 306 522 95 42	1 688 1 098 489 70 31 791 478 222 54 37	5 010 3 198 1 594 189 29 584 385 168 31 -	6 710 4 039 2 358 287 26 217 156 51 10 -	8 536 5 128 3 064 281 63 174 127 42 - 5	6 711 3 531 2 852 308 20 67 52 15 - -	13 119 6 697 5 865 515 42 84 69 15  -	7 940 4 032 3 678 205 25 22 17 5 -	5 799 3 461 2 213 105 20 22 18 4 - -	2 155 1 352 769 34 - 4 4 - - -	692 516 169 7 - - - - - -	15         200           14         700           16         000           13         900           11         700           5         800           6         100           5         600
8EDROOMS None and 1 2 3 4 or more	1 465 13 696 33 083 12 599	371 804 937 303	330 1 487 3 029 1 352	186 1 777 3 135 1 550	211 2 544 4 390 1 909	131 1 686 3 737 1 271	137 3 148 7 954 2 200	37 1 411 5 182 1 189	42 635 3 419 1 524	204 1 027 956	20 273 345	7 900 12 800 15 700 14 800
YEAR STRUCTURE BUILT           1965 to Morch 1970           1965 to 1968           1960 to 1964           1950 to 1959           1940 to 1949           1939 or eatlier	1 516 4 993 6 168 15 425 7 064 25 159	5 37 45 214 248 1 930	30 65 98 359 476 4 566	10 55 121 682 821 5 238	23 153 341 1 547 1 385 5 261	44 263 403 2 162 1 123 2 783	202 1 166 1 812 5 231 1 796 2 996	413 1 223 1 514 2 976 679 1 157	546 1 369 1 267 1 543 347 749	197 548 422 479 150 363	46 114 145 232 39 116	25 600 23 100 20 900 17 500 13 800 10 400
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more	50 518 6 644 557 2 432	1 659 22 5 839	4 625 73 5 720	6 605 148 6 321	8 072 277 13 186	6 268 265 131	12 155 878 19 128	6 694 1 190 27 60	3 730 2 038 78 41	608 1 354 180 6	102 399 224 -	14 200 27 300 45 500 6 300
HOUSEHOLD COMPOSITION Two-er-more-person households Male head, wife present, no nonrelatives 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Under 65 years 66 years and over Female head Under 65 years 65 years and over 65 years and	53 894 48 793 1 219 8 702 12 094 20 589 6 189 1 720 1 145 5 755 3 381 2 155 1 226 6 431 2 411 2 411 2 411	1 850 1 442 12 176 238 642 374 155 85 70 253 170 83 83 629 248 381	4 524 3 713 102 577 672 1 552 810 233 116 117 578 363 215 1 070 340 730	5 866 5 141 1999 847 1 045 2 119 931 211 132 79 514 292 222 222 1 061 366 695	7 544 6 689 173 1 061 1 432 2 997 1 026 309 202 107 566 522 244 1 146 406 740	6 128 5 632 180 1 066 2 306 694 163 124 333 209 124 450 255 395	12 195 11 329 312 2 222 2 994 4 640 1 161 267 208 79 579 406 173 1 008 456 552	7 535 7 053 161 1 399 1 995 2 874 624 185 141 44 297 231 66 427 170 257	5 496 5 193 60 1 034 1 576 2 133 390 113 99 14 190 118 72 325 142 183	2 070 1 986 20 276 580 975 135 43 27 16 41 33 8 8 9 9 26 63	666 615 - 44 176 351 44 21 11 10 300 11 11 19 26 5 21	15         400           15         700           14         200           16         300           17         100           15         700           12         400           13         300           10         500           11         500           11         000           11         600           10         700
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$3,999 \$5,000 to \$5,999 \$5,000 to \$5,999 \$7,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 ar more	4 376 2 157 2 136 2 288 2 452 3 237 13 665 18 836 8 999 2 179 \$10 000	540 195 204 147 145 186 526 380 128 28 \$6 000	769 417 383 352 334 464 1 475 1 092 242 66 \$7 200	799 308 392 348 387 532 1 765 1 788 505 103 \$8 200	758 453 335 422 451 484 2 368 2 558 785 96 \$8 800	419 225 244 262 272 424 1 740 2 392 724 724 76 \$9 700	563 361 290 453 457 687 3 189 5 000 1 968 235 \$10 600	282 116 165 153 247 250 1 588 3 099 1 807 255 \$11 900	166 61 93 128 134 151 791 1 958 1 882 457 \$13 500	69 21 13 13 52 184 486 815 492 \$17 800	11 	10 300 10 900 10 700 11 800 12 000 12 300 13 500 16 200 20 400 30 000
YEAR MOVED INTO UNIT           1969 to March 1970           1965 cod 1966           1965 cod 1966           1960 to 1964           1950 to 1969           1940 re cerlier	4 806 3 959 3 423 5 641 11 407 17 955 12 960	138 107 80 126 351 689 1 034	286 191 154 395 811 1 492 2 094	398 328 303 483 1 059 2 037 2 472	480 476 323 602 1 407 2 549 2 711	425 367 343 632 1 209 2 326 1 362	921 758 814 1 407 2 865 4 601 1 814	823 694 625 965 1 753 2 380 731	914 655 486 768 1 304 1 308 452	347 289 233 187 477 405 210	74 94 62 76 171 168 80	18 800 18 500 18 100 17 000 16 500 14 900 10 800
HEATING EQUIPMENT Steam or hot water Warm-air furnace Built-in electric units Fioor, wall, or pipeless furnace Cther means Nane	22 486 27 537 2 685 3 195 4 412 10	413 639 16 319 1 092 -	1 489 2 158 37 699 1 211 -	2 295 2 958 112 853 709 -	3 160 4 210 103 649 588 -	2 511 3 582 157 274 254	5 161 6 749 725 249 309 10	3 359 3 682 717 87 117 	2 606 2 486 567 55 107 -	1 075 820 238 10 16 -	417 253 13 - 9 -	16 300 15 200 21 300 9 200 7 300 
AIR CONDITIONING Ropm unit(s) Central system None	18 642 3 142 38 367	321 13 2 191	867 35 4 521	1 802 35 5 243	2 400 71 6 077	2 141 182 4 341	4 698 478 8 004	3 160 640 4 171	2 258 821 2 808	699 569 880	296 298 131	16 800 26 400 13 200

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

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

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

The SMSA		Less	\$50	\$60	\$70	\$80	T	T			*200		
The SMSA	Total	than \$50	to \$59	to \$69	to \$79	to \$99	to \$119	tc	to to	to	or	cash	Medion (dollars)
Specified renter occupied	26 532	1 554	1 555	2 735	3 353	6 268	4 084	2 898	1 806	321	55	1 903	89
ROOMS													
1 room	769 1 324 4 742 7 924 4 921 4 197 1 281 1 374 4.3	329 262 306 312 150 121 49 25 3.1	126 221 447 416 166 119 24 36 3.5	145 172 865 839 406 235 58 15 3.7	30 153 837 1 133 635 393 119 53 4.1	58 165 1 051 2 002 1 396 1 141 217 238 4.4	25 167 530 1 238 769 838 246 271 4.6	22 69 402 907 480 563 188 267 4.6			- 16 10 9 - 4 16		54 66 78 90 92 98 105 113
PERSONS							4.0		4.0	0.0		5.4	
l person	7 118 7 465 4 977 3 567 1 734 1 671 2.3 639	981 279 101 89 30 74 1.3 31	874 331 165 81 50 54 1.4 21	1 207 729 455 156 119 69 1.7 91	918 1 055 684 363 146 187 2.2 74	1 193 1 852 1 404 1 000 483 336 2.6 159	605 1 141 735 334 298 2.8 108	491 883 559 418 253 294 2.6 53	250 613 327 328 147 141 2.6 40	10 98 43 90 31 49 3.6 14	21 14 15 5	568 470 268 292 141 164 2.3 48	72 91 93 99 99 102 
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           Locking some or all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           0.50 or less           0.51 to 1.00           1.01 to 1.50	23 692 12 214 10 179 1 029 270 2 840 1 297 1 320 102 121	746 508 194 26 18 <b>808</b> 367 381 - 60	1 143 751 327 54 11 412 238 148 148 12 12 14	2 170 1 333 752 63 22 565 225 278 42 20	3 097 1 666 1 204 165 62 256 99 144 9 4	5 953 2 804 2 797 278 74 315 110 168 24 13	3 943 1 759 1 978 180 26 141 41 85 15	2 862 1 372 1 333 130 27 36 12 24 -	1 785 864 848 63 10 21 4 17 -	321 129 192 - - - - - - -	55 41 14 - - - -	1 617 987 540 70 20 286 201 75 - 10	93 89 97 92 85 61 58 63 67 50-
BEDROOMS								_	_	-	-		50-
None 1 2 3 or more	913 7 335 10 412 7 875	458 682 360 229	131 760 448 169	166 1 241 841 428	42 1 342 1 613 520	40 1 479 2 783 1 917	62 721 2 061 1 385	- 544 843 1 308	282 1 018 596	20 70 158	22 43	14 242 375 1 122	50 76 93 102
YEAR STRUCTURE BUILT 1969 to Morch 1970													
1965 to 1968	552 1 601 1 264 2 267 2 168 18 680	38 45 101 87 1 283	17 21 55 68 1 394	10 27 39 150 189 2 320	18 25 50 204 145 2 911	27 126 147 449 577 4 942	17 257 266 329 453 2 762	93 454 291 378 363 1 319	250 516 280 188 99	69 77 14 34 27	6 10 4 4 -	45 71 107 375 160	164 139 121 99 98
ELEVATOR IN STRUCTURE					2 /11	4 742	2 /02	1 319	473	100	31	1 145	83
4 floors or more With elevator Walk-up 1 to 3 floors	758 527 231 25 777	173 153 20 1 556	87 65 22 1 421	121 41 80 2 555	88 88 3 429	23 23 6 196	77 54 23 4 152	69 25 44 2 626	68 49 19 1 828	30 30 218	22 22 43		20 71 90
								2 010	1 020	210	-5	1 /33	
1 and 1 1/2 2 or more None or also used by another household INCOME IN 1969	22 459 785 3 366	682 817	1 088 8 482	2 044 26 675	3 049 7 287	5 807 74 404	3 787 68 209	2 781 78 102	1 592 111 28	215 135 -	39 15 -	1 375 263 362	92 150 63
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$5,000 to \$4,999 \$5,000 to \$4,999 \$5,000 to \$5,999 \$7,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$25,000 to \$24,999 \$25,000 to \$24,999	3 777 2 009 2 135 1 816 2 051 2 219 5 967 4 965 1 232 361 56 700	596 194 155 101 142 60 147 130 23 6 52 900	421 229 218 120 114 114 114 177 131 15 16 \$3 600	592 281 325 223 182 496 318 60 23 \$4 800	495 309 377 293 329 240 768 416 86 40	617 434 480 462 537 584 1 696 1 226 177 55	296 206 247 236 300 471 1 188 922 177 41	201 116 125 183 181 291 741 768 230 62	111 41 74 64 61 104 413 663 217 58	25 - - 16 32 110 88 44	9 5 	414 194 134 152 152 157 303 276 145 5	71 77 78 84 95 94 103 121 119
YEAR MOVED INTO UNIT		** ***	45 600	34 BUU	\$5 600	\$7 000	\$7 700	\$8 400	\$10 300	\$13 700	••••	\$5 600	
1969 to Morch 1970	8 734 3 857 2 419 2 916 4 044 2 970 1 670	373 147 62 174 232 272 239	230 130 160 178 367 320 193	519 440 216 326 623 410	855 515 365 445 547 438	2 113 986 590 773 980 604	1 662 599 440 379 623 259	1 352 542 316 315 220 122	981 318 136 173 98 18	215 25 25 24 41 20	21 7 20 6	413 148 109 109 307 507	101 91 91 87 82 75
GROSS RENT AS PERCENTAGE OF		1.37	173	211	178	239	102	94	7		-	407	69
Less than 10 percent 10 to 14 percent	3 729 5 985 4 585 2 648 2 715 4 592 2 278	505 254 124 74 197 368 32	345 253 220 127 194 396 20	660 551 351 234 241 635 63	606 912 490 277 372 623 73	923 1 953 1 128 548 644 970 102	371 1 093 1 023 542 374 651 30	193 636 677 458 369 543 22	86 287 485 317 285 321 25	34 46 77 62 39 55	6 10 9 30		76 90 100 102 89 85
								*	[د م	8	-	1 903	80
Room unit(s) Central system None 'Excludes one-family homes on 10 ocres	5 851 7 428 19 331	173 1 326	276 1 302	497 6 2 242	647 20 2 676	1 316 13 4 956	949 73 3 042	863 331 1 767	438 782 511	137 120 93	26 22 6	529 61 1 410	96 165 85

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

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

(0	Data based on	i sample, see t	text. For minir	num base for	derived figure	es (percent, m	edian, etc.) an	d meaning or :	symbols, see 1			
The SMSA	Totol	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 (dollors)
Owner occupied housing units	76 184	6 045	3 104	3 016	3 265	3 306	4 246	17 225	22 442	10 667	2 868	9 600
ROOMS           1 and 2 rooms           3 rooms           4 rooms           5 rooms           6 rooms	351 2 057 8 734 17 768 22 463	95 497 953 1 143 1 588	19 182 517 648 840 898	43 175 541 699 692 866	20 218 593 729 907 798	15 108 588 870 874 851	6 149 713 1 054 1 343 981	76 367 2 259 4 649 5 383 4 491	53 271 2 015 5 795 7 105 7 203	24 64 441 1 922 3 138 5 078	26 114 259 593 1 876	4 900 4 800 7 600 9 400 9 800 11 200
7 rooms or more PERSONS 1 persons 2 persons 3 ond 4 persons 5 persons or more	24 811 9 015 23 944 27 810 8 164 7 251	1 769 3 875 1 623 419 59 69	1 291 1 379 310 51 73	936 1 558 421 60 41	664 1 672 618 166 145	446 1 538 964 217 141	473 1 749 1 335 356 333	837 5 589 6 946 2 197 1 656	311 5 782 10 536 2 970 2 843	95 2 321 5 019 1 688 1 544 70	87 733 1 242 400 406 6	2 500 8 300 11 400 11 600 12 100 5 700
Units with roomers, boarders, or lodgers BEDROOMS Less than 33 4 or more	1 179 21 785 38 609 15 710	299 2 536 2 087 1 015	91 1 353 1 236 673	82 1 436 1 148 660	73 1 582 1 033 377	66 1 322 1 500 429	47 1 572 2 066 751	262 5 317 9 226 2 853	183 4 655 12 873 4 311	1 514 5 733 3 313	498 1 707 1 328	7 600 10 400 11 300
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	2 039 14 239 17 104 42 802	49 530 797 4 669	46 305 367 2 386	52 296 443 2 225	49 413 566 2 237	111 452 598 2 145	108 711 790 2 637	483 3 262 3 823 9 657	754 5 024 5 962 10 702	307 2 601 3 008 4 751	80 645 750 1 393	10 800 11 100 11 000 8 600
YEAR MOVED INTO UNIT 1969 to March 1970 1968	6 473 4 985 25 441 39 285	205 168 1 126 4 761	148 131 466 2 294	202 83 628 2 024	226 176 902 2 017	320 113 910 1 968	415 300 1 320 2 168	1 845 1 444 6 385 7 626	2 092 1 550 8 905 9 988	798 834 3 932 5 143	222 186 867 1 296	9 800 10 300 10 600 8 700
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With air conditioning Room unit(s)	53 827 41 507 14 711 33 192 2 851 26 362 22 746	2 252 1 251 295 1 733 109 1 231 1 087	1 670 942 92 1 102 79 648 611 37	1 823 1 030 318 1 190 15 743 664 79	1 746 1 053 194 1 026 98 890 830 60	1 969 1 259 256 1 366 122 895 840 55	2 478 1 799 511 1 824 99 1 251 1 125 126	12 178 9 484 2 105 7 985 475 5 261 4 681 580	17 446 13 890 4 291 9 876 897 8 269 7 329 940	9 328 8 227 4 663 5 068 634 5 487 4 493 994	2 937 2 572 1 986 2 022 323 1 687 1 086 601	10 800 11 400 14 200 10 200 12 400 11 400 11 000 13 900
Central system Automobiles available: 1 2 3 or more	3 616 34 169 29 310 6 514	144 2 710 468 71	1 793 306 35	2 005 344 5	2 251 631 78	2 069 831 88	2 676 1 167 116	9 723 6 340 852	8 472 11 746 2 042	2 028 6 093 2 494	442 1 384 733	8 100 11 900 14 900
Renter occupied housing units	28 820	3 931	2 110	2 263	1 971	2 274	2 451	6 617	5 429	1 391	383	6 800
ROOMS           1 room           2 rooms           3 rooms           4 rooms           5 rooms           6 rooms or more	774 1 334 4 802 8 146 5 251 8 513	280 438 1 088 998 522 605	130 216 519 568 277 400	47 126 562 745 344 439	43 123 425 642 290 448	108 384 546 490	59 51 345 784 403 809	86 156 776 2 024 1 346 2 229	55 108 571 1 484 1 142 2 069	13 3 78 281 358 658	5 54 74 79 171	2 800 3 100 4 500 6 700 7 700 8 200
PERSONS 1 person 2 person 3 and 4 persons 5 persons 6 persons or more Units with roomers, boarders, or lodgers	7 276 7 898 9 392 2 050 2 204 672	2 754 622 394 72 89 188	1 010 605 421 32 42 79	885 677 482 109 110 56	634 595 511 91 140 94	782 156 197	641 970 209 226	715 1 848 2 853 572 629 88	331 1 758 2 229 629 482 62	49 366 620 147 209 12	27 113 130 33 80	2 900 7 200 8 200 8 900 8 400 4 100
BEDROOMS None 12 3 or more	913 7 454 10 640 9 927	1 930	820 503	144 951 922 446	14 589 636 480	489 941	405 1 104	1 231 3 008	61 862 1 782 2 362	24 42 363 648	135 248 362	3 200 4 000 7 100 8 300
YEAR STRUCTURE BUILT 1969 to Morch 1970 1960 to 1968 1950 to 1959 1949 or earlier	562 2 980 2 383 22 895	228 253	145 147	146 234	27 196 181 1 567	149	289 212	806 535	136 743 468 4 082	52 217 175 947	27 61 44 251	8 500 8 300 7 200 6 500
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 to 1967 1959 or earlier	9 293 4 175 10 177 5 175	415	306	239 809	239 705	311	422	1 090 2 352	1 738 931 2 100 828	359 185 535 358	87 37 93 50	6 700 7 400 7 000 5 800
GROSS RENT AS PERCENTAGE OF INCOME Specified renter eccupied' Less than 15 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	9 714 4 585 2 648 2 715 4 592	23 1 23 171 2 781	7 28 78 8 78 91 526 1 092	115 222 408 839 417	132 414 467 477 203	2 39: 5 69 7 50 5 26 3 4	5 593 1 788 1 433 6 222 6 20	3 294 1 610 546 192 22	23	1 008 65 14	361 351 - - - 5	6 700 10 400 7 200 5 700 3 800 2000 - 4 200
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Home food freezer Owned second home With air conditioning Room unit(s)	11 967 7 044 1 955 4 993 613 7 53	386 2 127 3 40 5 57 1 774	5 100 7 37 1 195 7 62 4 430 5 360	294 38 208 	27: 8/ 23: 40: 37:	2 54 0 9 5 48 - 2 3 42 2 36	9 58 4 34 4 36 2 6 4 64 4 57	7 1 972 8 565 8 1 440 5 242 6 1 736 2 1 395	1 950 459 1 217 2 124 5 2 038 7 1 53	692 416 4 316 4 43 3 618 1 414	244 98 129 120	9 000 10 000 8 300 8 300 8 300 7 800
Room unit(s) Centrol system Automobiles available: 1 3 or more	1 46: 14 72: 6 62: 99:	5 89 3 1 224 7 16	6 884 6 120	40 1 117 1 181	1 26	3 1 42 5 32	3 1 50 8 53	9 4 00	2 73	8 458 1 699	103	7 000

Excludes one-family homes on 10 acres or more.

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

	[Data based on	sample, see text.	For minimum	base for derive	ed figures (perc	ent, median, e	tc.) and meaning	of symbols, se	e text]		
			With al	plumbing facil	ities			Lacking some	or all plumbin		
The SMSA	latoT	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	76 184	72 927	41 392	28 542	2 624	369	3 257	2 265	766	160	66
PERSONS           1 person           2 persons           3 persons           4 persons           5 persons           6 persons or more           Median	9 015 23 944 14 591 13 219 8 164 7 251 2 9	7 927 22 923 14 158 12 956 7 980 6 983 2.9	7 917 22 103 8 673 2 049 650 2.1	10 800 5 457 10 799 6 993 4 483 4.2	17 104 291 2 212 6.6	- 20 11 4 288 7.5 +	1 088 1 021 433 263 184 268 2.0	1 070 902 261 27 5 -	18 119 161 213 136 119 3.9	5 16 23 116 6.3	- 6 7 20 33 
Units with roomers, boorders, or kodgers, YEAR STRUCTURE BUILT 1965 to March 1970, 1965 to 1968, 1960 to 1964, 1950 to 1959, 1940 to 1949, 1939 pr earlier,	1 179 2 014 6 809 7 701 16 703 7 586 35 371	1 096 2 007 6 743 7 572 16 429 7 303 32 944	594 1 008 3 269 3 451 8 169 4 274 21 374	947 3 251 3 749 7 379 2 764 10 438	75 44 217 356 718 230 1 028	31 6 16 163 35 104	83 7 66 129 274 283 2 427	43 23 35 121 160 1 869	29 29 53 120 93 475	11 7 33 19 17 58	- 7 8 14 13 25
INCOME IN 1969 Less than \$2.000 \$2.000 to \$2.999 \$4.000 to \$3.999 \$4.000 to \$4.999 \$5.000 to \$5.999 \$6.000 to \$5.999 \$7.000 to \$6.999 \$1.0,000 to \$14.999 \$15.000 to \$24.999 \$15.000 to \$24.999 \$25.000 or more Median	6 045 3 104 3 016 3 265 3 306 4 246 17 225 22 442 10 667 2 868 \$9 600	5 168 2 803 2 730 3 024 3 156 3 994 16 643 22 085 10 510 2 814 \$9 800	4 795 2 468 2 387 2 292 2 265 2 512 8 306 9 746 4 946 1 675 \$8 400	348 297 319 634 787 1 299 7 439 11 258 5 092 1 069 \$11 400	21 33 9 87 72 173 810 953 396 70 \$10 600	4 5 15 11 32 10 88 128 76 \$10 800	877 301 286 241 150 252 582 357 157 54 \$4 700	825 274 225 164 89 147 320 131 53 37 \$3 100	42 21 49 71 29 77 227 156 77 17 \$8 200	10 - - - - - - - - - - - - - - - - - - -	6 12 6 17 10 9 9
VALUE-INCOME RATIO Specified owner occupied 1.5 to 1.9 2.0 to 2.4 5.5 to 2.9 3.0 to 3.9 4.0 or more Not computed	60 325 26 919 11 346 7 159 3 709 3 752 6 926 514	58 360 25 929 11 168 6 998 3 638 3 596 6 549 482	<b>33 052</b> 12 305 5 810 3 956 2 240 2 585 5 728 428	23 051 12 285 4 941 2 815 1 288 931 755 36	<b>2 001</b> 1 175 375 217 90 80 46 18	<b>256</b> 164 42 10 20 - 20	1 <b>965</b> 990 178 161 71 156 377 32	1 306 448 133 136 60 151 346 32	522 420 40 19 11 5 27	95 85 - - 4 -	42 37 5 - - - -
HEATING EQUIPMENT Stepm or hot water	28 578 33 759 3 316 3 859 6 646 26	28 125 33 057 3 234 3 617 4 879 15	17 469 17 462 1 553 2 178 2 720 10	9 814 14 085 1 552 1 267 1 819 5	762 1 330 114 159 259	80 180 15 13 81 -	453 702 82 242 1 767 11	315 461 72 183 1 223 11	119 174 59 410 -	7 51 6 96	12 16  38 
Renter occupied housing units	28 820	25 670	13 030	11 148	1 197	295	3 150	1 449	1 436	139	126
PERSONS i persons 2 persons 3 persons 4 persons 5 persons 6 persons 6 persons 1 destan 1 dest	7 276 7 898 5 403 3 989 2 050 2 204 2 4 672	5 799 7 248 5 047 3 746 1 915 1 915 2.5 559	5 606 5 503 1 419 396 106 1.7 198	193 1 734 3 559 3 168 1 485 1 009 3.5 322	- 69 175 264 689 5.8 25	11 - 60 217 7.0 14	1 477 650 356 243 135 289 1.7 113	978 368 78 14 11 - 1.2 31	499 233 259 204 92 149 2.4 61	12 20 10 97 6.2	49 7 5 22 43 4.6 21
YEAR STRUCTURE BUSLT 1945 to Morch 1970 1945 to 1968 1946 to 1946 1958 to 1954 1958 to 1959 1940 to 1949 1939 or earlier	540 1 610 1 413 2 397 2 305 20 555	508 1 566 1 406 2 284 2 149 17 816	245 812 599 1 031 874 9 403	232 693 716 1 001 1 127 7 430	17 54 84 178 104 826	14 7 7 74 44 157	32 44 7 113 156 2 739	19 16 7 44 47 1 281	13 21 	- - 8 21 118	7 29 11 87
INCOME         IN 1969           Less than \$2 000         \$2 005 th           \$2 005 th         \$2 999           \$3 000 th         \$3 999           \$5 000 th         \$5 999           \$5 000 th         \$1 999           \$1 000 th         \$14 999           \$1 5 000 th         \$24 999           \$25 5000 th         \$24 999	3 931 2 110 2 263 1 971 2 274 2 451 6 617 5 429 1 391 383 \$6 800	2 970 1 740 1 967 1 752 1 995 2 238 6 168 5 128 1 340 372 \$7 100	2 335 1 209 1 274 1 028 1 016 1 000 2 442 2 054 523 149 \$5 700	580 481 600 606 802 1 067 3 331 2 764 752 165 \$8 300	45 28 66 93 147 131 327 273 42 45 \$7 800	10 22 27 25 30 40 68 37 23 13 13 \$6 800	961 370 296 219 279 213 449 301 51 11 \$3 800	603 198 166 99 94 99 113 67 4 52 600	318 159 104 106 156 85 260 201 47 - \$5 200	18 13 9 16 7 49 27 - \$7 400	22 13 13 13 13 22 27 6 - 5 \$5 800
GROSS RENT AS PERCENTAGE OF INCOME Specified marker occupied' Letts Water 10 percent 10 to 14 percent 20 to 24 percent 20 to 34 percent 25 to 36 percent 25 percent or more Not computed HEATING EQUIPMENT	<b>26 532</b> 3 729 5 985 4 585 2 648 2 715 4 592 2 278	23 692 3 140 5 519 4 333 2 438 2 419 3 934 3 934 3 909	12 214 1 214 2 306 1 962 1 259 1 446 2 867 1 160	10 179 1 691 2 896 2 064 1 025 885 986 632	1 029 172 246 252 146 57 65 91	270 63 71 55 8 31 16 26	2 840 589 466 252 210 296 658 369	1 297 145 182 123 117 144 375 211	1 320 361 229 129 83 139 235 144	102 35 26 10 9 18 4	121 48 29 - 4 30 10
Limited to use formely founds	8 063 1 302 1 398 5 657 54	11 240 7 661 1 278 1 292 4 163 36	6 434 3 606 589 564 1 829 8	4 311 3 599 595 667 1 952 24	397 402 75 49 274 –	98 54 19 12 108 4	1 096 402 24 106 1 494 28	409 188 5 49 783 15	613 185 10 57 566 5	27 10 102	47 39 9 - 43 8

Limiting to sime family howed at less than 10 acres and no business on property. Excludes one-family homes on 10 acres or more.

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

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

	(Data based on san	nple, see text.	For minimum bo	se for derived fig	gures (percent, n	nedian, etc.) and T	mearing or sym	Jois, see lokij		
The SMSA	Total	l room	2 rooms	3 rooms	4 rooms	5 rooms	ó rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	76 184	78	273	2 057	8 734	17 768	22 463	12 356	12 455	5.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct occess	72 073	47	170	1 726	7 778	16 942	21 793	11 788	11 829	5.9
PERSONS				840	1 668	1 690	2 389	1 022	1 251	5.6
) person2 persons	9 015 23 944	28 20	127 108	811	4 042	6 120 3 810	6 773 4 307	3 249 2 379	2 821 2 248	5.6 5.9
3 persons	14 591	17 4	22 7	225 120	944	3 171	4 391 2 677	2 506 1 544	2 076 1 850	6.0 6.2
5 persons	8 164	9	9	48 13	314	1 713	1 926	1 656	2 209 3.5	6.6
6 persons or more Medion	2.9		1.6	1.7	2.2	2.8	3.0	3.3	3.5	
PLUMBING FACILITIES BY PERSONS PER ROOM					8 157	17 241	21 775	11 828	11 969	5.9
With all plumbing facilities 0.50 or less	72 927 41 392	54	1 <b>73</b> 71	1 730 656	5 317	7 525	12 982 8 033	6 224 5 322	8 617 3 249	6.0 5.8
0.51 to 1.00	28 542	10	80 17	925 104		1 046	698	262	103	5.3 4.8
1.01 to 1.50 1.51 or more	369	44	5	45 327			62 688	20 528	486	5.6
Liscking some or all plumbing facilities	3 257	24	56	184	393	285	487 169	426 90	434 52	5.9 5.1
0.51 to 1.00 1.01 to 1.50	766	18	5	111	40	55	32	12	-	4.8
1.51 or more		6	1 11	16	10	23	-	_		
BEDROOMS						249	132	79	108	3.5
None and 1	3 381	105	316	1 258 571	7 696	6 284	2 765	762 6 743	326 3 595	4.6 6.0
3	38 609	-	1 -		504	10 766 259	17 001 2 337	4 667	8 447	7.5+
	- 13 /10			Ì						
YEAR STRUCTURE BUILT 1969 to March 1970	2 039	5	23	41			481 3 324	311 2 058	358 2 128	5.8 5.6
1960 to 1968	14 239	22		402	2 795	5 658	4 965	2 095	1 075 8 894	5.4 6.2
1950 to 1959 1949 or earlier		23 28	142	1 174	3 698	3 7 281	13 693	/ 042	6 674	0.1
COMPLETE BATHROOMS							20 098	9 617	7 950	5.8
1 and 1 1/2	- 63 025 9 216	47	158	1 530	2 355	5 825	1 726	2 178	3 898 603	7.2 5.5
2 or more None or also used by another household		26		378	696	5 753	829	568	000	5.5
VALUE-INCOME RATIO							19 421	10 351	9 770	6.0
Specified owner occupied'		<b>49</b> 11		615 303		6 397	8 975	4 414	4 271 1 744	6.0 6.0
Less than 1.5	11 346	4	15	85	5 860		3 631 3 400	2 096 1 862	1 959	6.0 6.0
20 to 2.9		21 13			1 14	4 2 520	3 275 140	1 885	1 701 95	6.0 6.0
Not computed		-				,				
Renter occupied housing units	28 820	774	1 334	4 802	2 8 14	6 5 251	4 773	1 782	1 958	4.4
Units with 1 or more bathrooms and complete kitchen facilities for exclusion	/e				a 735	4 754	4 354	1 468	1 733	4.5
use, and direct access		123	8 869	4 208	5 735					
PERSONS			972	2 18	5 1 96	2 778	394		121	3.4 4.2
1 person 2 persons	7 898	692 60	265	1 70	2 2 60			328	273 225	4.5
3 persons	5 403	-	7 81	5 19	5 1 11	3 885	1 010		410 363	5.3 5.9
6 persons or more	2 050	-			7 18	9 341	611	411	566 4.4	6.3 
Medion	- 2.4	1.1	1.1	2 1.4	6 2.	3				
PLUMBING FACILITIES BY PERSONS PER ROOM	1 1			4 26	7 50	6 4 892	4 438		1 781	4.5 4.4
With all plumbing facilities		21	- 70-	1 90	9 4 17	4 2 16			1 043 709	4.6
0.51 to 1.00 1.01 to 1.50	11 148	19	3 18-	9 17	5 34	7 27	2 235	70	25	4.5 3.5
1.51 or more	295	2 55			1 64	0 35	335	177	177	3.7 4.0
Locking some or all plumbing facilities		49	26	3 27		3 16	143	86	64 10	3.2
0.51 to 1.00 1.01 to 1.50	[ 139]		1:	2 2	0 2	8 2	27	- 4	-	2.6
1.51 or more	126	5	•							
BEDROOMS	913	79	3 8	6 3				20		1.1
Nane	7 454		1 13			8 3 16	5 90	133	103 1 852	4.3 6.2
23 or more	10 040		-	-	- 18	2 11	3 3 96	1 820	1 0.51	
YEAR STRUCTURE BUILT						10	4 7		17	4.1
1969 to March 1970	562	7	- 5 0 13		1 1 36	72	6 20	7 48		
1960 to 1968 1950 to 1959	2 383	5	2 7	0 35			3 33 8 415	•		
1949 or earlier	22 895	69	- 10/	`						
COMPLETE BATHROOMS	D. 202	21	4 92	4 4 21	5 7 2					6.4
l and l 1/2	948		_ 1	3 3	30   11			*I		
None or also used by another household	3 670	53	"  44			[			ł	
GROSS RENT AS PERCENTAGE OF INCOME	26 532	76	9 1 32	4 4 74						4.5
Specified rester occupied?	3 729	18	11	3 50	51 91	84 78 38 1.27	4 104	9 301	30	4.5
10 to 14 percent	4 585	5	4 17	9 7	14 14	05 88 56 48	17 40	110	15	5 4.3
20 to 24 percent25 to 34 percent	[ Z 040	10		2 60	03 9	79 3	32 31	111	7 13	3.8
35 percent or more	~	21			77 13 42 4		4			5.1
Not computed	2 2/6			udes one-family						

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

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

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

The Chick		Owner or	cupied		Renter occupied									
The SMSA	Total	l unit	2 units or more	Mobile home or trailer	Total	l unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobãe home or trailer		
All occupied housing units	76 184	68 512	3 703	3 969	28 820	12 250	6 287	4 621	2 278	1 440	906	1 038		
ROOMS														
rooms     r	78 273 2 057 8 734 17 768 22 463 12 356 12 455 5.9	49 109 730 5 852 15 944 21 639 12 091 12 098 6.0	14 67 629 900 796 685 255 357 4.8	15 97 698 1 982 1 028 139 10 - 4.1	774 1 334 4 802 8 146 5 251 4 773 1 782 1 958 4,4	67 167 688 2 189 2 451 3 262 1 580 1 846 5.7	10 127 1 341 2 271 1 300 1 039 137 62 4.2	133 425 1453 1649 623 257 55 26 3.7	201 272 590 712 408 78 6 11 3.6	150 129 278 538 239 102 4 3.8	207 151 161 274 86 14 	6 63 291 513 144 21 - 3.8		
With all plumbing facilities	72 927	65 775	3 376	3 776	25 670	10 893	5 731	4 178	1 665		714			
0.50 or less	41 392 28 542 2 624 369 3 257 2 265 766 160 66	37 379 25 772 2 327 2 97 2 737 1 918 651 114 54	2 273 997 82 24 <b>327</b> 255 57 10 5	1 740 1 773 215 48 193 92 58 36 7	13 030 11 148 1 197 295 3 150 1 449 1 436 139 126	5 094 5 018 647 134 1 357 741 473 95 48	2 913 2 525 238 55 556 289 237 22 8	2 447 1 571 127 33 443 205 211 17 10	1 885 1 052 761 63 9 <b>393</b> 148 226 5 14	1 275 687 561 14 13 165 36 98 - 31	716 471 209 19 17 190 5 175  10	992 366 503 89 34 46 25 16 - 5		
None 12 23 3 4 or more	187 3 194 18 404 38 609 15 710	106 1 665 14 999 36 827 15 368	62 967 1 156 1 061 327	19 562 2 249 721 15	913 7 454 10 640 7 179 2 748	109 977 3 645 5 161 2 633	2 093 2 784 1 357 99	228 2 187 1 758 253 16	211 1 131 941 147	171 562 640 96	194 339 179 -	- 165 693 165 -		
YEAR STRUCTURE BUILT 1969 to March 1970	0.000													
1965 to 1968         1960 to 1964         1950 to 1959         1940 to 1949         1939 or eorlier         INCOME IN 1969	2 039 6 664 7 575 17 104 7 757 35 045	1 619 5 270 6 527 16 201 7 490 31 405	6 63 39 98 163 3 334	414 1 331 1 009 805 104 306	562 1 653 1 327 2 383 2 231 20 664	99 472 495 1 564 1 213 8 407	32 64 70 167 416 5 538	27 86 54 154 276 4 024	43 211 102 83 145 1 694	311 324 232 95 36 442	28 277 98 43 33 427	22 219 276 277 112 132		
Less than \$2,000	6 045	5 059	580	406	3 931	1 335	814	847	451	223	149	112		
\$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$4,999 \$5,000 to \$4,999 \$7,000 to \$4,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	3 104 3 016 3 265 3 306 4 246 17 225 22 442 10 667 2 868 \$9 600	2 627 2 536 2 648 2 809 3 680 15 364 20 879 10 143 2 767	304 288 337 211 231 716 623 346 67	173 192 280 286 335 1 145 940 178 34	2 110 2 263 1 971 2 274 2 451 6 617 5 429 1 391 383	696 832 774 965 1 091 3 032 2 524 816 185	461 541 364 570 559 1 582 1 119 226 51	425 446 385 310 358 937 744 121 48	273 209 192 148 175 441 280 80 29	223 92 87 90 109 75 276 380 77 31	147 70 64 61 70 56 155 195 62 24	93 84 105 102 137 194 187 9 15		
YEAR MOVED INTO UNIT	39 OUU	\$9 900	\$6 600	\$7 800	\$6 800	\$7 400	\$6 700	\$5 700	\$5 100	\$7 500	\$6 700	\$6 200		
1969 to March 1970 1968 1967 1965 ond 1966 1960 to 1964 1950 to 1954 1950 to 1959 1959 or earlier	6 473 4 985 4 290 7 242 13 909 19 427 19 858	5 301 4 269 3 727 6 243 12 578 18 283 17 964	243 156 120 289 453 781 1 735	929 560 443 710 878 363 159	9 293 4 175 2 567 3 213 4 397 2 948 2 227	3 233 1 665 1 058 1 522 2 034 1 419 1 248	1 788 1 040 656 698 1 037 710 428	1 636 657 356 555 723 449 288	910 244 163 195 301 216 168	789 220 71 122 91 77 22	369 196 149 70 112 57 7	568 153 114 51 99 20 66		
GROSS RENT Specified renter occupied				1										
Less than \$50 \$50 to \$59 \$60 to \$69 \$70 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or more No cash rent	···· ···· ··· ··· ··· ···	···· ···· ···· ····	····		26 532 1 554 1 555 2 735 3 353 6 268 4 084 2 898 1 806 321 55 1 903	9 962 472 412 677 927 2 075 1 846 1 285 680 157 24 1 407	6 287 259 355 854 1 146 2 085 818 406 84 17 - 263	4 621 291 448 691 789 1 286 610 278 156 16 - - 56	2 278 259 211 301 311 454 287 217 175 15 - 48	1 440 142 36 77 67 103 111 308 500 80 -	906 62 55 30 49 210 150 36 31 9	1 638 69 38 40 83 216 233 194 61 - 104		
HEATING EQUIPMENT		•••	·••		\$89	\$97	\$83	\$81	\$81	\$137	\$118	\$102		
Steam or hot water Warm-oir furnace Built in electric units Floor, wall, or pipeless furnace Other means None AIR CONDITIONING	28 578 33 759 3 316 3 859 6 646 26	26 200 29 986 3 145 3 533 5 622 26	2 313 895 40 155 300	65 2 878 131 171 724 -	12 336 8 063 1 302 1 398 5 657 64	3 493 3 984 415 850 3 454 54	3 417 1 467 103 252 1 044 4	3 007 672 176 128 638	1 452 431 212 32 145 6	537 615 192 59 37	415 279 160 26 26	15 615 44 51 313 -		
Room unit(s) Central system	22 746 3 616	20 362	1 390	994	6 066	2 159	1 492	1 085	452	269	399	110		
None	49 822	3 385 44 618	75 2 312	156 2 892	1 465 21 289	295 9 725	14 4 851	60 3 519	168 1577	682 441	223 338	210 23 838		
	34 169 29 310 6 514 6 191	30 015 27 004 6 165 5 181	) 945 854 216 762	2 209 1 452 133 248	14 728 6 627 997 6 468	6 060 3 336 582 2 201	3 416 1 408 149 1 384	2 204 871 113 1 476	1 113 279 54 751	779 324 35 254	481 168 19 292	675 241 45 110		

Excludes one-family homes on 10 acres or more.

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

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

L. L		on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of sympols, see text; Two-or-more-person households										One-person households	
	-	M	ale head, wife	present, no n			Other moi	e head	Female I	nead			
The SMSA	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	
Owner occupied housing units	76 184	2 020	10 686	14 342	25 459	7 935	1 516	801	2 835	1 575	3 589	5 426	
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00	<b>72 927</b> 41 392 28 542	1 <b>991</b> 907 1 043	10 491 2 720 6 956	14 079 3 352 9 398	<b>24 698</b> 15 541 8 538	7 441 6 438 950	1 406 835 521 50	726 608 102	2 719 1 802 864 48	1 449 1 272 160 17	3 242 3 236 6	4 685 4 681 4 -	
0.51 to 1.50 1.51 or more tacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	2 624 369 3 257 2 265 766 160 66	35 6 <b>29</b> 16 13 - -	700 115 <b>195</b> 48 114 33 -	1 170 159 <b>263</b> 42 148 50 23	551 68 <b>761</b> 406 271 59 25	53 	110 69 37 4	16 75 51 24 - -	5 116 48 41 14 13	126 95 31 -	- 347 334 13 -	741 736 5 - -	
UNITS IN STRUCTURE 1 2 or more	68 512 3 703 3 969	1 351 109 560	9 504 314 868	13 627 293 422	23 834 875 750	7 141 570 224	1 399 63 54	720 37 44	2 375 205 255	1 394 155 26	2 696 391 502	4 471 691 264	
INCOME IN 1969 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 \$5,999 \$1,000 to \$5,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$25,000 or more Median	6 045 3 104 3 016 3 265 3 306 4 246 17 225 22 442 10 667 2 868 \$9 600	31 42 36 101 122 164 839 645 35 5 \$8 800	50 46 144 390 569 3 648 4 542 1 037 212 \$10 500	78 50 86 202 247 571 3 478 6 087 2 909 634 \$12 000	299 314 348 591 860 1 372 5 670 8 762 5 651 1 592 \$11 900	830 928 1 092 950 704 569 1 255 943 498 166 \$5 200	104 14 46 52 50 104 515 358 185 88 \$9 300	154 56 61 112 53 58 131 90 59 27 27 \$5 300	259 192 239 315 247 616 528 113 32 \$6 500	365 171 124 155 119 236 176 85 25 \$4 800	742 310 470 426 323 349 697 174 637 174 55 \$4 600	3 133 981 466 238 123 124 140 137 32 \$2000 -	
VALUE-INCOME RATIO           Specified owner occupied'           1.5 to 1.9           2.0 to 2.4           2.5 to 2.9           3.0 to 3.9           4.0 or more           Not computed	60 325 26 919 11 346 7 159 3 709 3 752 6 926 514	1 219 531 294 163 76 92 57 6	8 702 3 818 2 140 1 411 596 495 231 11	12 094 6 331 2 703 1 440 768 480 357 15	20 589 11 702 4 093 2 252 972 799 723 48	6 189 1 667 883 773 573 867 3 365 61	1 145 576 219 118 50 72 76 34	575 243 83 38 42 43 121 5	2 155 816 334 257 143 191 348 66	1 226 398 138 107 99 91 377 16	2 414 588 262 350 195 255 644 120	4 017 249 197 250 195 367 2 627 132	
	28 820	3 699	5 328	2 735	3 912	1 351	910	245	2 916	448	4 250	3 026	
Renter occupied housing units PLUMBING FACILITIES BY PERSONS PER ROOM With all plombing facilities 0.50 or less 0.51 to 1.00	25 670 13 030	<b>3 544</b> 1 182 2 228	5 073 1 146 3 424	2 540 487 1 620	<b>3 566</b> 1 963 1 461 113	1 199 833 354 6	334	183 135 48	2 585 982 1 391 148	<b>389</b> 287 95 7	<b>3 403</b> 3 264 139	2 396 2 342 54	
1.01 to 1.50 1.51 or more Lacking some or all plansbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	295 3 150 1 449 1 436 139	112 22 155 5 120 27 3	428 75 255 27 190 18 20	343 90 1 <b>95</b> 11 102 68 14	29 346 140 176 14	6 152 103 44 5	9 118 32 57	- 62 48 14 -	64 331 61 223 12 35	59 44 13 -	847 511 336 -	<b>630</b> 467 163  -	
UNITS IN STRUCTURE 1	12 250 10 908	474 58	2 614 1 783 622 86 223	1 867 640 92 27 109	2 214 1 153 355 116 74	606 501 143 85 16	311	162 64 15 4	1 268 1 144 388 44 72	209 165 64 5	1 928 958 242	840 1 441 481 212 52	
Mobile home or troiler           GROSS RENT           Specified ranter eccupied?           Less than \$50           \$50 to \$59           \$40 to \$69           \$100 to \$199           \$100 to \$149           \$20 to \$299           \$20 to \$299           \$20 to \$299           \$300 or more           No cosh rent	26 532 1 554 1 555 2 733 3 355 6 268 4 08- 2 894 1 804 32 5 5	<b>3 507</b> 33 87 283 450 1 112 791 450 173 21	4 730 90 87 908 490 1 287 900 679 581 81 5 222	526 357 353 218 67 15	3 414 122 143 296 407 692 621 395 280 104 	7	2 38 3 47 6 71 8 91 9 201 7 138 0 107 6 73 1 3 0 4	16 24 48 47 13 5 	276 143 19		3         494           419         419           3         694           40         598           5         447           2         365           2         198           5         -           -         5	2 975 487 455 513 320 435 158 126 52 10 16 403	
GROSS RENT AS PERCENTAGE OF INCOM BY INCOME Specified renter eccupied? Less than \$5,000. Less than 20 percent 20 to 24 percent 35 percent or more Not computed \$5,000 to \$99,999 Less than 20 percent 35 percent or more Not computed 35 percent or more Still,000 to \$14,999 Less than 20 percent 20 to 24 percent 20 to 24 percent Still,000 to \$14,999 Less than 20 percent 25 percent or more Not computed \$10,000 to \$14,999 Less than 20 percent 25 percent or more still,000 or more Not computed Still,000 or more Not computed Still,000 or more Less than 20 percent Less than 20 percent	E 26 53 9 73 1 00 2 98 2 2 01 4 49 1 24 1 24 1 24 1 24 1 24 1 24 1 24 1 24 1 68 - 4 99 - 4 99 - 4 49 - 1 24 - 1 24 - 1 0 37 - 4 99 - 4 49 - 1 4 49 - 1 24 - 2 01 -	7 537 3 28 9 61 2 174 1 2 18 1 1581 0 33 0 151 4 9 2 64 7 2 18 1 581 0 33 0 151 4 9 2 64 7 55 6 755 6 755 6 765 7 26 8 - 755 7 55 7 55	135 58 2 405 1 725 1 65 1 65 1 46 1 59 1 46 1 59 3 46 3 34 7 34	$\begin{array}{c} 134 \\ 27 \\ 7 \\ 7 \\ 39 \\ 26 \\ 26 \\ 26 \\ 26 \\ 26 \\ 26 \\ 26 \\ 2$	412 81 75 83 106 67 1 306 9925 1306 9925 14 1305 9925 14 1305 10 10 10 10 10 10 10 10 10 10 10 10 10	: 63 6 6 6 7 22 2 21 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5	99 31: 77 52 29 21 20 22 21 20 22 21 20 22 21 22 22 23 24 24 25 24 25 24 25 24 25 24 25 24 26 24 26 26 26 26 26 26 26 26 26 26	3 141 7 - 3 22 9 18 1 65 5 32 7 7( 4 4	1 809 1 809 1 209 2 209 2 748 2 194 2 748 2 194 0 748 5 133 	23 22 1 1 1 1 1 1 1 1 1 2 2 2 4 4 4 4 4 4	5         4         143           16         2         498           14         2453         3         335           15         1         011         448           15         1         011         1022           14         255         1         344           16         1         022         102           16         188         88         102         102           19         30         255         30         255           30         255         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -           -         -         -         -         -         -	2 663 136 134 362 1 597 434 209 143 245 3 11 5 16 72 72 75 6  10 - 4 1 31  1 31        -	

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

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

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

	[Dold based on	somple, see lext.	FOR MINIMUM bi	use for derived fi	gures (percent, i	median, etc.) and	meaning of symt	ools, 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	76 184	9 015	23 944	14 591	13 219	8 164	4 072	2 074		
BEDROOMS					15 217	0 104	4 0/2	2 0/4	1 105	2.9
None and 1	18 404	1 271 3 081	1 515 8 788	280 3 661	101 2 049	148 603	42 122	24 79	21	1.8 2,2
4 or more	15 710	3 280 1 193	10 331 3 713	8 267 2 452	8 999 2 099	4 624 2 469	2 110 1 800	642 1 104	356 880	3.2 3.7
YEAR STRUCTURE BUILT 1969 to March 1970	2 039	123	544	563	425					
1965 to 1968	- 6 664 - 7 575	424 559	1 571	1 605	1 640	260 871 1 024	62 386 544	42 129 175	20 38 52	3.1 3.3
1950 to 1959 1940 to 1949 1939 or earlier	7 757	1 342 908	5 445 2 642	3 581 1 555	3 275	1 937	822 382	480 125	222 115	3.4 3.0 2.7
UNITS IN STRUCTURE	35 045	5 659	11 825	5 816	4 742	3 346	1 876	1 123	658	2.5
1	3 703	7 167 1 082	21 187 1 430	13 275	12 239	7 654	3 918	1 980	1 092	2.9
Mobile home or trailer	3 969	766	1 327	434 882	376 604	264 246	75 79	33   61	9	2.3 2.4
COMPLETE BATHROOMS 1 and 1 1/22 2 and 2 1/2	63 025	7 297	20 184	12 268	10 911	6 631	3 295	I 621	818	2.8
3 or more None or also used by another household	604	595 108	2 104 244	1 536 173	1 696 165	1 320 90	623 61	288 42	158	3.5
HOUSEHOLD COMPOSITION		1 153	1 279	554	427	202	114	158	56	2.1
Two-or-more-person households Mole head, wife present, no nonrelatives	6 4 4 2		23 944 20 193	14 591 13 134	13 219 12 412	8 164	4 072	2 074	1 105	3.2
Under 25 years	10 484		587	747 2 238	560 3 635	7 767 70 2 294	3 924 34 910	1 979 12 398	1 033	3.3
35 to 44 years 45 to 64 years 65 years and over	25 450		1 239 11 106	2 283 6 674	4 009	2 294 3 268 2 034	1 964	1 007 541	180 572 262	4.1 4.4 27
Other mole head Under 65 years	2 317		6 230 1 212	1 192 478	305 342	101	77	21	9 41	2.7 2.1 2.5 2.9 2.2 2.4
65 years and overFemale head	801		628 584 2 539	362 116	271 71	87 19	85	47 6	36 5	2.9
Under 65 years65 years and over	2 835		1 387	979 721 258	465 391	291 231	63 41	42 38	31 26	2.5
One-person households	9 015	9 015			74 	60 	22	4	5	2.2 1.0
Specified owner occupied'	60 325	6 431	18 634	11 746	10 956	6 713	3 271	1 677	897	2.9
2.0 to 2.4	11 346	837 459	7 375 3 523	6 108 2 370	5 762 2 383	3 488 1 485	1 764 649	995 320	590 157	3.4 3.2
3.0 to 3.9	3 709	600 390 622	2 238	1 451 660	1 397 586	815 417	461 163	143 84	54 50	3.0
4.0 or more Not computed	6 926 514	3 271 252	1 624 2 381 134	566 523 68	464 333 31	236 265	145 89	71 42	24 22	2.3 1.6
Renter occupied housing units				~	51	(	-	22	-1	1.5
BEDROOMS	28 820	7 276	7 898	5 403	3 989	2 050	1 115	648	441	2.4
None	913 7 454	790 3 931	123 2 499	740	120	5		-	_	<u>j.</u> 1
2 3 or more	10 640 9 927	2 176 629	3 375 1 554	2 816 1 798	1 565 2 206	67 561 1 635	76 93 1 089	36 575	21 18 441	1.4 2.4 3.9
YEAR STRUCTURE BUILT 1969 to March 1970	562	12.4						575		5.7
1960 to 1968	1 653	134 366 209	205 656 416	118	65 233	29 66	4 43	7 15	-	2.2 2.2
1950 to 1959 1940 to 1949	f 0.000	357 458	787	290 476 587	247 386	100 192	40 104	12 50	13 31	2.6
1939 or earlier	20 664	5 752	5 298	3 658	2 722	147	93 831	39 525	35 362	2.7
12	12 250 6 287	1 798	2 741	2 263	2 313	1 377	849	521	388	3.2
5 to 9	4 621 2 278	1 576 1 793 942	1 819 1 478 708	1 394 814 209	862 314	387 127	147 54	73 31	29 10	2.4 1.9
20 or more	1 440 906	497 454	532 309	398 218 62	147 148 55	64 18	12 14	777	6	1.8 1.9
Mobile home or trailer	1 038	216	311	254	150	8 69	10 29	4	4	1.5 2.5
1 and 1 1/2	24 202 948	5 434 118	7 013	4 836	3 494	1 735	854	496	340	2.5
None or also used by another household	3 670	1 586	229 797	164 458	165 343	123 146	78 159	60 113	11 68	3.3 1.8
Twe-or-more-person households Male head, wife present, no nonrelatives	21 544	]	7 898	5 403	3 989	2 050	,			
Under 25 years	17 025	•••	5 623 1 288	4 422 1 741	3 366	1 726	1 115 987 16	648 536 10	441 365	3.0
35 to 44 years	5 328 2 735 3 912		1 053	1 304 418	1 565	717 538	401 363	216 241	72 212	2.8 3.7
65 years and over Other male head	1 351		1 928	764 195	545 54	338 22	200	69	68 13	2.5
Under 65 years	910 245		765 547 218	164 156	117 98	48 48	15 15	26 26	20 20	23
female head Under 65 years	3 364 2 916		1 510	8 817 784	19 506 475	276	113	86	56	4.5 2.5 2.1 2.3 2.3 2.1 2.7 2.9
65 years and over Oes-person households	448 7 276	7 276	345	33	31	249 27	105 8	86 -	52 4	2.1
GROSS RENT AS PERCENTAGE OF INCOME Specified renter accupied?	26 532	7 118	7							1.0
10 to 14 percent	3 729	427	7 465 1 189 1 933	4 977 847	3 547 687	1 734 277	871 174	490 55	310 73	2.3 2.8
20 to 24 percent	4 585 2 648	974	1 933	1 417 1 006 498	966 672	502 396	228 174	125	80	2.7
25 to 34 percent 35 percent or more Not computed	2 715 4 592	918 2 632	888	466	404 248 251	185 86 141	80 57	59 37	53 32 15	2.4 2.0
'Limited to one-family homes on less than 1	2 278	754	552	288	339	141	55 103	34 61	23 34	1.4 2.2

'Limited to one-family homes on less than 16 ocres and no business on property. *Excludes one-family homes on 10 ocres or more.

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

-									
The SMSA	Total	Less than 2 months	2 up to 6 months	6 months or more	The SMSA	Totol	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	563	137	195	231	Vacant for rent	1 057	361	304	392
ROOMS					ROOMS				
1 to 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms or more	40 68 155 132 168	7 15 32 37 46	3 19 68 53 52	30 34 55 42 70	1 room 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms	16 81 194 246 163 208	25 89 93 42 72	12 52 31 84 41 57	4 4 74 69 80 79
PLUMBING FACILITIES			1.0	187	7 rooms or more	149	40	27	82
With all plumbing facilities Lacking some or all plumbing facilities	486 77	130 7	169 26	44	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities Lacking some or all plumbing facilities	937 120	334 27	244 60	359 33
None and 1 2 3 4 or more	21 202 194 176	21 90 63 58	- 24 63 37	- 88 68 81	BEDROOMS				
YEAR STRUCTURE BUILT					None 1 2	12 220 245	104 103	12 104 63	12 79
1969 to March 1970 1960 to 1968 1950 to 1959	82 86 64 331	21 27 17 72	31 32 31 101	30 27 16 158	3 or more	345	76	63	296
UNITS IN STRUCTURE	497	127	168	202	1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	30 129 79 819	12 26 28 295	24 30 250	18 79 21 274
2 or more	66	10	27	29					
HEATING EQUIPMENT							144	123	254
Steam or hot water Warm-air furnace Built-in electric units Floor, walt, or pipeless furnace Other means None	218 220 19 26 65 15	71 46 - 4 16	90 74 7 8 12 4	57 100 12 14 37 11	12 to 45 to 9 5 to 9 10 to 19 20 or more	521 330 135 42 29	144 55 18	113 44 18	73 36 18
SALES PRICE ASKED					RENT ASKED				
SALES PRICE ASKED           Specified vacant for sale1           Less than \$5,000           \$5,000 to \$9,999           \$10,000 to \$14,999           \$20,000 to \$19,999           \$20,000 to \$14,999           \$20,000 to \$24,999           \$25,000 to \$49,999           \$50,000 to \$49,999           \$50,000 to \$49,999	100 80 70 49 72 8	19 22 9 24 3 1	-	178 27 42 44 28 10 27 -	Less than \$50 \$50 to \$59 \$60 to \$77 \$80 to \$77 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$150 to \$199 \$200 or more	345 113 66 51 27	339 79 36 107 38 43 23 13 13 570	276 51 26 143 28 4 3 10 11 \$69	313 83 95 95 95 95 95 95 95 95 95 95 86 8
Median price asked	\$13 800	\$16 000	\$15 000		Median rent asked				لـــــــــــــــــــــــــــــــــــــ

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

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

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

		n sumple, see	Sales price a		t for sole1				Rent	asked - \	iocont fo	r renta		
The SMSA	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 thom \$60	\$60 to \$79	\$80 10 \$99	\$100 10 \$149	\$150 10 \$199	\$208 sr more
Total	439	159	80	70	49	72	9	928	312	345	113	117	27	14
PLUMBING FACILITIES							19	620	176	251	21	96	76	~
With all plumbing facilities Lacking some or all plumbing facilities	381 22	73 22	113	54 _	-	122	-	116	68	48	-	-	-	-
BEDROOMS							_	232	84	124	-	12	12	-
None and 1 2 3 4 or more	161 126 116	30 53 12	61 18 34	37 17	-	33 55 34	- - 19	245 151 108	49 75 36	81 43 51	21	<b>8.4</b> - 	31 33 -	-
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1969 1949 or earlier	66	5 15 28 111	2 5 73	18 23 1 28	11 8 17 13	28 15 9 20	4 3 2	26 113 67 722	12 28 5 267	5 25 39 276	14 9 90	4 31 10 72	5 }0 4 8	5
UNITS IN STRUCTURE 1 2 to 4 5 to 19 20 or more		  		···· ···	· · · · · · · · · ·	  	· · · · • • •	392 330 177 29	142 109 57 4	144 138 53 10	53 43 13 4	39 27 44 7	ጭ 4 ነይ 4	59~~~
INCLUSION OF UTILITIES IN RENT								202		48 297	26 87	32 85	16 11	14
All utilities included Some or no utilities included							•••	726	248	297	ω <i>ι</i>			
United to one family homes on less than	10 acres and	no business o	n property.	² Excludes	one-family ho	omes on 10 a	res or more	r.						

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

# 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]

	todie odaće e	in somple, see	TIEXI. FOR THE	amum base to	r derived tigu	res (percent,	median, etc.) a	nd meaning o	f symbols, see	text]		
York	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	\$20,000 to \$24,999	\$25,000 to	\$35,000 to \$49,999	\$50,000 or more	Medion (dollars)
Specified owner occupied	7 916	752	1 749	1 917	1 379	821	849	278	106	49	16	9 400
ROOMS         1 and 2 rooms	8 67 372 1 149 2 685 1 250 2 385 6.4	9 70 130 289 88 166 6.1	4 25 59 195 583 279 604 6.5	19 76 194 549 320 759 6.9	4 14 73 239 418 222 409 6.4		173 390 106 150		- - 16 19 26 45 7.2	- - 5 5 39 	- - - 16	9 400 10 600 9 600 9 500 8 900 
PERSONS 1 persons 2 persons 3 persons 4 persons 5 persons 6 persons or more Median Units with roomers, baarders, or ladgers	1 317 2 536 1 467 1 093 724 779 2.6 275	227 265 90 53 39 78 2.1 31	343 565 268 235 151 187 2.4 70	304 589 346 266 199 213 2.7 86	220 446 304 163 118 128 2.6 47	80 276 158 181 59 67 2.8 21	58 271 236 129 88 67 2.9 10	43 81 45 50 41 18 2.8 10	25 33 10 11 6 21 2.3 -	11 5 10 5 18 - -	6 5 - 5 - -	8 200 9 400 10 200 9 700 9 700 9 000  8 600
PLUMBING FACILITIES BY PERSONS PER ROOM           With all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           Lacking same or all plumbing facilities           0.51 to 1.00           .101 to 1.50           Lacking same or all plumbing facilities           0.51 to 1.00           .101 to 1.50           1.01 to 1.50	7 708 5 202 2 374 129 3 <b>208</b> 153 45 10	618 468 138 9 3 <b>134</b> 98 26 10	1 720 1 175 497 48 - 29 20 9 - -	1 896 1 322 559 15 - 21 16 5 -	1 369 933 410 26 - 10 10 - -	811 478 327 6 - 10 5 5 -	845 526 299 20 - 4 4 -	278 175 98 5 - - - -	106 69 37 - - - -	<b>49</b> 40 9 - - - -	16 16 - - - - -	9 500 9 300 10 000 8 800 
BEDROOMS None and 1 2	162 1 491 3 <del>99</del> 3 2 445	59 225 455 147	83 344 771 574	20 268 748 673	292 720 489	202 506 245	140 564 122	20 166 103	- 63 72		-	9 100 10 100 9 400
YEAR STRUCTURE BUILT           1969 to Morch 1970           1965 to 1968           1960 to 1964           1950 to 1959           1940 to 1949           1940 to 1949           1939 or earlier	5 46 227 743 840 6 055	- - 24 728	5 5 33 75 1 631	- 22 43 129 1 723	10 17 85 191 1 076	- 4 10 227 175 405	5 5 97 282 194 266	- 18 66 40 25 129	- 10 28 12 56	- 4 - 5 15 25	- - - 16	18 400 14 800 12 500 8 500
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more None or also used by another household	7 220 306 51 308	573 9 160	1 670 27 71	1 895 44 6 41	1 238 53 - 20	762 19 11	778 67 5	239 27	59 28 5	6 26 26	6 ]4	9 300 15 100 5000-
HOUSEHOLD COMPOSITION Twe-er-more-person households Maie head, wife present, no nonrelatives 25 to 34 yeors 25 to 34 yeors 35 to 44 yeors 45 to 64 yeors 45 to 64 yeors 65 yeors and over Under 65 yeors Female head Under 65 yeors 66 yeors and over 65 yeors and over 65 yeors and over 65 yeors and over	6 599 5 434 155 2 431 1 050 2 431 1 050 332 205 127 833 546 287 1 317 442 875	525 342 - 57 47 148 90 54 41 13 129 95 34 227 115 112	1 406 1 103 19 175 140 515 254 63 26 37 240 167 73 343 104 239	1 613 1 362 76 177 302 497 310 81 48 33 170 100 70 <b>304</b> 100 204	1 159 975 38 130 151 486 170 54 49 5 130 81 49 220 59 161	741 652 5 110 155 284 98 21 11 10 68 41 27 <b>80</b> 32 48	791 683 17 112 130 340 84 33 14 19 75 46 29 58 5 53	235 199 26 52 87 34 21 11 10 15 10 5 43 6 37	81 75 - 6 15 49 5 6 6 5 15		10 10 - - - - - - - - - - - - - - - - -	9         600           9         800           9         800           10         200           10         300           9         600           9         300           9         300           9         300           9         300           8         500           8         800           8         200           8         200           8         200           8         200           8         200           8         200           8         200
INCOME IN 1969 Less then \$2.000 \$2.000 to \$2.999 \$3.000 to \$3.999 \$4.000 to \$4.999 \$5.000 to \$5.999 \$5.000 to \$6.999 \$7.000 to \$6.999 \$7.000 to \$4.999 \$10.000 to \$14.999 \$15.000 to \$24.999 \$3.000 or more \$25.000 or more	820 475 466 374 399 564 1 676 2 121 839 182 182 58 500	151 60 96 40 51 57 147 96 50 4 \$5 600	201 172 161 75 104 145 401 375 101 14 \$7 100	220 73 134 96 106 119 440 586 120 23 \$8 400	143 88 40 85 78 91 347 338 146 23 \$8 400	61 29 21 27 82 135 307 112 20	33 27 9 34 33 40 170 314 163 26	11 5 12 - 24 26 75 95 15	10 6 - 5 - 6 4 30 34 21	5 - - - - - - - - - - - - - - - - - - -	6	8 600 7 700 7 100 9 400 8 500 9 200 9 100 10 000 12 600 16 100
YEAR MOVED INTO UNIT           1969 to March 1970           1968           1967           1965 and 1966           1960 to 1964           1950 to 1959           1949 or eorlier	511 433 414 521 1 249 2 069 2 688	60 37 14 40 93 164 334	83 59 61 106 227 473 759	146 90 106 114 285 515 730	58 400 71 122 74 63 220 296 465	\$10 500 57 47 71 70 108 246 193	\$11 300 87 45 61 75 186 271 125	\$13 100 7 33 21 35 74 52 44	\$15 600 - - 12 29 32 19			9 400 10 600 10 900 10 000 10 200 9 400 8 400
HEATING EQUIPMENT Sheam or haf water	3 356 3 125 39 696 700 -	154 206 	628 640 236 245 -	831 827 10 187 62 -	561 646 106 66	385 362 14 34 26	419 383 10 27 10 -	223 45 5 5	90 16 - -	49 - - - -	16 - - - -	10 300 9 700 7 600 5 700
AIR CONDITIONING Room unit(s) Centrol system None Limited to one family homes on less than 1	2 809 157 4 919	134 7 601	376 20 1 372	678 1 308	531 6 774	371 39 382	464 25 361	156 20 90	59 14 19	26 26 6	14 6	- 11 000 18 200 8 400

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

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

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

(1	ota based on s	sample, see text	T				\$100	\$120	\$150	\$200	\$300	No	
York	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 \$119	to \$1.49	to \$199	\$299	or more	cash rent	Medion (dollars)
Specified renter occupied	8 930	673	680	1 199	1 365	2 298	1 249	645	497	23	35	266	83
ROOMS           1 room           2 rooms           3 rooms           4 rooms           5 rooms           6 rooms           6 rooms           7 rooms           8 rooms           9 rooms           8 rooms           9 rooms	507 662 1 969 2 591 1 436 914 314 537 4.0	194 155 159 67 69 19 5 5 2.4	101 133 189 152 61 23 5 16 3.1	108 96 488 342 101 45 15 4 3.3	30 95 367 516 194 85 54 24 3.9	35 80 434 738 562 306 58 85 4.3	5 34 199 360 230 200 76 145 4.6	8 20 66 134 91 153 46 127 5.5	16 11 28 228 96 32 38 48 4.3	5 - 5 8 - 5 	- 16 10 9 - - - -	5 22 29 40 24 51 17 78 5.8	56 63 74 85 87 96 103 113
PERSONS  1 person 2 persons 3 persons 5 persons 6 persons or more Medion Units with roomers, boarders, or lodgers	3 206 2 399 1 414 917 467 527 2.0 309	464 134 32 18 7 18 1.2 17	455 143 39 5 23 15 1.2 5	646 274 197 44 28 10 1.4 61	481 438 253 105 45 43 2.0 54	587 703 451 315 118 124 2.3 79	234 359 233 169 121 133 2.6 49	100 179 103 92 55 116 2.9 24	95 101 66 133 50 52 3.3 9	5 13 5 - - - - - -	21 14 - - - - -	118 41 35 36 20 16 1.9 11	70 85 86 96 100 107  82
PLUMBING FACILITIES BY PERSONS         PER ROOM         With all plumbing facilities         0.50 or less         0.51 to 1.00         1.61 to 1.50         1.63 to more         0.50 to 100         0.50 to 100         1.51 to 1.00         1.61 to 1.50         1.63 to 7.00         1.61 to 1.50         1.61 to 1.50         1.63 to 7.00	440	332 235 72 11 14 341 138 157 - 46	<b>454</b> 328 117 9 - <b>226</b> 113 101 6 6	<b>953</b> 647 281 15 10 <b>246</b> 78 148 11 9	1 259 759 436 47 17 106 30 76 - -	2 143 1 118 891 112 22 155 42 97 16 -	1 190 580 550 45 15 59 16 33 10 -	626 301 290 16 19 6 13 - -	492 199 260 23 10 5 - 5 -	<b>23</b> 13 10 - - - - - - - - - -	<b>35</b> 30 5 - - - - - - - - - -	244 172 66 6 - 22 17 5 -	86 82 90 88 93 60 57 64
BEDROOMS	3 321	304 332 41 38	131 392 186 58	127 746 190 60	42 660 564 104	40 589 1 033 526	344 616 391	107 126 451	49 353 110	20	22	60 167	51 72 92 104
YEAR STRUCTURE BUILT 1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1959 1939 or earlier	189 221 487 558	- 20 75 20 558	- 15 15 14 636	5 6 13 49 48 1 078	5 19 87 35 1 219	- 4 29 115 211 1 939	- 16 54 122 1 057	5 10 	- 159 100 25 15 198	5	- - 4 31	- 9 9 5 243	172 113 82 95 81
ELEVATOR IN STRUCTURE 4 floors or more With elevator Wolk-up 1 to 3 floors	- 439 - 131	173 153 20 542	87 65 22 680	86 41 45 1 037	88 88 1 282	- - 2 188	21 21 1 330	44 44 640	49 49 463	- - 20	22 22 - -	227	63 60  85
COMPLETE BATHROOMS T and 1 1/22 2 or more Name or also used by another household	7 366	312 357	390 8 252	900 19 282	1 237 7 139	2 081 38 187	1 134 9 98	587 6 49	454 14 14	21 9 -	39 - -	211 37 28	86  63
INCOME IN 1969 Less than \$2,000	- 9/1 - 945 - 689 - 722 - 661 - 1 271 - 265 - 35	53 5 -	200 160 99 38 34 38 56 5 5 \$2 900	316 160 173 88 119 57 189 71 26 53 700	258 160 206 138 134 85 207 142 26 9 \$4 400	310 240 215 190 154 213 566 368 35 7 \$6 200	130 80 112 74 122 131 329 208 58 5 \$6 800	56 37 41 47 56 60 142 173 28 5 5 \$7 500	37 10 15 41 28 33 123 156 50 4 \$9 100	- - - 5 - 18 - -	9 5 - - - - - - - - 	67 36 28 23 12 18 27 32 32 54 100	76 82 81 89 90 90 97 108
YEAR MOVED INTO UNIT 1949 to March 1970 1943 1945 and 1966 1950 to 1964 1950 to 1959 1949 or earlier	2 812 1 250 710 1 077 1 564 98	57 18 100 103 5 101	73 47 62 80 202 110 76	258 192 65 153 279 204 50	426 215 136 155 228 169 54	219 307 336 192	179 121 86 221 119	269 68 66 100 92 29 18	269 93 8 64 30 11 7	17 7 - 6 -	6 7 20 6 -	47 20 8 12 67 44 78	84 84 82 82 77 77 77 77 77 77 77
GROSS RENT AS PERCENTAGE OF INCOME Less than 10 percent	1 03 1 78 1 41 90 1 20 2 12	7 112 8 53 8 34 7 83 2 215	121 67 96 76 131 184 5	187 213 160 125 141 328 45	208 120 209 332	691 357 176 299 472	272 298 5 174 2 282 2 282	111 102 153	4 47 120 88 113 121 4	- 5 4 9 5 -	-	   26	. 86 90 . 89 . 82 . 80
AIR CONDITIONING Room unit(s) Central system None	1 79 30	5 –	166 	6	7	7 -	- 12	6	247	1 8	5 20 3 13 6 6	8	9 87 6 174 11 81

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

## METROPOLITAN HOUSING CHARACTERISTICS

# 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]

	[Data Sused	on sample, see	text. For min	imum bose fo	r derived figur	es (percent, m	nedian, etc.) a	nd meaning of	symbols, see	text]		
York	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 ta \$24,999	\$25,000 or more	Medion (dollars)
Owner occupied housing units ROOMS	9 417	1 092	586	618	487	489	664	1 951	2 342	973	215	8 200
1 ond 2 rooms 3 rooms 4 rooms 5 rooms	59 426 724 1 505	4 132 180 125	14 53 48 79	17 46 57 115	5 22 36 88	9 14 55 82	21 84	5 79 134	5 49 107	- 5 23	5	3 500 5 700
6 rooms	2 814 3 889 1 810	240 411 756	166 226 320	150 233 214	193 143 109	82 140 189 80	145 206 208 81	329 630 774	382 777 1 022	140 269 536	20 43 147	8 100 8 500 9 100
5 persons 6 persons or more Units with roomers, boarders, or lodgers	3 167 2 798 817 825 374	240 85 6 5 93	207 33 10 16 25	294 97 5 8 44	285 53 32 8 33	198 154 41 16	319 154 44 66	175 733 658 219 166	35 674 1 045 225 363	19 164 442 202 146	21 53 77 33 31	2 500 7 200 10 800 11 100 11 600
BEDROOMS Less than 3 3 4 or more	2 514 4 362 2 587	496 340 329	224 401 181	344 228 101	247 97 43	36 143 228 131	27 141 293 131	61 401 946	31 454 1 258	24 44 511		4 800 4 800 8 900
YEAR STRUCTURE BUILT           1969 to Morch 1970           1960 to 1968           1950 to 1959           1949 or earlier	11 335 772 8 299	5 5 24 1 058	5 39	10		8	6 26 71	354 	730 115 317	455 65 133	132 10 17	10 200 11 000 11 300
YEAR MOVED INTO UNIT 1969 to March 1970 1968	626 476 2 571	24	542 19 14	599 42 19	454 49 18	457 32 10	561 63 28	1 755 144 122	1 910 211 181	775 32 77	188 10 7	7 800 8 800 10 700
SELECTED CHARACTERISTICS Automatic clothes washing machine	5 744 6 384 3 416	924 417 147	68 432 457	93 458 459	146 319 268	114 328 364	177 399 382	739 1 024 1 097	752 1 175 1 931	298 550 839	58 135 170	9 300 7 000 9 300
Dishwasher Home faod freezer Owned second hame With Gir conditioning Room unit(s) Central system Automabiles available:	796 1 933 372 3 817 3 614 203	41 84 333 326 7	204 37 175 41 94 87 7	166 22 106 187 187	39 - - 193 193	124 	181 55 74 39 282 269	562 99 308 19 918 858	1 265 274 741 214 941 894	552 212 240 38 612 556	176 56 102 - 126 113	11 100 12 600 10 800 9 300 9 100
1	5 008 2 128 498	393 16 -	183 35 ~	353 34	- 367 40 7	328 62 -	13 459 79 7	60 1 426 388 78	47 1 185 943 115	56 252 445 241	13 62 86 50	11 500 7 900 12 200 16 700
Renter occupied housing units	8 980	1 699	971	957	700	722	666	1 684	1 276	270	35	5 200
1 room 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms or more	507 662 1 969 2 624 1 447 1 771	186 225 565 402 177 144	76 151 269 239 117 119	24 71 253 350 108 151	28 63 157 192 119 141	48 49 146 165 179 135	38 24 133 195 86 190	49 38 248 565 322 462	45 41 169 454 236 331	13  24 51 98 84	- 5 11 5 14	2 900 2 700 3 600 5 600 6 300
PERSONS 1 person	3 206 2 409 2 360 472 533 314	1 219 281 147 27 25 73	505 253 170 16 27 39	374 263 211 57 52 39	270 185 171 24 50 45	214 209 230 41 28 25	180 155 212 50 69	271 536 659 111 107 60	153 437 446 117 123	20 80 109 24 37	10 5 5 15	7 000 2 800 6 100 7 200 7 600 7 400 4 100
None	644 3 321 3 130 1 905	198 972 318 77	88 493 195 211	83 482 379 98	211 180 170	83 247 223 138	24 203 306 221	83 325 901 491	61 325 530 397	24 42 78 81	21 20 21	3 400 3 400 6 900 7 200
YEAR STRUCTURE BUILT 1969 to March 1970	10 436 505 8 029	5 36 108 1 550	5 21 42 903	21 96 840	- 36 47 617	12 33 677	22 30 614	131 59 1 494	117 65 1 094	40 25 205		8 600 4 100
YEAR MOVED INTO UNIT 1969 to Morch 1970	2 828 1 265 3 374 1 513	490 171 721 373	313 137 382 149	308 107 380 130	270 77 294 104	264 100 228 143	205 95 207 116	560 269 586 226	369 274 435 191	41 35 128 75	8 - 13 6	5 200 5 100 6 400 4 700 5 000
GROSS RENT AS PERCENTAGE OF INCOME Specified renter accupied 15 to 19 percent 20 to 24 percent 25 to 34 percent 15 to 19 percent 25 to 34 percent 15 percent or more to computed	8 930 2 823 1 418 908 1 207 2 122 452	1 693 	971 4 42 310 517 36	945 45 90 201 428 153 28	<b>689</b> 50 179 198 174 65 23	<b>722</b> 143 292 160 82 22	661 223 260 110 51 51	1 678 1 076 382 122 74 6	1 271 1 032 155 43 9 5	265 215 18 ~ _	35 35 - -	5 200 9 600 6 400 4 900 3 500 2000 -
SELECTED CHARACTERISTICS Nutomatic clothes washing machine Disthesdryre Sistwasher Sistwasher With air conditioning Raom unit(s) Centrol system	3 075 1 271 332 652 171 2 134 1 805	80 40 22 40 	138 43 64 43 167 154	230 60 37	254 95 21 37 	23 286 128 21 41 160 147	12 271 129 57 21 186	18 283 146 163 49 422	27 806 354 58 171 58 452	32 139 139 64 42 - 152		2000 8 000 8 500 7 900 6 800
wtomobiles available 2 3 or more Excludes one-family hames on 10 ocres or mo	329 4 210 1 045 172	7 435 50 20	13 285 14 15	394 28 15	14 383 76	425 40 15	186 - 346 76 17	314 108 1 056 291 28	331 121 733 382 31	99 53 139 75 31	13 	6 200 10 400 6 500 9 500 7 400

'Excludes one-formity homes on 10 pcres or more

# Table 8-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

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

	(Data based on	sample, see text. F		lumbing facilities				acking some or	all plumbing fo	cilities	
					1.01	1.51		0.50	0.51	1.01	1.51
York	Total	Total	0.50 or less	0.51 to 1.00	to 1.50	or more	Totol	or less	10 1.00	to 1.50	or more
			6 154	2 772	167	18	306	227	64	15	-
Owner occupied housing units	9 417	9 111	8 134	- //-							
PERSONS 1 person	1 810	1 700	1 700	193	-	-	110	106 106	4 9	-	-
2 persons	3 167 1 592	3 052	2 859 1 185	383	-	-	24 17	10 5	9 12	5	=
3 persons	1 206	1 189	337 73	826 705	26 13	ŝ	21	-	21	10	-
5 persons	817 825	796 806	/3	665	128	13	19	1.6	9	10	2
6 persons or more	2.4	2.4	2.0	4.5	7.0		1.9	7	9	-	_
Units with roomers, boarders, or lodgers	374	358	231	104	18	5	10	,			
								_	_	-	_
YEAR STRUCTURE BUILT 1969 to March 1970	7	7	7 32	41	-	-	-	_	-	-	-
1965 to 1968 1960 to 1964	/3		125	159	-	-	6	6	-	-	-
1950 to 1959	773	773	395 541	372 303	6 14	_	17	11	6	10	-
1940 to 1949 1939 or earlier	875		5 055	1 922	147	18	257	200	47	10	
							05	85	10	· _	_
INCOME IN 1969 Less than \$2,000	1 092		949 516	48 44	9	-	95 17	17	-	-	-
\$2,000 to \$2,999 \$3,000 to \$3,999	586	580	535	40	7	5	38 16	25 16	13	-	-
\$4,000 to \$4,999	487	471	390 324	74 139	6	-	20	20	-	3	_
\$5,000 to \$5,999 \$6,000 to \$6,999	664	652	452	167	33 51	5	12 56	35	21	-	-1
\$7,000 to \$9,999	1 951	1 895	1 199	640 1 077	38	-	22	10 10	20	12	_
\$10,000 to \$14,999 \$15,000 to \$24,999	973	943	443	474 69	18 5	8	30	-	-	-	-
\$25,000 or more Median	215		141 \$6 800	\$11 100	\$8 700		\$4 200	\$3 500	•••		-
	1					_	208	153	45	10	_
VALUE-INCOME RATIO Specified owner eccupied	7 916		5 202	2 374	129 104	3	112	66	36	10	-
Less than 1.5	4 80		2 682 668	246	-	-	17 21	13 21	4	-	-
1.5 to 1.9 2.0 to 2.4	61:	2 591	441	131 45	19	-	15	15	~	-	-
2.5 to 2.9	- 310		256 320	9	6	-	25 18	25 13	5	-	-
30 to 3.9 4.0 or more	- 84	7 829	786 49	43	-	-	-	-	-	-	-
Not computed	- 4	9 49	-7								
HEATING EQUIPMENT	4 40	7 4 347	3 101	1 180	61	5	60 101	47 71	13 22	8	-
Steam or hot water Warm-air furnace	3 51	9 3 418	2 189	1 148	68	13	-	-		-	-
Built-in electric units	- 4		23 461	209	18	+	20 125	11 98	9 20	7	-
Floor, wall, or pipeless furnace	- 74		380	215	20	_	-	-	-	-	-
None	-		-								
Reater occupied housing units	8 98	0 7 801	4 392	3 013	289	107	1 179	440	635	43	61
PERSONS				93	_	_	721	366	355	-	39
l person	- 3 20 2 40		2 392 1 597	566	-	5	241 123	69 5	133 105	6	7
2 persons	1 43	1 308	260 90	1 038 723	10 63	-	53	-	38	15 6	15
4 persons			53	321	65	12 90	21 20	-	-4	16	-
5 persons 6 persons or more	53	33 513	1.4	272 3.3	151 5.6	7.1	1.3	1.1	1,4	•••	
Median	- 2		77	167	4	14	52	5	36	-	
Units with roomers, boorders, or lodgers										_	_
YEAR STRUCTURE BUILT		7 7	7		10	-	-	-	-	-	-
1969 to March 1970 1965 to 1968		35 185	49 88	126 128	36	-	-	- 6	- 8	-	19
1960 to 1964 1950 to 1959	23	465	227	171	49 11	18 6	33 26	-	13	7 47	6 39
1940 to 1949	24		214 3 853	330 2 203	198	62	1 135	467	582	4)	5.
1939 or earlier	' "							194	167	11	22
INCOME IN 1969 Less than \$2,000	16	99 1 305	1 050	220 225	31 11	16	394 164	64	100	- 9	5
\$2 000 to \$2,999		71 807 57 800	555 487	276	20	17	157 60	82 16	61 44	-	-
\$3,000 to \$3,999 \$4,000 to \$4,999	7	00 640	398 337	207 240	22 41	13 5	99	34	47 45	5	13 5
\$5 000 to \$5,999	(	22 623 66 591	275	282	22	12 10	75 133	25 20	91	6	5 16
\$6,000 to \$6,999 \$7,000 to \$9,999		84 1 551	706 488	790 602	45 86	14	86	5	69 11	12	-
\$10,000 to \$14,999 \$15,000 to \$24,999	12	76 1 190 70 259	91	156	11	12	11	-	-	-	-
\$25 000 or more		35 35	5 \$4 300	15 \$7 200	\$6 900	\$5 700	\$3 200	\$2 400	\$3 800	•••	
Medion	*/ 2							440	635	43	61
GROSS RENT AS PERCENTAGE OF INCO Specified renter occupied?	89		4 382	2 978 442	284 47	107 22	1 179	25	130	12	27 12
Less then 10 percent			331 804	726	70	21 28	166 129	49 61	99 68	-	-
10 to 14 percent	14	18 1 289	586 438	627 310	48 52	-	108	55	43 111	10	-
20 to 24 percent	1	08 800	631	368	10	20 16	178 326	63 170	123	n	22
25 to 34 percent35 percent or more	21	22 1 796	1 330 262	410 95	40 17	-	78	17	6)	-	-
Not computed	4	152 374					-		459	27	42
HEATING EQUIPMENT	5 6	4 837	2 959	1 657	156	65 4	807 139	279 56	64	-	19
Steam or hot water Warm-air furnace		599 1 560	794 88	702 119	60 6	5	5	-	5 27	-	-
Built-in electric units		283 256	117	119	12 55	8 21	27 196	105	75	16	-
Floor, well, or pipeless furnace Other means	11	106 910	434	400 16	-	4	5	-	5	-	
None		25 20									

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

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

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

(Date based on sample, see text. For minimum base for derived fig

	(Data based on s	ample, see text.	For minimum ba	se for derived fig	jures (percent, m	redian, etc.) and a	equina of sumb	le ean tawt1		
York	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	
Owner occupied housing units Units with 1 or more bathrooms and complete kitchen facilities for exclusive	9 417	4	55	426	724	1 505	2 814	1 334	2 555	Medior 6.1
USE, and direct access	8 968	-	50	383	633	1 378	2 808	1 308	2 408	6.2
person	1 810	4	36	182	275					
persons	3 167 1 592	-	14	188	275 309	240 654	502 915	168 368	403 719	5.1 6.1
persons	1 206 817	-	-	26	73 54	299 154	525 422	243 208	427 342	6.
persons or more	825 2.4	-	-	5	13	107 51	311 139	138 209	243 421	6. 7.
LUMBING FACILITIES BY PERSONS PER ROOM			•••	1.7	8.1	2.3	2.5	3.0	2.9	
ith all plumbing facilities	9 111 6 154	-	42	402	651	1 437	2 749	1 313	2 517	
0.51 to 1.00 1.01 to 1.50	2 772	-[	32 10	163 203	527 111	851 545	1 882	764	1 935	6.1 6.3
thing some or all plumbing facilities	167 18	-	-	26 10	13	38	815 52	516 28	572 10	6.1 5.6
0.50 or less 0.51 to 1.00	306 227	4	13	24 19	73 57	68	65	5 21	38	5.1
1.01 10 1.20	64 15	4	4	5	16	43 15	60 5	15	29 9	53
1.51 or more DROOMS	-	-	-	-	-	10 -	-	-	-	•
one and 1										
	664 1 850	22	58	330 43	233 527		-	21	-	3.3
or more	4 362 2 587	-	-	-	21	781 799	278 2 173	94 592	127 777	5.0 6.1
AR STRUCTURE BUILT				-	~	37	179	666	1 705	7.5+
69 to March 1970	11	-	_	_	11	_				
50 to 1959 49 or earlier	335	-	- 5	10 9	41 76	105	64 307	73	42	5.7
MPLETE BATHROOMS	8 299	4	50	407	596	1 130	2 443	71	34 2 479	5.6 6.3
ind 1 1/2	8 217	_	44		_					
e more ne or also used by another household	779	-	6	273 130	544 89	1 301	2 712 96	1 227	2 116	6.2 6.3
LUE-INCOME RATIO		-	5	42	72	91	103	17	91	5.5
Specified owner occupied	7 916	4	4	67	270					
s than 1.5	4 801 931	-	-	29	372 174	1 149 690	2 685	1 250 778	2 385	6.4 6.4
or more	928	-	- 4	5	78 46	133 156	361 347	132 147	218	6.2 6.2
computed	49	-	4	18	74	160 10	362 13	188	401 21	6.5 
Renter occupied housing units Units with 1 or more bathrooms and	8 980	507	662	1 969	2 624	1 447	914			
complete kitchen facilities for exclusive use, and direct access	7 449					. +*/	714	314	543	4.0
sons	. "/	19	361	1 650	2 418	1 344	810	270	535	4.2
ersons	3 206	448	529	1 024	745	274	110	34		
ersons	1 431	44 7	117	582 232	832 592	453 319	244	36 70	40 67	3.1 4.1
ersons or more	929 472	-	-	78	319	223	134	37 85	38 90	4.3 4.6
2011	533 2.0	8 1.1	1.1	26 1.5	65 2.2	106 72	113 123	20 66	135 173	5.8 6.3
MBING FACILITIES BY PERSONS PER ROOM	ĺ				2.2	2.5	3.0	3.7	4.8	•••
a all plumbing facilities	7 801 4 392	106	449	1 688	2 452	1 374	884	314	534	4.0
01 to 1.50	3 013	93	372 67	888 699	1 476 856	705 603	525 300	143	283	4.2 4.1
ing some or all alumbias facilities	107 179	13	10	63 38	88 32	46	59	158 13	237 10	43 43
50 or less	440	401	213 157	281 136	172 101	73 22	30	-	4	3.6 2.4
01 to 1.50	635 43	355	50 6	115	55	45	19 11	-	5	3.0 1.4
ROOMS	61	46	-	iš	-	6 -	-	-1	-	
	644	582		-						
	3 321 3 130		42 648	20	837	143	22	20	-	1.1
more	1 905	-		96 -	1 628	1 016	255 774	52	83	3.1 4.4
to March 1970					-		//4	323	410	ő.2
10 1968	10 436		5	16	5	-	_	_	_	
of earlier	505 8 029	37 470	647	41	287 229	101 134	17 55	5	5	4.2 4.3
APLETE BATHROOMS				1 712	2 103	1 212	842	309	534	4.0
d I 1/2	7 427	95	385	1 667	2 405	1 275		r - 1		
of orse used by phother household	147 1 406	378	13 251	8 372	2 405 26 222	1 325 19 100	803 14 42	256	491 53	4.2 6.0
SS RENT AS PERCENTAGE OF INCOME							42	16	25	2.7
14 percent	8 930 1 036	507 107	662 34	1 969	2 591	1 436	914	314	537	4.0
24 percent	1 787	74 52	68 99	278	299 595	180 359	129 216	29 53	38 144	4.0
0 34 percent	908	15	61 137	275 202	360 270	313 155	177 75	73	69	4.3 4.3 4.2 3.8
ercent or more	2 122	151	231 32	274	431 553	114 277	95 161	43 48 41	85 44 79	4.2 3.8 3.6
			الاست	91	83	38	61	25	79.1	361

243-14 YORK, PA., SMSA

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

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

All occupied housing units OOMS room rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms r	Total 9 417 4 55 426 724 1 505 2 814 1 334 2 555 6.2	Owner occu 1 unit 8 134 4 85 392 1 202	2 units or more 1 208 46 327	Mobile home or trailer 75	Total 8 980	1 unit 2 782	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
OOMS room rooms	9 417 55 426 724 1 505 2 814 1 334 2 555	8 134 4 85 392 1 202	1 208 - 46									
OOMS room rooms	4 55 426 724 1 505 2 814 1 334 2 555	4 4 85 392 1 202	_ 46				2 265	2 092	1 092	408	320	21
room rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms rooms	55 426 724 1 505 2 814 1 334 2 555	4 85 392 1 202										
rooms	426 724 1 505 2 814 1 334 2 555	85 392 1 202		-	507	.8	10 52	75 300	128 188	106 57	174 48	6
reoms	1 505 2 814 1 334 2 555	1 202		5 14	662 1 969	17 173	684 840	680 692	338 270	52 149	42 52	ñ
rooms	2 814 1 334 2 555		290 289	42 14	2 624 1 447	610 565	456 187	245 58	142	31 13	4	4
rooms or more	2 555	2 721	93 43	-	914 314	636 264	16	28 14	Ğ	-	-	-
		2 435 6.4	120 4.3	-	543 4.0	509 5.5	20 4.0	3.5	3.2	3.3	1.4	
ith all plumbing facilities	9 111	7 926 5 340	1 115 766	70 48	7 <b>801</b> 4 392	2 668 ) 351	2 059 1 150	1 823 1 187	7 <b>95</b> 458	285 145	150 96	21 5 10
0.50 or less 0.51 to 1.00	6 154 2 772	2 443	307 27	22	3 013 289	1 133 149	828 61	564 39	308 20	126	44 6	6
.01 to 1.50	167 18	140 3	15	5	107 1 179	35 114	20 206	33 269	9 297	6 123	4 1 <b>70</b>	-
king some or all plumbing facilities 0.50 or less	<b>306</b> 227	208 153	<b>93</b> 69	5	440	58 50	126 60	117 129	112 171	27 65	160	-
0.51 to 1.00	64 15	45 10	19 5	-	635 43	6	15	17	5	31	10	-
1.51 or more	-	-	-	-	61	-	J	Ũ	-			
DROOMS	22	22	-	-	644	-		174	192	126 170	152 115	-
ne	642 1 850	161 1 511	461 305	20 34	3 321 3 130	119 1 196	1 085	1 197 791	635 286 57	119	18	24
	4 362	4 127	235 51	-	1 450 455	1 054 379	299 60	40 16	-	-	-	-
AR STRUCTURE BUILT	2 30/	÷	2.									
269 to March 1970	11	5	-	6 27	10 199	58	5 15	-	57	5 63	6	10
65 to 1968 60 to 1964	73 262	46 233		23 9	237 505	148 384	11 39	23	28 5	40 49	-	5
50 to 1959 40 to 1949	772 896	753 853	10 43	- 1	558	276	111 2 084	111 1 958	28 974	21 230	11 303	6
739 or earlier	7 403	6 244	1 149	10	7 471	1 910	2 004	1 750				
NCOME IN 1969	1 092	835	252	5	1 699	387	360 226	467 259	299 173	89 33	91 35	6
ess than \$2,000 2,000 to \$2,999	586	483 472	103 131	15	971 957	245 312	247	244	95 108	33 33 27 50 22 59 89	22 24	4
,000 to \$3,999	487	389	98 72	-	700 722	224 228	136 214	181 142	52	50	25 20	11
.000 to \$5,999	489 664	412 586	67	5 11 17	666 1 684	226 545	197 485	127 407	74 166	59	22	-
000 to \$9.999	2 342	1 706 2 154	228 176	12	1 276 270	448 153	340 53	236 25	92 23	6	71 10	-
5,000 to \$24,999	. 973	891 206	77	5 5	35	14 \$6 000	7 \$5 800	4 \$4 400	10 \$3 800	\$5 400	\$4 500	
edian		\$8 600	\$5 300		\$5 200	\$0,000	43 000	<b>4</b> 1 100	•			
EAR MOVED INTO UNIT	494	529	91	6	2 828	716	680	789	392 142	192 38	59 80	12
969 to March 1970	626 476	452 422	13 55	11 25	1 265 717	376 239	389 251	228 113	57	18 55	39 49	-
65 and 1966	610	536	62 191	12	1 093 1 564	355 628	223 361	295 277	116	38	82	7
60 to 1964	2060	1 256	289	67	950 563	260 204	303 133	228 116	95 87	16	20 7	-
949 or earlier	3 684	3 123	554	,	505	_~ .						
ROSS RENT					8 930	2 732	2 265 70	2 092	1 092 157	<b>408</b> 100	320 53	21
Specified renter occupied					673 680	144 124	144 332	183 391	139 201	25 41	55 78	10
0 to \$59 0 to \$69	-1				1 199	156 342	477	338 541	159 186	24 45	25 7	
0 to \$79 0 to \$99				•••	2 298 1 249	735 529	778 256	294 81	98 53	33 35	39 5	-
00 to \$119					645 497	337 183	129 29	75	90 4	98	22 5	
50 to \$199	: :::		•••		23 35	10	-	4	-		31	•
o cosh rent			•••		266 \$83	168 \$94	50 \$82	36 \$79	\$ \$73	\$85	\$67	••
ledion		•••	•••		<i>+</i>							
HEATING EQUIPMENT	4 407	3 492	915		5 644	1 052 747	1 523 491	1 688 179	852 142	273 92	250 39	
Norm-oir furnoce	3 519	3 190 43	258	-	1 699	59	4	21 32	40 6	33	26	
Built-in electric units loar, wall, or pipeless furnace	708	704 705	4 31		283 1 106	216 643	218	172	52	10	5	
her means		-	-	-	25	25	-	-	_			
		0.027	653	25	1 805	417	558	479	222	52 106	77 22	
Room unit(s) Centrol system	- 203	2 936 164 4 983	653 21 581	18	329	116 2 245	6 1776	13 1 554	66 772	243	237	1
None			- * -								1.64	1
AUTOMOBILES AVAILABLE	5 008	4 259	694			1 272 406	1 174 327	988 166	474 69	187 59	103	
2 3 or more	2 128	1 929 452 1 443	46	,	172	70 1 030	32 807	48 844	22 495		215	

Excludes one-family homes on 10 acres or more.

### METROPOLITAN HOUSING CHARACTERISTICS

### Table 8-7. 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]

]					Two-or-mo	pre-person ho	useholds				One-person	nouseholds
York	ļ.	1	Vale head, wi	fe present, no	nonrelatives		Other ma	le head	Female	head	···-	
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied boosing units	9 417	184	904	1 117	2 731	1 255	254	141	657	362	642	1 168
PLUMEING FACILITIES BY PERSONS PER ROOM	]											
With of plumbing focilities	9 111 6 154	186	885 251	1 104 276	2 677	1 201 1 016	254 176	141 131	<b>636</b> 408	327 293	606 606	1 094
0.51 to 1.00	2 772	52 6	611 23	768 42	834 68	185	78	10	200 28	34 	-	-
1.51 or more Locking some or all plumbing facilities	18 306		19	18 13	54	54	_	-	21	35	36	74
0.50 or less 0.51 to 1 00	227 64	-	5	6 7	32 10	44 10	_	-	11 10	23 12	32 4	74
1.01 to 1.50 1.51 or more	15	-	3	-	12	-	2	-	-	-	-	-
UNITS IN STRUCTURE	8 134	160	809	1 026	2 518	1 078	215	132	565	290	456	
2 or more. Mobile home or trailer	1 208 75	22	82 13	87	199 14	177	34 5	9	86 6	72	450 157 29	885 283 -
INCOME IN 1969 Less than \$2,000	1 000											
\$2,000 to \$2,999	1 092	4	6 10	4	15 32	118 124	13	18 10	61 58	101 24	141 57	615 263
\$3,000 to \$3,999 \$4,000 to \$4,999	618 487	5 16	30	-	19 57	228 155	n	14 14	86 60	41 35	99 81	115 28
\$5.000 to \$5.999 \$6,000 to \$6,999	489 664	11	45 58	19 55	85 203	105 132	19 14	19 15	89 69	17 37	61 55	19 26
\$7,000 to \$9,999 \$10,000 to \$14,999	1 951 2 342	72 74	317 339	282 492	622 1 099	217	83 68	9 22	123 97	51 30	124	51 (
\$15,000 to \$24,999 \$25,000 or more	973 215	-	84 15	222 32	476 123	70 20	42	20	14	26	9 6	26 10
Median	\$8 200	\$9 200	\$9 900	\$11 900	\$11 500	\$5 000	\$9 500	\$5 800	\$5 700	\$4 400	\$4 300	15 \$2000
VALUE-INCOME RATIO Specified owner occupied	7 916	155	793	1 005	2 431	1 050	205	127	546	287	442	875
ess then 15	4 801 931	116 28	579 123	882 64	1 927 296	405 162	153 29	66 14	267 103	114	186	106 43
.0 to 2.4	612 316	5 6	61 8	34 17	128 55	148	5	9	65 10	31 19	38 36	88 57
0 or more	360 847	-	10 12	5	11 14	124	5	25 9	39 51	23 74	24 101	94 477
iot computed	49	-	-	-	-	9	5	-	11	5	9	10
Renter occupied housing units	8 980	848	1 115	468	953	417	311	116	1 372	174	1 867	1 339
LUMBING FACILITIES BY PERSONS PER ROOM	7 801	787	1 065	445	897		050		,			!
0.50 or kess 0.51 to 1.00	4 392	229 520	220 742	50	484	386 250	252 133	106 74	1 209 444	169 116	1 411 1 350	1 074 1 042
1.01 to 1.50 1.51 or more	289	32	69	298 71	373 27	130 6	106	32 -	ర <del>ర</del> ర 80	53	61	32
acking some or all plumbing facilities 0.50 or isss	1 179	6 61	34 50	26 23	13 56	31	9 59	10	19 163	5	456	265
0 51 to 1.00 1 01 to 1.50	635	45	5 35	5	21 30	21 5	17 32	10	5 118	5	214 242	152 113
1.51 or more	43 61	16	10	12	5	5	10	-	5 35	-	-	-
INITS IN STRUCTURE	2 782	173	445	283	*7 *	160	100				<b>_</b>	
19 4. 19 19	4 357	561 110	445 496 159	283 155 20	424 399	152 206	122 115	49 52	618 526	90 80	240 1 031	186 736
0 or more Nobile home or trailer	320 21	4	15	20 4 6	114 16 -	34 25	64 10	15	211 17	4	479 106 11	290 127
ROSS RENT Specified renser occupied?		•								_	••	
ess then \$50	8 930 673	848 4	1 115	457	953 26	411 20	300 22	116 15	1 355 97	169	1 867 219	1 339 245
60 to \$69 70 to \$79	680 1 199	8 94	26 81	28 19	60 86	26 57	11 44	10	40 146	16 21	209 360	245 285
380 to 597	1 365 2 298	116 314	120 314	44 155	161 242	70 115	32 54	39 25	265 442	37	347	134
5100 to \$119 120 to \$149	1 249 645	192 68	210 126	57 94	183 95	55	54 62 39	7	217	32	389 158	198 76
150 to \$199 200 to \$299	497 23	38 5	193	42	55	38 5	39 26	5	75 43	5	71 71	29 24
300 of more ic cash rent	35 266	9	12	18	45	10	- 4 6	-	5 - 25	- 8	5 38	5 16 80
BROSS RENT AS PERCENTAGE OF INCOME				·		· [	U		20	°	30	60
Specified reater on supled?	8 930	848	1 115	457	953	411	300	114	1 265	140	1 447	1 110
Less than 20 percent. 20 to 24 percent.	4 298 410	169 B	136 15	46 11	112	252 20	113	116 72	1 355 918 72	169	1 867 1 180	1 139
20 MG 24 000700007 1	473	25 44	20 47	3	27 31	20 25 87	5 10	12	73 104	13	179 172	68 68
Not computed	2 084 340	92	42 12	21	32	104	20 66	12 48	286 385	28 56	209 518	216 720
Less that 20 merupy	3 G61 2 376	546 417	525 400	191	4 395	16 107	12 174	40	70 369	8 48	102 565	116
25 10 24 percent 25 10 34 percent	392 207	86 38	56	150 35	314 56	82 11	126	25 5	268 57	41	488 42	65
AG DEFERRIT OF PROFE	33	- - 5	64 6	6	21	10	15	-	19	-1	30	10
LESS THE SILE SWEET	1 271	127	374	171	4 321	4		10	20	-	-	10
20 to 24 percent 25 percent or more	187	118	336 34	159	306	47	9	4	56 56	9	112 112	41 31
1407 10750 Buchard	14	- 4	4	12	1	-		-	-	-1	-	10
Lets There IC comment	300 268	6	79 79	49	125	5	4	-	12	_	10	10
25 percent or more	-	-	-	43	99 -	5	4	-	12	-	10	iŏ
Nether Contraction and the second	32		-	6	26	-	_	-	-	-1	-	-
With the second		business on pr					nore.	-1	_	-	-	

# 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]

	[Data based on s	sample, see text.	For minimum bo	ise for derived th	gures (percent, r	leadin, eley and	meaning or symu		8 persons	
York	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	or more	Median
Owner occupied housing units	9 417	1 810	3 167	1 592	1 206	817	426	250	149	2.4
BEDROOMS Kone and 1 3 4 or more	664 1 850 4 362 2 587		235 844 1 475 647	16 268 959 429	23 113 638 258	81 372		- 17 54 142	- - 38 161	1.4 2.0 2.5 3.3
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1950 to 1959	262 772 896	10 80 115	81 228 304			42 106 61	15 38 46	- 7 12 231	- - 7 18 124	3.2 3.0 2.6 2.3
1939 or earlier UNITS IN STRUCTURE 1 2 or more	8 134 1 208	1 341	2 636 497	73	. 99			232	144 5 -	2.6 1.8
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more None or also used by another household	8 21 65 12	2 129 7 30	225	45	7	3 117	24	246 16 10	89 23 4	2.5 2.4 1.9
House to use or an average of a second over	- 7 60 - 6 19 - 18 - 90 - 1 11 - 2 73 - 1 25 - 39 - 39 - 25 - 14 - 10 - 65 - 326	3        6        7        7        5        5        4        9        7        7        2	. 2 35( 6) 94 1 15( 23) 23) 1 15( 23) 23) 23) 23) 24) 23) 24) 24) 25) 23) 24) 25) 23) 24) 25) 23) 24) 25) 23) 24) 24) 25) 25) 25) 25) 25) 25) 25) 25) 25) 25	) 1 333 4 18 3 14 5 743 6 743 6 6 6 6 8 743 743 74 6 743 74 74 74 74 74 74 74 74 74 74 74 74 74	2 1 02 5 5 6 26 7 34 7 4 8 5 0 4 8 1 2 12 5 11 7	7 7 733 9 21- 1 21- 1 21- 1 21- 2 26- 8 3 8 2 8 2 8 2 8 1 0 - 1 6 2 4 9 1	)         388           5         4           7         186           3         105           0         15           0         15           5         15           5         15           5         23           7         233           9         -	104 73 - - - - 18 14 4	149 134 6 22 63 43 - - - 15 15 15 15 	2.9 3.1 4.2 4.6 2.8 2.2 2.3 2.7 2.1 2.4 2.4 2.4 2.2 1.0
VALUE-INCOME RATIO Specified eware occupied' Less than 1.5. 1.5 to 1.9		01         25           31         5           12         12           16         5           50         11           47         5	1 38 1 37 26 26 23 13 8 19 78 16	1 1 03 9 20 9 7 0 6 4 22 9 5	0 88 7 11 0 5	6 53 5 8 6 5		192	113 7 19 -	2.6 3 2 2 5 2 2 2 0 1 8 1 2 
Renter occupied housing units		80 3 2	2 40	9 143	11 9:	29 47	2 241	154	131	2.0
BEDROOMS None 2 3 or more		21 17 30 6	08 93	)9 24 32 70	57 5	85 18	- 27 51 32 24 37 21	31 18		1.1 1.4 2.5 4.0
YEAR STRUCTURE BUILT           1965 to 1968           1960 to 1964           1950 to 1959           1950 to 1959           1940 to 1949           1939 or earlier	1	37 05 58	32 65 1 16 1	52 87 14 1	37 78 79	61 78 88	43 33 3	5	108	30 3.4 2.5 2.8 1.9
UNITS IN STRUCTURE 1 2 3 and 4 5 to 9 10 to 19 20 concerne	2 2 2 2 2 0 1 0	265 192 10 192	40 7 27 5 73 2 96	37 4 49 3 73 1	47 2 45 34	07 96 72	42 1 36	4 12 8 1 4 1 8 	9 15	31 20 15 16 12
COMPLETE BATHROOMS 1 and 1 1/2 2 or more None or also used by another household		427 2 -	404 2 C	65	06 11 55	786 23 72	113 21 9 39	_	7 5	2.1 2.0 1.4
Hole of and over of vers. HOUSEHOLD COMPOSITION Twe-er-mere-person heuseholds. Mole head, wife present, no nonrelatives Under 25 years 35 to 34 years 35 to 34 years 45 to 64 years 65 years and over 0ther male head Under 65 years 65 years and over Female head Under 65 years 65 years and over 65 years and over.	s 3 1 1	801 848 115 468 953 417 427 311 116 546 372 174		450 450 243 279 552 545 331 289 192 97 670 545 545 311 289 565 545 125 125	446 421 234	595 144 312 126 101 12 47 28 19 187	229 14 34 75 58 11 15 15 15 15 15 15 128 101 27	6 72 71 71 11 11 6 6 7 6 5 4	14         131           12         91           12         91           15         15           16         37           24         32           -         8           -         8           -         8           -         32           32         33           -         -           -         -	45 2.4 21 22 23 21 27 28 22 10
GROSS RENT AS PERCENTAGE OF INCO Specified rester occupied? Less than 10 percent	<b>DME</b> 8 1 1 1 1 2	930 3 036 787 418 908 207	181 382 400 286 470	<b>399</b> <b>3</b> 95 546 347 236 356 442 77	414 186 414 259 151 160 194 50	<b>917</b> 129 204 205 112 142 74 51	<b>467</b> 70 123 88 60 29 77 20	51	54 13) 10 1, 30 4 41 22 20 1 20 1 20 1 12 1 20 1	2.4 7 2.4 7 2.4 9 2.2 1.9
Kor computed     Limited to one-family homes on less	than 10 acres an	d no business on		xcludes one-famil	y homes on 10 d	ocres or more.		YORK	, PA., SMS/	243-1

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

	(0010 00000 0	o sumple, see	iexi, rormina	mum base for	derived figures (percent, median, etc.) and meaning a	of symbols, see	text]		
York	Total	Less than 2 months	2 up to 6 months	6 months or more	York	Total	Less than 2 months		6 months or more
Vecant for sale	118	26	50	42	Vacant for rent	314	105	135	74
KOOMS					ROOMS			1 1	
1 to 3 rooms 4 rooms	10	-3	3	8	] room				
5 rooms6 rooms	19	-	14	5	2 rooms	42	11	27	ī
7 rooms or more	30 39	15	12	3	3 rooms	108	56	15	37
PLUMBING FACILITIES	57	0	18	13	4 rooms 5 rooms 6 rooms	53 42 37	17	28 28 25	8
With all plumbing facilities			1		7 rooms or more	24	8	4	12
Lacking some or all plumbing facilities	115	26	50	39		1 1			1
	Ĩ	-	~	3	PLUMBING FACILITIES				Ĩ
BEDROOMS					MCAL D. L. M. M. MARK				Ì
None and 1					With all plumbing facilities Lacking some or all plumbing facilities	268	93	109	65
2	67	36	- [	-	cocking some of oil promoting focilities	40	12	26	8
3	18	30	18	31	BEDROOMS				
4 or more	37	-	19	18			1		
YEAR STRUCTURE BUILT				_	None1	12 118	43	12	12
1969 to March 1970	~	_			2	75	16	47	12
700 10 1968	6	2	4	_	3 or more	55	16	27	12
1950 to 1959 1949 or earlier	3	3		_	YEAR STRUCTURE BUILT				1
	109	21	46	42	TEAK STRUCTURE BUILT				
UNITS IN STRUCTURE					1969 to March 1970			ſ	
3					1960 to 1968	21	5	11	
2 or more	88	26	40	22	1950 to 1959	-	-1		-1
	30	-	10	20	1949 or earlier	293	100	124	69
HEATING EQUIPMENT					UNITS IN STRUCTURE				
Steam or hot water Warm air furnace	71	20	30	21	1				
Built-in electric units	36	6	12	18	1 2 to 4	73 132	17	29	27
ridor, wall, or pipeless turnace	ā	-	- B	-	5 to 9	73	59 24	57 29	16 20
Uner means	3	_			10 to 19	18	5	6	7
None	-	-	-	_	20 or more	18	-	14	4
SALES PRICE ASKED					RENT ASKED				
Specified vocant for sole	88	26	40			1			
Less Inon 55 (KR)	11	4	4	22 3	Specified vocant for rent ²	314	105	135	74
\$5,000 to \$9,999 \$10,000 to \$14,999	55	15	27	13	\$50 10 \$59	58 36	22 22	19	17
312,000 to \$19 999	16	5	7	4	\$60 to \$79	157	44	8	6 36
\$20,000 to \$24,999	-1	2	-1	2	\$80 to \$99	30	8	14	8
\$25,000 to \$34,999 \$35,000 to \$49,999		-	-	-	\$100 to \$119 \$120 to \$149	8	4	4	
300.000 or more	2	-	2	-	\$1.30 10 \$199	10	-	3	7
Median price asked	-	-	-1	-	\$200 or more		-1	-1	-
				• • •	Median rent asked	\$68	\$64	\$71	

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

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

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

York	·		Soles price a	sked – Vocan	for sole!				Ren	it asked	Vocant fo	r rent?		
	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 01 500
Total	88	66	16	4			_					-1		
PLUMBING FACILITIES				-	-	-	2	314	94	157	30	18	15	-
With all plumbing facilities	122	30	54	19	-	-	19	185 75	32 47	114 28	-	12	27	-
BEDROOMS													-	-
None and 1 2 4 ar more	67 18 37	30	18 18 18	19	-	-	-	130 75 43	63 16	43 44 43 12		12	12 15	-
YEAR STRUCTURE BUILT					-	-	19	12	-	12	-	-	-	-
1969 to March 1970	- 2 3 83	- 3 63	2	-	-	-	-	21	9	5		-	7	-
UNITS IN STRUCTURE				4	-	~	2	293	85	152	30	18	8	-
2 to 4	· · · · · · ·		· · · · · · · · · · · · · · · · · · ·	••••	••••	••••		73 132 91	17 47 30	45 59 43	7 15 4	4 7 7	- 4 7	-
NCLUSION OF UTILITIES IN RENT					• • •	•••		18	-	10	4	-	4	-
N stillet metoder														
iome or no utilities included	• • •	• • •			• • •			71 243	27 67	24 133	7	6	7	

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

PA. SMSA

perty. »Excludes one-family homes on 10 ocres or more.

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 1000 to	••
Comparability with 1960 data	Арр-2
LIVING QUARTERS	Арр-З
Housing units	
C	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
App-4
App-4
App-4
App-4
•••
App-4
App-4
App-5
App-5

### UTILIZATION

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CHARACTERISTICS	App-5
Persons	App-5
Rooms	App-5
Persons per room	App-0
Bedrooms	App-5
Bedrooms	App-5

### STRUCTURAL AND PLUMBING

CHARACTERISTICS	App-5
Direct access	Ann-5
Complete kitchen facilities	Ann-5
Year structure built	App-6
Units in structure	App-6
Elevator in structure	Ann-6
Plumbing facilities	App-6
Complete bathrooms	App-6

#### EQUIPMENT, FUELS, AND APPLIANCES

AFPLIANCES	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	
Ourpad as a state	App-7
Owned second home	App-7

### FINANCIAL

CHARACTERISTICS	App-7
Value	App-7
Sales price asked	App-7

Gross rent	A O
Rent asked	App-8
Valueincomo máis	App-8
Value-income ratio	App-8
Gross rent as percentage of	
income	App-8
HOUSEHOLD	
CHARACTERISTICS	Ann 9
Head of household	App-8
Household composition	Арр-8
Nonrelativo	App-8
Nonrelative	App-9
Family or primary individual	App-9
Income in 1969	Арр- <del>9</del>
FACSIMILES	
Housing Pages in the 1970	App-10
Census Questionnaires	A 40
Respondent Instructions for the	Арр-10
Housing Questions in the 1970	
	Ann 12
······································	App-13

### GENERAL

Self-enumeration and census questionnaire.-As stated in the introductory text of this report, the 1970 census was conducted primarily through selfenumeration. 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 mechancial refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

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

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960, data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I. Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

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

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

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

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

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, monasteries, 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, households 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. "Yearround" 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 yearround. 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 yearround 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 App13.) 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 airconditions 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 sometimes 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 onefamily 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 onefamily 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-forrent 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 nonrelatives.—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 nonrelatives 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 "oneperson 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.

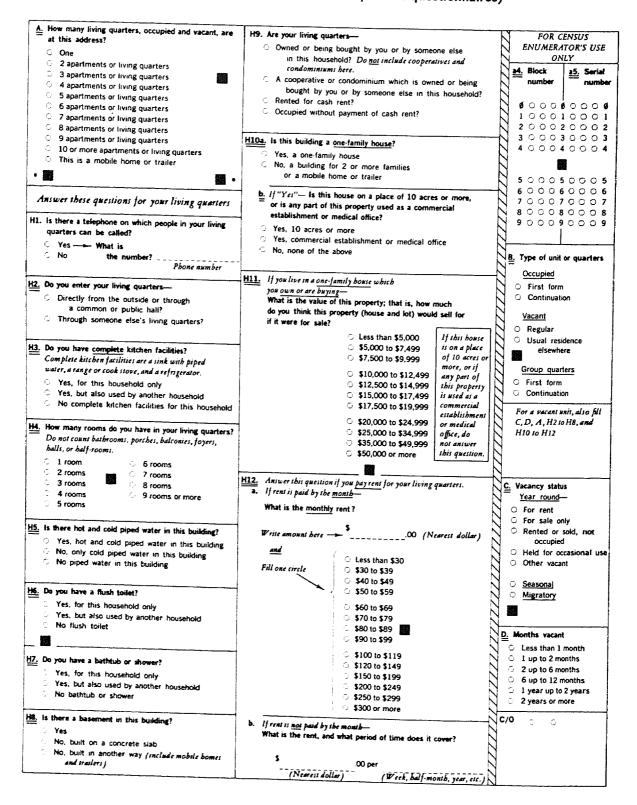
Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as 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 retirement, 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.

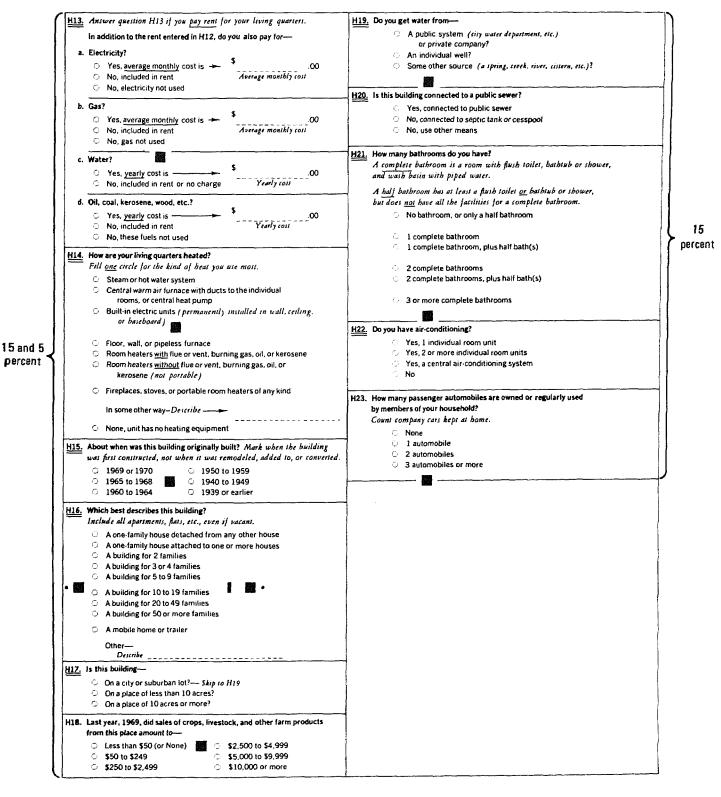
Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank 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)



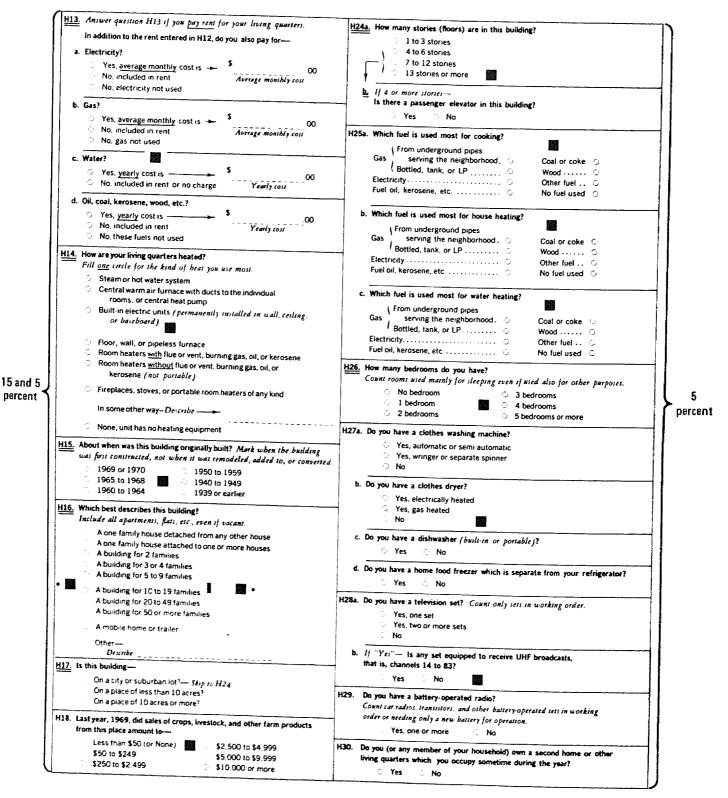
### **APPENDIX B**—Continued

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



### **APPENDIX B—Continued**

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



### **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 guarters are located.
- 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.
- H5, 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 A	pp-14
EDITING OF UNACCEPTABLE	
DATA A	
SAMPLE DESIGN A	pp-14
RATIO ESTIMATION A	pp-15
SAMPLING VARIABILITY A	pp-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 renteroccupied unit.

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

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

The extent of allocations for nonresponses 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 5percent 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 15percent 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-

TABLE A.	Sample Rate 1	for	Subjects	Included in	This	Report
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Subject	Sample rate (percent)	Subject	Sample rate percent
Subject OCCUPANCY CHARACTERISTICS Occupied housing units Tenure Race Spanish heritage Year moved into unit VACANCY CHARACTERISTICS Vacant for sale Vacant for rent Duration of vacancy	(percent) 20 20 20 15 15 15 20 20	EQUIPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Clothes washing machine Clothes dryer Dishwasher Home food freezer FINANCIAL CHARACTERISTICS Value	. 20 . 15 . 5 . 5 . 5 . 5 . 5 . 5
UTILIZATION CHARACTERISTIC Number of rooms Size of household (persons) Persons per room Bedrooms	20 20 20 20	Sales price asked Gross rent Rent asked Inclusion of utilities in rent Value-income ratio	. 20 . 20 . 20
PLUMBING CHARACTERISTICS Plumbing facilities Complete bathrooms		Gross rent as percentage of income	s
STRUCTURAL CHARACTERISTIC Complete kitchen facilities	. 20 . 20 . 20 . 20 . 20 . 20	Household composition Income	

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

### **RATIO ESTIMATION**

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do 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 householdtype 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			
	Child	ren Und		0111			
1	1-person household						
2	2-person household						
3	3-person household						
•	•						
•							
6	6-o ha		erson hoi	JSE-			
	Male	Head	Without	Own			
	Child	ren Unde	er 18				
7-12	1-pe	erson to	6-or-more	3-			
	pe	rson hou	seholds				
	Female	Head					
13-18	1-pe	rson to (	3-or-more	-			
		son hou					
	ST	rage II					
	Owner	Occupied	1				
19	Negr	0					
20	Not	Negro					
	Renter	Occupied	1				
21	Negr	0					
22	Not	Negro					

Vacant housing units:

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

23

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 fourfifths 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 20percent 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 21/2 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.

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

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

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100 can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

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

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

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

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

Estimated	Number of housing units in area ²								
number ¹	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			
15,000		150	230	240	200	200 240	200 240		
25,000			270	300	310	240 310	240 320		
50,000			320	400	440	310 440	320 440		
5,000			270	450	520	440 540	440 540		
100,000		•••		490	600	540 620	630		

¹ For 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

# 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	Base of percentage								
percentage	500	1,000	2,500	10,000	25,000	100,000	250,000		
2 or 98	1.3 2.0 2.7 3.9 4.5	0.9 1.4 1.9 2.7 3.2	0.6 0.9 1.2 1.7 2.0	0.3 0.4 0.6 0.9	0.2 0.3 0.4 0.5	0.1 0.1 0.2 0.3	0.1 0.1 0.1 0.2		

	Factor if sample rate is—			Characteristic ¹	Factor if sample rate is-			
Characteristic ¹			5 percent	Characteristic*	20 percent	15 percent	5 percent	
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES				
Year moved into unit		1.1		Heating equipment	0.8	0,9		
Duration of vacancy	0.8	•••	1.7	Air conditioning		1.1	•••	
				Automobiles available		1.0	•••	
UTILIZATION CHARACTERISTICS				Appliances			1.9	
Rooms	1.0	1.1	2.1					
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS				
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1	
Bedrooms			2.1	Value-income ratio	1.0	1.2		
				Gross rent	0. <del>9</del>	1.1	2.1	
PLUMBING CHARACTERISTICS				Gross rent as percentage of income	1.0	1.2	•••	
Complete bathrooms		1.1		Sales price asked	1.1		2.5	
Plumbing facilities	1.0			Rentasked	1.1		2.5	
STRUCTURAL CHARACTERISTICS				HOUSEHOLD CHARACTERISTICS				
Units in structure	0.8	0.9	1.7	Household composition	0.6	0.7	•••	
Year structure built	0.9	1.0		Income in 1969	1.0	1.2	2.3	
				ALL OTHERS	1.0	1.2	2.2	

### TABLE D. Factor to be Applied to Standard Errors

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. Crosstabulations 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 lby urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

### **APPENDIX D**—Continued

#### 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 crossclassified 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 remorts, 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 proverty 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 availablesubject to suppression of certain detail where necessary to protect confidentialityon 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)-S. HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.
- Third Count-source of the HC(3) reports: contains about 250 cells of data on the subjects covered in the PCI1)-B and HC[1]-A records 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. **MB05** 

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 imate, 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 canfidentiality. 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 and metropolitan-nonmetrourban-tural politen detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

# Metropolitan Housing Characteristics

YOUNGSTOWN-WARREN, OHIO STANDARD METROPOLITAN STATISTICAL AREA



A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

HC(2)-244

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

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## Social and Economic Statistics Administration

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

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# 1970 CENSUS OF HOUSING

# Metropolitan Housing Characteristics

# YOUNGSTOWN-WARREN, OHIO STANDARD METROPOLITAN STATISTICAL AREA

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

For list of contents see page VIII

# LIST OF HC(2) REPORTS

Report number		Report		Report	t
	Area	number	Area	numbe	r Area
1	United States and Regions	43	Chattanooga, TennGa. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
2	Abilene, Tex. SMSA	44	Chicago, III. SMSA	86	Greenville, S.C. SMSA
3	Akron, Ohio SMSA	45	Cincinnati, Ohio-KyInd. 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, PaN.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8 9	Altoona, Pa. SMSA	50	Columbus, GaAla. SMSA	92	Huntington-Ashland, W. VaKy Ohio SMSA
1	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	93	Huntsville, Ala. SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
12	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-III. SMSA	97	Jacksonville, Fla. SMSA
14	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jersey City, N.J. SMSA
15	Atlanta, Ga. SMSA	57	Decatur, III. SMSA	99	Johnstown, Pa. SMSA
10	Advanta Otto - 11 d. Onto -				
16	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	100	Kalamazoo, Mich. SMSA
17	Augusta, GaS.C. SMSA	59	Des Moines, Iowa SMSA	101	Kansas City, MoKans. SMSA
18 19	Austin, Tex. SMSA	60	Detroit, Mich. SMSA	102	Kenosha, Wis. SMSA
20	Bakersfield, Calif. SMSA	61	Dubuque, Iowa SMSA	103	Knoxville, Tenn. SMSA
20	Baltimore, Md. SMSA	62	Duluth-Superior, MinnWis. SMSA	104	La Crosse, Wis. SMSA
21	Baton Rouge, La. SMSA	63	Durham, N.C. SMSA	105	
22	Bay City, Mich. SMSA	64	El Paso, Tex. SMSA	105	Lafayette, La. SMSA
23	Beaumont-Port Arthur-Orange, Tex. SMSA	65	Erie, Pa. SMSA		Lafayette-West Lafayette, Ind. SMSA
24	Billings, Mont. SMSA	66	Eugene, Oreg. SMSA	107	
25	Biloxi-Gulfport, Miss. SMSA	67	Evansville, IndKy. SMSA		Lancaster, Pa. SMSA
				103	Lansing, Mich. SMSA
26	Binghamton, N.YPa. SMSA	68	Fall River, MassR.I. SMSA	110	Laredo, Tex. SMSA
27	Birmingham, Ala. SMSA	69	Fargo-Moorhead, N. DakMinn. SMSA	111	Las Vegas, Nev. SMSA
28	Bloomington-Normal, III. SMSA	70	Fayetteville, N.C. SMSA		Lawrence-Haverhill, MassN.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 I surject to 11.11		
32	Bristol, Conn. SMSA	1	Fort Lauderdale-Hollywood, Fla. SMSA		Lexington, Ky. SMSA
33	Brockton, Mass. SMSA	74	Fort Smith, ArkOkla. SMSA	116	Lima, Ohio SMSA
34	Brownsville-Harlingen-San Benito, Tex. SMSA	75 76	Fort Wayne, Ind. SMSA		
35	Bryan-College Station, Tex. SMSA	70 77	Fort Worth, Tex. SMSA		Little Rock-North Little Rock, Ark. SMSA
			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, KyInd. SMSA
38	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	122	Lowell, Mass. SMSA
39	Champaign-Urbana, III. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA	123	Lubbock, Tex. SMSA
40	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA		Luddock, Tex. SMSA Lynchburg, Va. SMSA
41	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA		Macon, Ga. SMSA
42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	126	Madison, Wis. SMSA
11				120	manany malaman

Report number	Агеа	Report number	Area	Report number	Area
	,				
				211	Springfield-Chicopee-Holyoke, Mass Conn. SMSA
127	Manchester, N.H. SMSA	169	Pittsfield, Mass. SMSA		Stamford, Conn. SMSA
128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Steubenville-Weirton, Ohio- W. Va. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, OregWash. SMSA		Stockton, Calif. SMSA
130	Memphis, TennArk. SMSA	172	Providence-Pawtucket-Warwick, R.IMass. SMSA	214	Syracuse, N.Y. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Sylacuse, M. I romer r
			Quelle Cele CMCA	216	Tacoma, Wash. SMSA
132	Miami, Fla. SMSA	174	Pueblo, Colo. SMSA Racine, Wis. SMSA	217	Taliahassee, Fla. SMSA
133	Midland, Tex. SMSA	175	Racine, wis. SMSA Raleigh, N.C. SMSA	218	Tampa-St. Petersburg, Fia. SMSA
134	Milwaukee, Wis. SMSA	176	Reading, Pa. SMSA	219	Terre Haute, Ind. SMSA
135	Minneapolis-St. Paul, Minn. SMSA	177	Reno, Nev. SMSA	220	Texarkana, TexArk. SMSA
136	Mobile, Ala. SMSA	178	Neno, Nev. Smort		
		179	Richmond, Va. SMSA	221	Toledo, Ohio-Mich. SMSA
137	Modesto, Calif. SMSA	180	Roanoke, Va. SMSA	222	Topeka, Kans. SMSA
138	Monroe, La. SMSA	181	Rochester, Minn. SMSA	223	Trenton, N.J. SMSA
139	Montgomery, Ala. SMSA	182	Rochester, N.Y. SMSA	224	Tucson, Ariz. SMSA
140	Muncie, Ind. SMSA	183	Rockford, III. SMSA	225	Tuisa, Okia. SMSA
141	Muskegon-Muskegon Heights, Mich. SMSA				
142	Nashua, N.H. SMSA	184	Sacramento, Calif. SMSA	226	
	Nashville-Davidson, Tenn. SMSA	185		227	
1	New Bedford, Mass. SMSA	186		228	Utica-Rome, N.Y. SMSA
145		187		229	Vallejo-Napa, Calif. SMSA
145		188		230	Vineland-Millville-Bridgeton, N.J. SMSA
1					
147	New London-Groton-Norwich, Conn. SMSA	189	Salinas-Monterey, Calif. SMSA	231	Waco, Tex. SMSA
	New Orleans, La. SMSA	190	and the state of t	232	
	New York, N.Y. SMSA	191		233	
	Newark, N.J. SMSA	192	San Antonio, Tex. SMSA	234	
151		193	San Bernardino-Riverside-Ontario, Calif. SMSA	235	West Palm Beach, Fla. SMSA
	·····				MAL HAR WING OND SMCA
152	Norfolk-Portsmouth, Va. SMSA	194	San Diego, Calif. SMSA	236	01104
153		195	San Francisco-Oakland, Calif. SMSA	237	AND A DIA TO ANALY
	Odessa, Tex. SMSA	198	San Jose, Calif. SMSA	238	The second
155		197	/ Santa Barbara, Calif. SMSA	239	
156	Oklahoma City, Okla. SMSA	198	3 Santa Rosa, Calif. SMSA	240	Withington, Der Har mer Sherr
				241	Wilmington, N.C. SMSA
157	Omaha, NebrIowa SMSA		3 Savannah, Ga. SMSA	24	
158	Criando, Fla. SMSA		O Scranton, Pa. SMSA	243	
159	Owensboro, Ky. SMSA		1 Seattle-Everett, Wash. SMSA		Youngstown-Warren, Ohio SMSA
160			2 Sherman-Denison, Tex. SMSA		t ( Congato the construction of the constructi
16	Paterson-Clifton-Passaic, N.J. SMSA	203	3 Shreveport, La. SMSA	24	5 Caguas, Puerto Rico SMSA
1			4 Sioux City, Iowa-Nebr. SMSA	240	
	2 Pensacola, Fla. SMSA	20		24	
16		20	6 South Bend, Ind. SMSA		8 San Juan, Puerto Rico SMSA
16		1			
16	•	20			
16		20			
16		20			
16	8 Pittsburgh, Pa. SMSA	1 21	u opragaeu, one oner		~ 11

### ~ 111

# 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 (1) 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		s V Number r of	f in	by age of	n Size of f household	d Duration	
OCCUPANCY AND VACANCY CHARACTERISTICS Year moved into unit Duration of vacancy	1, 11*, 19† _	2, 12*, 20† -	3, 13*, 21†	9 ¹		6, 16*, 241	_	· · · · · · · · · · · · · · · · · · ·	U) Telecory	- 9
UTILIZATION CHARACTERISTICS Number of rooms Size of household (persons) Number of bedrooms Persons per room	1, <b>11*</b> , 19†	2, 12*, 201	3, 13*, 21t 3, 13*	5, 15*, 23† 4, 14*, 22† –		6, 16*	8, 18*, 26† –	· 8, 18*	- 9	
PLUMBING CHARACTERISTICS Plumbing facilities	1 11# 10+	2, 12*, 20† 2, 12*, 20† 2, 12*, 20†	4, 14*, 22† –		0,10,201		_		9	10 - -
STRUCTURAL CHARACTERISTICS Units in structure Year structure built Elevator in structure	1 11* 10+	6, 16*, 24† 2, 12*, 20† 2, 12*	6, 16*, 24† 3, 13*, 21† 	6, 16*, 24† 4, 14*, 22† -	6, 16*, 24† 5, 15*, 23† _		7, 17*, 25†			10 10
EQUIPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer	1, 11*, 19† - - - -	2, 12*, 20t - - - - - - - - - - -	3, 13*, 21† 3, 13*, 21† 3, 13* 3, 13* 3, 13* 3, 13* 3, 13* 3, 13*	4, 14*, 22t - - - - - - - -		6, 16*, 24† 6, 16*, 24† 6, 16*, 24† 			9	
FINANCIAL CHARACTERISTICS Value income ratio Gross rent . Gross rent as percentage of income . Gross rent as percentage of income by income Sales price asked . Rent asked	-		1, 11*, 19† 	1, 11*, 19† 4, 14*, 22† 2, 12*, 20† 4, 14*, 22† 10 ¹ 10 ¹	- 1, 11*, 19† 5, 15*, 23† 2, 12*, 20† 5, 15*, 23† - -	- 6, 16*, 24† - - -	7, 17*, 25† 7, 17*, 25†		- - - - - - - - 9	
HOUSEHOLD CHARACTERISTICS HOUSEHOLD CHARACTERISTICS	- 3, 11*, 19†	-	- 7, 17*, 25†	7, 17*, 25†	- - 3, 13*, 21†	10 - 7, 17*, 25† 6, 16*, 24† 7	- - 7, 17*, 25t	- 8, 18*, 26† 3, 13*, 21†	9 	10

¹Vacant units tabulated by plumbing facilities only.

### INTRODUCTION

#### APPENDIXES

Α.	Area Classifications	App-1
В.	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	\Л
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 owneroccupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

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

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

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

### INTRODUCTION—Continued

Derived figures (medians, etc.) .--Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal partsone-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 questionaire, 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

# Youngstown-Warren, Ohio 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 244.]

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
Total SMSA Warren Youngstown	A B C	<i>Pages</i> 1 to 9 18 to 26 27 to 35	Pages 10 to 17  36 to 43	Pages 

### 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

- 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



X١

### 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]

	[Data based on	sample, see tex	ct. For minin	um base for	derived figure	is (percent, m	edion, etc.) on	a meaning or :	symbols, see	rextj		
The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied'	107 736	3 326	6 798	10 011	13 558	13 375	26 676	16 407	11 891	4 214	1 480	16 200
ROOM5           1 and 2 rooms           3 rooms           4 rooms           5 rooms           6 rooms           8 rooms or more           7 Median	257 1 208 11 264 34 803 36 874 13 963 9 367 5.7	94 397 912 953 667 197 106 4.8	44 242 1 357 2 262 1 980 597 316 5.3	31 224 1 582 2 948 3 702 959 565 5.6	17 145 2 077 3 833 5 100 1 485 901 5.6	28 47 t 870 4 325 4 938 1 376 791 5.6	28 65 2 592 11 287 8 747 2 612 1 345 5.4	10 52 652 6 381 6 046 2 240 1 026 5.7	5 24 197 2 507 4 724 2 809 1 625 6.2	12 15 264 851 1 454 1 618 7.2	- 10 43 119 234 1 074 7.5 +	7 000 7 100 12 100 16 400 16 100 19 500 23 200 
PERSONS         1 persons         2 persons         3 persons         4 persons         5 persons         6 persons or more         Median         Units with roomers, boarders, or lodgers	10 136 29 096 19 853 20 546 14 124 13 981 3.2 1 693	953 1 050 461 298 232 332 2.2 121	1 435 2 225 1 087 801 487 763 2.4 245	1 569 3 318 1 645 1 263 1 066 1 150 2.6 274	1 833 4 114 2 418 2 255 1 418 1 520 2.8 274	1 167 3 779 2 561 2 595 1 599 1 674 3.2 213	1 769 6 702 5 230 5 591 3 696 3 688 3.4 319	800 3 841 3 155 3 789 2 702 2 120 3.6 113	395 2 749 2 273 2 735 1 970 1 769 3.7 86	141 981 759 953 734 646 3.7 28	74 337 264 266 220 319 3.7 20	11 500 15 000 16 600 17 800 18 100 16 900  11 900
PLUMBING FACILITIES BY PERSONS PER ROOM           With all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           0.50 or less           0.50 or less           0.51 to 1.50           1.51 to 1.50           0.50 or less           0.51 to 1.00           1.51 to 1.50           1.51 or more           1.51 to 1.50           1.51 or more	105 425 50 326 48 183 6 196 720 2 311 1 275 712 255 69	2 498 1 534 750 152 62 828 482 234 83 29	6 329 3 784 2 020 423 102 469 246 158 48 17	9         665           5         534           3         456           586         89           346         194           110         33           9         9	13 336 7 183 5 320 725 108 222 143 42 32 5	13 275 6 315 6 052 838 70 100 63 28 9 -	26 505 11 009 13 372 1 936 188 171 78 56 28 9	16 313 6 496 8 792 944 81 94 24 65 5 -	11 820 5 273 6 000 532 15 71 35 19 17 -	4 204 2 256 1 902 41 5 10 10 - -	2 480 942 519 19 - - - - - -	16 400 15 300 17 400 12 500 6 700 6 600 6 900 7 300 
BEDROOMS None and 1 2	63 612	830 1 418 806 289	427 2 679 2 255 660	370 3 616 4 555 999	435 4 194 7 763 1 708	234 3 763 7 878 1 866	373 6 049 16 866 3 391	162 2 345 11 570 2 102	22 1 102 8 934 2 105	56 183 2 475 1 292	- 42 510 1 015	8 800 13 000 17 500 17 800
YEAR STRUCTURE BUILT           1969 to March 1970           1965 to 1968           1960 to 1964           1950 to 1959           1940 to 1949           1939 or earlier	1 453 5 870 11 481 32 192 13 790	5 20 54 319 291 2 637	10 26 80 505 590 5 587	4 20 104 890 1 195 7 798	12 54 336 2 242 1 940 8 974	19 86 689 3 538 2 151 6 892	103 858 3 122 11 113 4 553 6 927	311 1 524 3 157 7 335 1 667 2 413	554 1 964 2 696 4 595 999 1 083	337 940 935 1 270 294 438	98 378 308 385 110 201	29 700 26 800 22 100 18 900 15 700 11 500
COMPLETE BATHROOMS 1 and 1 1/22 and 2 1/23 or mare None or also used by another household	13 518	2 235 66 22 982	6 083 259 697	9 070 397 32 533	12 263 722 13 385	12 134 947 24 163	24 220 2 259 96 180	14 062 2 358 66 113	8 347 3 226 137 72	1 445 2 462 376 12	174 822 437 -	15 600 24 500 43 400 7 100
HOUSEHOLD COMPOSITION Tws-er-more-person households	97 600 86 017 1 785 13 527 20 348 39 474 10 883 3 293 2 357 9 36 8 290 5 857 2 433 10 136 4 594	2 373 1 686 1 686 179 284 718 465 206 133 73 481 331 150 <b>953</b> 434 519	5 363 4 006 86 409 607 1 866 1 038 392 274 118 965 615 350 1 435 592 843	8 442 6 790 156 823 1 210 3 066 1 535 429 272 157 1 223 811 412 1 569 626 943	11 725 9 846 266 1 410 1 867 4 400 1 903 600 371 229 1 279 827 827 452 1 833 753 753 1 080	12 208 10 752 344 1 765 2 226 4 918 1 499 377 285 92 1 079 1 079 331 1 167 486 681	24 907 22 613 561 4 076 5 520 10 286 2 170 566 440 1 728 1 327 401 1 769 898 871	15 607 14 363 230 2 581 3 960 6 481 1 111 351 270 81 873 691 202 200 800 451 349	11 496 10 807 69 1 788 3 014 5 168 768 768 768 244 205 39 445 345 345 345 345 345 345 345 345 345	4 073 3 824 33 391 1 213 1 917 270 87 71 16 162 137 25 141 87 54	1 406 1 330 105 447 654 124 41 36 5 35 25 10 74 39 35	16         700           17         100           15         000           17         700           18         600           13         300           13         600           13         300           13         300           13         300           13         300           13         300           13         300           13         300           13         300           13         700           11         700           12         100           11         100
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$5,000 to \$4,999 \$5,000 to \$5,999 \$7,000 to \$5,999 \$7,000 to \$5,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$14,999 \$25,000 ar mare	4 018 3 528 3 175 4 295 24 336 34 098 19 370 4 143	805 313 253 167 222 259 721 412 161 13 \$5 600	1 176 665 442 341 431 460 1 659 1 111 464 49 49 \$6 700	1 285 749 568 439 529 518 2 658 2 375 814 76 \$8 000	1 350 818 642 630 644 3 459 3 835 1 431 147 \$8 800	702 432 543 413 442 629 3 710 4 405 1 877 222 \$9 900	1 164 649 596 692 6983 6 816 9 845 4 720 515 \$10 900	487 248 288 331 314 478 3 304 6 374 4 103 480 \$12 200	208 88 160 140 141 246 1 582 4 589 3 846 891 \$13 700	86 46 21 39 48 61 375 1 010 1 605 923 \$17 600	57 10 15 11 17 52 142 349 827 \$29 700	10 700 10 900 12 000 12 700 12 200 13 600 15 000 17 500 20 300 31 400 
YEAR MOVED INTO UNIT           1969 to March 1970	7 843 6 320 5 739 10 516 20 255 34 799	138 150 137 174 441 1 003 1 262	224 250 318 493 917 2 068 2 769	544 346 888 1 522 2 622 3 748	1 895 3 907	953 727 586 1 073 2 337 4 330 3 262	) 554 1 408 2 641 5 382 9 819	1 399 1 086 962 1 829 3 800 5 912 1 611	1 260 1 089 858 1 488 2 714 3 667 706	534 412 372 621 987 1 109 260	254 143 123 176 260 362 115	18 500 18 700 18 000 17 600 17 900 16 700 11 900
HEATING EQUIPMENT Steam or hot water Warm-air furnace Built-in electric units Floor, wall, or pipeless furnace Other means	- 6 183 - 92 557 - 549 - 1 390 - 7 017	61 2 339 23 95 803 5	193 5 469 24 188 906 18	337 8 576 17 201 875 5	75 360	599 11 615 70 209 882	23 818 109 193	1 018 14 536 64 84 705	1 180 10 236 103 39 333	790 3 283 48 21 72 -	348 1 091 16  25 -	21 200 16 300 17 200 11 500 12 200 
None AIR CONDITIONING Room unit(s) Central system Nane	- 14 195 3 199	167 34 3 104	425 44 6 570	933 49 9 050	1 449 84	1 707 194 11 367	447	384	1 706 730 9 346	697 698 2 900	209 535 689	17 800 30 000 15 700

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

10

### 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]

	[Dava babes	on somple, or	DE TEXT. TOT T	mininom bose		igures (perce	an, median, e	sic.) ullu mea	ning of symbo	DIS, See Text]			
The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	to	to to	to	to	\$300 or more	No cosh rent	Median (dollars)
Specified reater occupied!	38 691	2 064	1 859	2 407	3 482	7 730	6 752	6 555	4 411	983	62	2 386	102
ROOMS													
1 room. 2 rooms. 3 rooms. 4 rooms. 5 rooms. 6 rooms. 7 rooms. 8 rooms or more. Median.	1 239 1 627 6 895 11 134 9 276 5 776 1 747 997 4.3	438 380 730 386 63 42 11 14 2.8	174 250 533 521 304 50 14 13 3.4	132 173 930 544 404 163 34 27 3.5	95 164 852 1 200 818 280 61 12 4.0	122 202 1 262 2 493 2 151 1 168 242 90 4.4	130 126 846 1 764 2 002 1 366 374 144 4.8	181	73 323 1 606	5 19 190 288 307 104	23 5 15 13 6	58 73 178 615 436 532 274 220 5.1	59 68 84 101 107 113 120 131
PERSONS													
I person	9 648 11 314 7 010 4 919 2 778 3 022 2.4 986	1 487 343 135 43 38 18 1.2 42	1 017 399 168 143 89 43 1.4 36	930 705 361 196 71 144 1.9 72	1 063 1 043 648 342 149 237 2.2 83	1 612 2 300 1 591 1 041 580 606 2.5 204	1 023 1 955 1 434 1 075 551 714 2.8 209	1 081 2 283 1 227 821 498 645 2.5 127	630 1 339 960 696 439 347 2.7 149	84 266 137 232 153 111 3.5 36	24 23 - 4 11 -  9	697 658 349 326 199 157 2.3 19	80 106 110 113 111  104
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plushing facilities           0 50 or less           0 51 re 1 00           1 51 re 1 50           1 51 or more           Lacking soons or ell plumbing facilities           0 50 or less           0 51 re 1 00           1.01 re 1 50           1.01 re 1 00           1.01 re 1 50           1.01 re 1 50           1.01 re 1 50           1.51 or more	36 556 17 646 16 461 1 946 503 2 135 846 1 648 127 114	1 475 1 047 384 34 10 589 229 321 21 18	1 478 940 433 90 15 381 180 182 19 -	2 100 1 112 844 115 29 307 118 134 34 21	3 266 1 690 1 297 205 74 216 82 104 6 24	7 505 3 460 3 442 479 124 225 73 91 42 19	6 595 2 726 3 352 421 96 157 40 97 20	6 527 2 889 3 264 307 67 28 24 4 -	4 396 1 952 2 212 40 15 5 10	978 426 511 31 10 5 - - -	48 30 9 14 - 14 -	2 188 1 374 713 72 29 198 90 91 5 12	104 99 109 101 98 60 58 59 66 75
BEDROOMS													
None	1 433 10 684 16 660 10 628	593 1 386 345 71	171 655 465 187	166 1 164 657 286	63 1 373 1 365 628	125 2 064 3 651 1 926	122 1 454 3 308 1 931	107 1 748 2 633 2 254	393 2 650 1 608	40 249 470	21 43 -	65 407 694 1 267	55 84 107 116
1969 to March (970 1965 to 1968 1960 to 1964	1 222 3 916 2 663 4 308 4 957	113 126 109 79 202	17 51 58 181 156	45 81 138 155 251	53 99 123 285 472	36 193 288 728 1 333	45 267 300 828 1 065	342 1 114 608 1 014 832	378 1 497 766 546 350	178 386 135 87 26	5 19 18 6	10 83 120 399 270	146 150 133 113 99
ELEVATOR IN STRUCTURE	21 625	1 435	1 396	1 737	2 450	5 152	4 247	2 645	874	171	14	1 504	92
4 floors or more With eleveter Wolk-up 1 to 3 floors	1 483 1 295 188 37 322	527 488 39 868	103 79 24 1 375	104 41 63 2 169	67 67 3 362	213 193 20 7 553	169 146 23 6 646	43 24 19 6 699	103 103	91 91	42 42 22	21 21	70 74
COMPLETE BATHEOOMS						/ 335	0 040	0 077	4 548	668	~~~	2 412	103
1 and 11/2 2 or more Mane ar also used by another household INCOME IN 1969	34 390 1 499 2 797	1 309 57 621	1 407 31 535	2 048 41 373	3 093 72 330	7 142 170 380	6 285 200 191	6 251 219 58	4 134 244 20	843 193 -	11 32 22	1 867 240 267	104 128 63
Less than \$2 000 \$2,000 to \$2,999 \$3,000 to \$2,999 \$4,000 to \$2,999 \$5,000 to \$2,999 \$5,000 to \$2,999 \$5,000 to \$2,999 \$7,000 to \$2,999 \$7,000 to \$1,4,999 \$10,000 to \$1	6 157 2 644 2 384 2 098 2 540 2 821 9 448 7 710 2 505 384 \$7 300	1 175 281 124 73 104 80 143 64 13 7 \$2000 -	654 237 209 157 125 113 256 87 10 11 \$3 200	632 271 222 123 229 194 402 267 67 - \$4 600	705 330 249 259 261 266 865 438 73 16 \$5 700	1 041 587 583 405 507 704 2 196 1 381 306 20 \$7 100	646 348 382 407 508 619 2 082 1 390 344 26 \$7 700	429 288 272 358 463 439 1 842 1 838 565 61 \$8 700	242 105 159 143 198 258 1 035 1 551 650 70 \$10 200	83 13 18 31 17 21 101 269 293 137 \$13 900	18 5 5 5 9 15	532 179 166 137 108 122 521 425 175 21 \$6 600	75 84 89 98 100 106 120 139 179 
19889 to March 1970	14 764	617	506	701			ļ						
(ମହଣ) 1962 1965 ସମ 1966 1965 ସମ 1964 1965 ସମ 1964 1966 ସମ 1964 1966 ସମ 1969	6 310 3 572 4 959 4 489 2 905 1 687	199 215 254 316 204 182	284 162 301 286 219 215	701 372 221 429 366 242 131	1 024 638 276 562 504 359 132	2 657 1 229 724 1 160 1 156 519 247	2 580 1 314 708 787 744 410 133	3 215 1 070 590 721 579 283 70	2 462 808 433 363 227 74 31	625 191 75 89 15 26 15	27 13 20 - - 5	350 192 148 293 296 564 531	113 105 103 94 89 86 74
GROSS RENT AS PERCENTAGE OF									51		-	100	
Less that 16 percent 16 is 14 percent 25 is 9 percent 25 is 9 percent 25 is 9 percent 35 percent or nore Not computed AR CONDITIONER4G	4 210 8 403 7 165 4 010 4 127 7 681 3 095	390 171 178 157 355 722 91	378 268 211 171 215 553 63	585 437 256 167 252 647 63	636 953 469 218 285 839 82	1 111 2 352 1 370 517 658 1 595 127	518 1 756 1 668 780 737 1 159 134	372 1 484 1 674 983 836 1 114 92	155 788 1 079 865 673 814 37	65 185 249 148 116 204 16	- 9 11 4 - 34 4	···· ···· 2 386	82 100 113 120 108 93 90
Roser (min), Commo system Rose Excludes and family hames ar 10 acres	6 442 1 831 36 413	94 24 ( 869	104 10 1 859	176 5 2 281	294 20 3 181	659 5 7 028	782 74 5 820	1 951 364 4 213	1 720 838 1 840	275 422 339	7 19 39	380 50 1 944	134 173 94

# 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)

I	(Data based o	n sample, see	text. For min	imum base for	derived figur	es (percent, m	nedian, etc.) ar	d meaning of :	symbols, see	rextj		
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	122 348	8 832	4 928	4 376	3 838	4 245	5 110	27 395	37 624	21 378	4 622	10 300
ROOM5         1 and 2 rooms           3 rooms	564 2 093 14 641 38 527 39 759 26 764	145 554 1 766 2 432 2 597 1 338	68 274 919 1 504 1 473 690	79 141 853 1 430 1 232 641	34 114 692 1 131 1 209 658	37 140 774 1 381 1 198 715	13 171 891 1 673 1 496 866	112 389 3 857 10 039 8 835 4 163	59 174 3 544 12 586 13 174 8 087	17 127 1 236 5 740 7 351 6 907	9 109 611 1 194 2 699	3 900 4 700 8 100 9 900 10 700 12 700
PERSONS 1 persons 2 persons 3 and 4 persons 5 persons 6 persons 6 persons or more Units with roomers, bearders, or lodgers	12 996 33 866 44 810 15 298 15 378 1 967	5 311 2 219 902 204 196 389	1 909 2 299 509 115 96 247	1 265 2 179 655 110 167 115	715 2 205 587 152 179 95	713 1 907 1 124 244 257 96	640 2 058 1 571 358 483 135	1 556 7 778 11 289 3 443 3 329 333	650 8 548 16 515 6 044 5 867 398	188 3 779 9 788 3 830 3 793 143	49 894 1 870 798 1 011 16	2 600 8 600 11 700 12 500 12 500 6 300
BEDROOMS Less than 3 3 4 or more	36 020 68 585 17 744	4 611 3 547 619	2 594 1 875 597	1 948 1 925 413	1 598 1 931 346	1 899 1 514 489	1 959 2 778 632	9 278 16 343 2 836	8 366 23 320 5 317	3 388 12 572 5 024	379 2 780 1 471	8 100 10 900 12 800
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	2 090 20 069 34 267 65 922	55 612 1 349 6 816	34 258 735 3 901	19 390 803 3 164	16 321 683 2 818	65 402 947 2 831	64 632 1 168 3 246	423 4 366 7 798 14 808	796 7 395 12 241 17 192	496 4 538 7 068 9 276	122 1 155 1 475 1 870	12 300 12 100 11 500 9 100
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 to 1967 1959 or earlier	9 529 7 402 40 751 64 654	347 332 1 780 6 406	176 164 824 3 725	196 123 1 066 3 078	202 77 829 2 708	378 235 1 120 2 605	413 319 1 460 2 807	2 597 1 951 10 456 12 020	3 334 2 715 14 037 17 606	1 573 1 178 7 583 11 258	313 308 1 596 2 441	10 700 10 900 11 000 9 700
SELECTED CHARACTERISTICS Automatic clathes washing machine Clathes dryer Dishwasher Home food freezer Owned second home With air conditioning Room unit(s) Central system Automobiles available:	86 897 84 361 22 837 41 906 4 015 19 460 15 961 3 499	3 811 2 966 1 814 194 660 575 85	2 390 1 958 180 1 178 92 431 343 88	2 018 1 786 381 1 229 18 372 296 76	2 197 1 807 172 997 60 381 320 61 2 469	2 320 2 096 375 1 164 79 411 336 75 2 979	3 529 3 073 381 1 493 150 682 578 104 3 450	20 130 19 090 3 434 9 257 733 3 432 2 961 471 15 356	28 659 29 266 7 262 13 810 1 271 6 574 5 657 917 13 902	17 584 18 099 7 168 8 836 1 018 4 812 3 966 846 4 188	4 259 4 220 3 028 2 128 400 1 705 929 776 659	11 200 11 600 14 200 12 700 12 600 12 300 14 300 8 600
2 3 or more	52 131 49 364 10 573	3 581 756 60	2 795 400 60	2 752 479 19	2 407 571 99	875 64	1 169	9 801 964	20 340 2 949	12 324 4 939	2 649 1 320	12 600 17 000
Renter occupied housing units	40 105	6 301	2 749	2 451	2 177	2 601	2 910	9 835	8 049	2 625	407	7 300
ROOMS           1 room	1 244 1 647 6 997 11 351 9 585 9 281	478 463 1 638 1 677 1 139 906	188 155 456 849 614 487	65 178 552 665 542 449	71 85 500 649 464 408	127 112 465 791 568 538	761	152 357 1 429 2 847 2 572 2 458	81 142 1037 2312 2148 2329	37 51 287 723 654 873	5 14 31 77 84 196	2 800 4 300 5 800 7 300 7 800 8 500
PERSONS 1 person 2 persons 3 and 4 persons 5 persons 6 persons or more Units with roomers, boarders, or lodgers	9 824 11 611 12 396 2 971 3 303 1 023	1 310 988 185 228	1 065 786 516 168 214 144	841 826 509 138 137 93	616 758 564 107 130 84	1	205 280	1 392 2 703 3 936 906 898 146	656 2 705 3 015 805 868 45	193 933 895 298 306 15	60 126 158 23 40 -	3 300 7 700 8 400 8 800 8 500 3 100
8EDROOMS None 23 or more	1 433 10 755 16 466 11 450	2 610 1 945		781 966	119 655 919 428	596 1 141	1 374	228 2 449 4 301 2 863	86 1 579 3 350 2 879	46 375 1 271 1 093	73 197 272	3 200 5 900 7 600 8 400
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or eorlier	1 240 6 673 4 482 27 710	857 560	93 383 239 2 034	344 268	86 305 246 1 540	348	3 407 3 385	1 507 1 141	312 1 628 980 5 129	147 773 319 1 386	33 121 61 192	8 500 8 400 7 700 6 900
YEAR MOVED INTO UNIT           1969 to March 1970           1968           1940 to 1967           1959 or earlier	13 539	808 2 352	1 044 456 955 364	385 787	908 301 755 235	418	3 439 3 854	1 889 3 357	3 143 1 360 2 700 841	912 421 915 330	138 38 121 76	7 200 7 700 7 300 5 900
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied' Less than 15 percent	12 613 7 165 4 010 4 127 7 681	6 9 51 334 4 516		62 165 347 801 843	2 098 112 351 385 714 399 137	32 65 54 74 17	a 630 3 862 2 706 5 421 1 80	3 890 3 108 1 380 512 37	7 710 5 115 1 699 419 47 5 425	2 505 2 106 210 14 - 175	384 357 6 - - 21	7 200 11 200 8 400 6 700 4 500 2000- 3 800
SELECTED CHARACTERISTICS Automatic clothes washing machine Dishwasher Home food freezer With air conditioning Room unit(s) Central system	- 15 711 3 492 4 802 911 8 433 - 6 594	1 318 2 165 2 551 160 3 490 4 386	19 199 62 275 210	738 230 182 93 311 241	843 575 284 22 410 356 54	71: 84 18: 39 43: 33:	2 1 315 4 215 2 315 7 484 5 390	i 4 286 715 1 161 2 157 4 2 249 1 939	4 580 4 293 1 091 1 254 221 2 420 1 798 622	838	368 377 219 64 93 195 101 94	8 500 9 000 11 100 8 800 8 100 9 400 9 100 10 900
Automobiles available: 1	20 540	1 720	1 261	188	1 422 140 77	) 454	6 491	2 613	3 708 3 634 316	1 414	124 183 52	7 400 10 600 11 300

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

#### METROPOLITAN HOUSING CHARACTERISTICS

## 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]

			With al	plumbing facil	lities			Lacking some	or all plumbin	g facilities	
The SMSA	Total	Total	0.50 or	0.51 to	1.01 to	1.51 or		0.50 or	0.51 to	1.01 to	1.51 or
Annual tel bout in the			less	1.00	1.50	more	Total	less	1.00	1.50	more
Owner occupied housing units	122 348	119 167	58 466	53 126	6 737	838	3 181	1 860	918	314	<b>\$</b> 9
1 person         2 persons         3 persons         4 persons         5 persons         6 persons or more         Median         Units with roomers, boarders, or ladgers	12 996 33 866 22 377 22 433 15 298 15 378 3.1 1 967	12 195 32 836 21 946 22 150 15 109 14 931 3.2	12 132 32 053 11 794 1 943 544 2.0	63 751 10 113 20 117 13 868 8 214 4.3	33 61 625 6 018 6.5	- 32 6 29 72 699 7.5+	801 1 030 431 283 189 447 2.3	788 870 171 17 14  1.7	13 160 248 250 114 133 3.7	- 12 16 56 230 6.7	- - - 5 84 
YEAR STRUCTURE BUILT	1 907	1 862	884	807	154	17	105	49	28	20	8
1969 to March 1970	2 083 7 244 12 782 34 213 14 789 51 225	2 065 7 154 12 697 33 697 14 392 49 218	912 2 762 4 616 13 104 7 407 29 744	1 057 4 046 6 972 17 796 6 229 16 927	90 324 1 008 2 556 683 2 211	6 22 101 241 73 336	18 90 85 516 397 2 007	35 15 199 220 1 363	18 49 48 197 117 444	15 70 53 173	6 7 50 7 27
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$3,999 \$4,000 to \$5,999 \$4,000 to \$5,999 \$4,000 to \$5,999 \$3,000 to \$5,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	8 832 4 928 4 376 3 838 4 245 5 110 27 395 37 624 21 378 4 622 \$10 300	8 086 4 660 4 174 3 697 4 057 4 933 26 626 37 132 21 213 4 589 \$10 500	7 090 4 041 3 462 2 934 2 851 2 915 11 755 13 726 7 611 2 081 \$8 500	908 527 650 665 1 014 1 775 12 954 20 360 12 076 2 197 \$12 000	70 55 51 81 166 212 1 710 2 748 1 377 267 \$11 900	18 37 11 17 26 31 207 298 149 44 \$11 200	746 268 202 141 188 177 769 492 165 33 \$6 300	613 221 154 113 100 94 315 183 52 15 \$3 600	113 37 38 23 77 40 271 208 100 11 \$8 500	15 5 10 5 11 37 151 64 9 7 \$8 500	5 5 - 6 32 37 4 -
VALUE-INCOME RATIO           Specified owner occupied'           Less than 1.5           1.5 to 1.9           2.0 to 2.4           2.5 to 2.9           3.0 to 3.9           4.0 or more           Not computed	107 736 44 815 21 963 13 547 7 512 6 893 12 049 957	105 425 43 618 21 714 13 425 7 364 6 751 11 656 897	50 326 16 784 9 023 5 951 3 814 4 318 9 708 728	<b>48 183</b> 22 827 11 273 6 772 3 182 2 214 1 775 140	<b>6 196</b> 3 514 1 305 669 332 207 148 21	720 493 113 33 36 12 25 8	2 311 1 197 249 122 148 142 393 60	1 275 474 133 75 113 111 323 46	712 484 86 34 23 16 55 14	255 170 30 13 12 15 15	69 69 - - - -
HEATING EQUIPMENT Steam or hot water	7 644 103 638 702 1 649 8 675 40	7 556 101 721 690 1 505 7 655 40	4 014 49 395 361 831 3 839 26	3 187 45 858 295 574 3 198 14	335 5 761 34 86 521	20 707 - 14 97 -	88 1 917 12 144 1 020	52 1 208 9 87 504	29 528 3 29 329 -	7 136 22 149	- 45 - 6 38 -
Renter occupied housing units	40 105	37 743	18 143	17 024	2 062	514	2 362	964	1 124	149	125
PERSONS         1 persons         2 persons         3 persons         4 persons         5 persons         6 persons or more         Median         Units with roomers, boarders, or lodgers	7 222 5 174 2 971 3 303 2.4	8 536 11 164 6 998 5 048 2 903 3 094 2.4 958	8 046 8 327 1 512 178 80 1.6 413	490 2 799 5 436 4 713 2 249 1 337 3.5 468	42 146 503 1 371 6.1 53	- 38 8 11 71 386 7.5+ 24	1 288 447 224 126 68 209 1.4 65	652 267 33 12 - 1.2 23	636 137 160 90 35 66 1.4 21	- 21 12 33 83 5.7 5	43 10 12 60 4.3 16
YEAR STRUCTURE BUILT 1965 to 1968	1 226 3 888 2 859 4 317 5 076 22 751	1 219 3 737 2 784 4 103 4 854 21 051	691 1 849 1 224 1 692 2 114 10 479	478 1 796 1 382 2 060 2 370 9 077	32 63 142 302 287 1 197	18 29 36 49 83 298	7 151 75 214 222 1 700	13 20 98 79 808	7 111 48 102 79 750	- 7 7 44 81	27 7 20 61
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$4,000 to \$3,999 \$4,000 to \$3,999 \$5,000 to \$5,999 \$5,000 to \$5,999 \$10,000 to \$4,999 \$10,000 to \$14,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$15,000 to \$24,999 \$25,000 to \$24,999 \$15,000 to \$24,999	6 301 2 749 2 451 2 177 2 601 9 835 8 049 2 625 407 \$7 300	5 436 2 465 2 287 2 049 2 385 2 787 9 474 7 872 2 581 407 \$7 500	3 848 1 464 1 386 1 093 1 200 1 281 3 595 3 023 1 017 236 \$6 100	1 414 830 754 848 1 022 1 241 5 157 4 252 1 361 145 \$8 400	131 146 128 96 145 194 579 449 168 26 \$8 000	43 25 19 12 18 71 143 148 35 \$8 400	865 284 164 128 216 123 361 177 44 \$3 200	415 117 73 45 87 41 137 38 11 52 600	403 134 63 57 84 65 180 112 26 53 400	11 27 17 11 20 11 38 16 - - \$5 400	36 6 11 15 25 6 8 11 7 54 600
GROSS RENT AS PERCENTAGE OF INCOME Specified renter eccupied ¹ Less than 10 percent. 10 to 14 percent. 20 to 24 percent. 25 to 24 percent. 25 to 24 percent. 35 percent or more. Not computed.	38 691 4 210 8 403 7 165 4 010 4 127 7 681 3 095	<b>36 556</b> 3 844 8 101 6 961 3 921 3 932 6 996 2 801	17 646 1 589 3 269 2 779 1 687 2 088 4 468 1 766	16 461 1 869 4 231 3 693 1 972 1 572 2 214 910	1 946 287 475 400 221 217 250 96	503 99 126 89 41 55 64 29	2 135 366 302 204 89 195 685 294	<b>546</b> 101 115 67 31 105 316 111	1 048 225 139 86 44 67 333 154	127 24 27 26 14 11 15 10	114 16 21 25 - 12 21 19
HEATING EQUIPMENT Steam or hot water	6 844 27 060 1 076 1 041 4 032 52	6 200 26 029 1 059 970 3 438 47	3 403 12 025 512 507 1 670 26	2 596 12 197 503 341 1 366 21	147 1 442 39 117 317 -	54 365 5 5 85 -	644 1 031 17 71 594 5	148 495 32 289	467 401 14 27 215	10 80 6 53	19 55 3 6 37 5

"Limited to one-family homes on less than 10 acres and no business on property.  $\sim$  PE

*Excludes one-family homes on 10 ocres 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]

	(Data based on s	ample, see text.	For minimum bo	se for derived fig	jures (percent, n	nedian, etc.) and	meaning or symi			
The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Medion
Owner occupied housing units	122 348	130	434	2 093	14 641	38 527	39 759	15 487	11 277	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access		117	219	1 604	13 725	37 135	39 092	15 108	11 013	5.7
PERSONS	10.00/	76	272	915	2 905	3 626	3 560	891	751	5.1
2 persons	12 996 33 866	32	85	826 186	5 998 2 843	11 462	10 150 7 701	3 284 2 531	2 029 1 733	5.4 5.6
3 persons	22 377 22 433	6 11	18	77	1 813 681	7 617 4 856	7 784 5 472	3 153 2 435	1 960	5.7 5.9
5 persons	15 298 15 378	- 5	95	68 21	401	3 634	5 092	3 193 3.8	3 027 4.1	6.2
6 persons or more Median	3.1	1.4	1.3	1.7	2.2	3.1	3.3	J.J		
PLUMBING FACILITIES BY PERSONS PER ROOM					13 938	37 725	39 102	15 215	11 003	5.6
With all plumbing facilities	119 167 58 466	112	293 167	1 7 <b>79</b> 782	8 429	14 696	20 994	6 549	6 849 3 934	5.7 5.6
0.5) to 1.00	53 126 6 737	63	61 33	852	4 521 875	19 495 3 158	1 910	480	220	5.3 4.9
1.01 to 1.50 1.51 or more	838	49	32	84	113		657	56 272	274	5.0 5.1
Locking some or all plumbing facilities 0.50 or less	1 1 000	- 1	105	133 160	474			157 64	182 72	4.9
0.51 to 1.00 1.01 to 1.50	918 314	13	. 12	16	80	64	76		20	5.3
1.51 or more	89	-	-	5	14		-			
BEDROOMS			524	1 856	1 367	450	105	116	19	3.4
None and 12	31 502	71	-i -	497	12 619	15 284	2 427	553	122 2 585	4.7 5.8
34 or more	. 68 585	-		-		281	3 869		8 273	7.4
YEAR STRUCTURE BUILT		1			1			_		
1969 to March 1970			45	15	294			2 936	316 2 174	5.7 5.6
1960 to 1968	20 069		149	404	5 005	14 138	9 991	3 091	1 485 7 302	5.3 5.8
1949 or earlier		94	4 240	1 443	/ 44:	10 2/0				
COMPLETE BATHROOMS				1 462	13 12	34 432	34 547		6 145	5.5
1 ond 1 1/22 or more	16 620	1	3 13	153	640	5 2 722	4 585		4 882 284	6.5 5.0
None or also used by another household	4 163	2	3 151	391		· · ··-				
VALUE-INCOME RATIO	1		6 191	1 208	11 26	4 34 803	36 874		9 367	5.7
Specified owner occupied	44 815	2	1 69	536	5 28	4 13 863	3 7 248	3 007	3 841 1 833	5.7 5.7
1.5 to 1.9 2.0 to 2.9	_ 21 963	2 1	0 37	175	1 64	5 7 04	7 342	2 989	1 820	5.7 5.6
3.0 or more Not computed	- 18 942		4 63		2 39				54	5.6
										4.4
Renter occupied housing units	40 10	5 1 24	4 1 642	6 997	11 35	1 9 58	5 6 099	1 991	1 191	
Units with 1 or more bothrooms and complete kitchen facilities for exclusiv	e				10 60	3 9 23	5 6 042	1 854	986	4.5
use, and direct access		7 36	3 1164	\$ 6 190		3				
PERSONS			6 1 26	3 34	5 2 19	4 1 13			90	3.3 4.2
1 person	11 61	1 8	1 28	2 65	5 4 22	4 2 73		5 267	160 142	4.5
3 persons 4 persons	- 7 22		8 6 9 1-	4 15	8 135	6 189	3 1 220		190 202	5.1 5.5
j persons 6 persons or more	- 2 97	3	4 10 6 1	4 5	35	ō 77	9 110		407 4.6	5.9
Median	2	4 1.	.1 1.3	2 1.4	6 2.	3 2.	-			
PLUMBING FACILITIES BY PERSONS PER ROOM		_	1 34	3 6 60	1 10 94	0 9 32	7 5 98		1 096	4.4
With all plumbing facilities	- <b>37 74</b> 18 14	3	1 01	7 3 13	3 615	2 3 77			620 433	4.3 4.6
0.51 to 1.00 1.01 to 1.50	17 02		- 4	2 14	6 71	0 59	0 45	3 78	43	4.1
1.51 or more Locking some or all plumbing facilities		4	3 30 3 30	4 39	6 41	1 25	8 11	5 90	95 42	3.6
0.50 or less	70	4	24 36 2		6 9	11 11	1 4	0 15	47	1.4
0.51 to 1.00	14	9	_ 2	1 1			5 2 6	5 -	-	2.2
1.51 or more	12	· ·	"	-						
BEDROOMS	1 43	3 12	47 10			- 25	1 7		68	1.1 3.0
None	10 75	5	- 167	9 678 - 48	4 916	5 98	5 70	2 83	49	
2			-	-	- 12	29 295	4 70	5 2007		
YEAR STRUCTURE BUILT					9 4	20 20	x 7	8 26	5	3.9
1969 to March 1970 1960 to 1968	- 1 24 6 67		21 6 37 35		7 24	3 14	0 54	8 101	73	
1950 to 1959	4 48	2	43 9 43 1 13							
1949 or earlier	2/ //			-						
COMPLETE BATHROOMS	35 51	6 5	24 1 18							5.7
2 of more	1 54	19	69 39 80 39			72 2 78 3			117	3.3
None or olso used by another household GROSS RENT AS PERCENTAGE OF INCOME		~  `								
Specified renter occupied ²		1 12						56 165	5 75	4.2
Less then 10 percent	4 21	0 2	24 28 32 24	8 147	2 5	40 21	50 13	57 312	174	5 4.5
15 to 19 percent	7 10	1	39 21 95 12	23 73	35 10	75 10	58 6	90 149	8	5 4.5 4.2
20 to 24 percent	4 12	27 1	22 22 87 30	50 78	31 12 46 22	32 16	76 8	66 20	19	7 4.1
35 percent or more	762		40 1			78 5	75 5	93 310	<u></u>	1
	L			untes one-family						

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

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

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

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

		Owner oc	cupied			<u> </u>		Renter or	copied			
The SMSA	Totał	1 unit	2 units or more	Mobile home or trailer	Total	l unit	2 units	3 ond 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	122 348	114 719	4 427	3 202	40 105	17 921	8 079	4 603	3 741	2 731	2 649	381
ROOMS           1 room           2 rooms           3 rooms           4 rooms           5 rooms           6 rooms           7 rooms           8 rooms or mare           8 rooms or mare	130 434 2 093 14 641 38 527 39 759 15 487 11 277 5.6	74 225 1 315 11 739 36 194 38 990 15 275 10 907 5.7	36 85 421 1 40 1 514 666 195 370 4.9	20 124 357 1 762 819 103 17 - 4,1	1 244 1 647 6 997 11 351 9 585 6 099 1 991 1 191 4.4	74 236 1 295 3 949 4 980 4 556 1 764 1 067 5.2	37 194 1 789 2 867 2 264 730 138 60 4.2	63 374 1 184 1 489 1 061 378 49 5 4.0	131 277 826 1 294 804 361 21 27 4.0	194 197 869 7 071 324 46 9 21 3.6	741 328 955 472 109 28 5 11 2.8	4 41 79 209 43 - 5 - 3.8
PLUMBING FACILITIES BY PERSONS PER ROOM						5.2	4.2	4.0	4.0	5.5	2.0	5.0
With all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           Lacking some or all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           1.51 or more	119 167 58 466 53 126 6 737 838 3 181 3 860 918 314 89	111 883 53 849 50 796 6 479 759 2 836 1 617 843 297 79	4 161 2 754 1 212 266 207 37 17 5	3 123 1 863 1 118 131 11 79 36 38 - 5	37 743 18 143 17 024 2 062 514 2 362 964 1 124 149 125	17 003 7 151 8 257 1 273 322 918 401 342 121 54	7 819 4 007 3 439 296 77 260 161 83 5 11	4 337 2 400 1 700 179 58 266 195 47 13 11	3 473 1 736 1 517 192 28 268 142 113 4 9	2 574 1 441 1 067 52 14 157 27 122 - 8	2 181 1 203 925 44 9 <b>468</b> 17 413 6 32	356 205 119 26 6 25 21 4 -
BEDROOMS	131	103	20									
12 23 34 or more	4 387 31 502 68 585 17 744	3 054 26 759 67 207 17 262	28 797 2 462 833 460	536 2 281 545 22	1 433 10 755 16 466 8 799 2 651	64 1 967 7 020 6 718 2 446	66 2 598 3 782 981 117	116 2 035 1 750 566 18	113 1 257 1 925 370 33	294 1 450 1 163 48	780 1 283 589 69 37	165 237 47
YEAR STRUCTURE BUILT												
1969 to March 1970	2 090 7 381 12 688 34 267 14 893 51 029	1 570 6 172 11 872 33 277 14 464 47 364	25 48 81 382 366 3 525	495 1 161 735 608 63 140	1 240 3 963 2 710 4 482 5 066 22 644	197 526 905 2 744 2 685 10 864	24 204 225 713 1 265 5 648	192 367 304 361 454 2 925	218 930 495 315 306 1 477	199 716 413 169 265 969	400 1 169 233 36 80 731	10 51 135 144 11 30
INCOME IN 1969												
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$3,999 \$5,000 to \$5,999 \$5,000 to \$5,999 \$7,000 to \$5,999 \$7,000 to \$6,999 \$7,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	8 832 4 928 4 376 3 838 4 245 5 110 27 395 37 624 21 378 4 622 \$10 300	7 881 4 350 3 808 3 442 3 719 4 593 25 673 36 037 20 698 4 518 \$10 500	655 416 399 275 276 262 826 800 446 72 \$6 700	296 162 169 121 250 255 896 787 234 32	6 301 2 749 2 451 2 177 2 601 2 910 9 835 8 049 2 625 407	2 477 1 147 991 840 1 135 1 312 4 755 3 867 1 186 211	1 151 449 535 509 588 714 2 099 1 549 439 46	781 435 360 276 293 330 1 013 821 262 32	580 221 222 184 272 237 787 822 353 63	547 179 163 204 155 188 607 477 196 15	701 281 159 140 152 94 485 422 175 40	64 37 21 24 6 35 89 91 14
YEAR MOVED INTO UNIT	<i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	<i>410 300</i>	<i>40 100</i>	\$8 200	\$7 300	\$7 700	\$7 100	\$6 500	\$7 600	\$6 600	\$5 300	\$7 100
1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1959 1949 or earlier	9 529 7 402 6 521 11 954 22 276 35 239 29 415	8 199 6 624 6 036 11 123 21 304 34 024 27 545	424 211 156 286 495 1 001 1 800	906 567 329 545 477 214 70	15 153 6 515 3 760 5 124 4 655 2 741 2 169	5 696 2 617 1 926 2 362 2 408 1 516 1 330	3 044 1 440 668 1 028 983 594 436	1 930 705 349 658 529 277 154	1 634 720 351 435 387 111 102	1 276 487 231 331 209 120 69	1 441 493 199 260 110 86 73	132 53 36 50 29 37 5
GROSS RENT												ĺ
Specified renter accupied:           Less than 550           \$50 to \$59           \$60 to \$59           \$70 to \$79           \$80 to \$99           \$100 to \$119           \$120 to \$149           \$120 to \$299           \$300 or more           \$300 or more           Median	···· ···· ···· ···· ···		···· ···· ···· ····		38 691 2 064 1 859 2 407 3 482 7 730 6 752 6 555 4 411 983 62 2 386 \$102	16 507 436 591 795 1 273 3 249 3 446 2 900 1 546 452 11 1 808 \$106	8 079 245 318 558 1 005 2 218 1 708 1 140 496 44 44 4 343 \$96	4 603 210 299 509 638 1 127 786 569 304 100 5 56 \$90	3 741 305 239 227 231 577 309 560 1 007 227 59 \$117	2 731 403 200 126 204 275 150 669 634 30 .4 36 \$119	2 649 449 183 152 102 206 277 680 397 130 38 35 \$116	381 16 29 40 29 78 76 37 27 - - 49 \$96
	_											
Steam or hot water Warm-air furnace Built-in electric units Floor, wall, or pipeless furnace Other means None	7 644 103 638 702 1 649 8 675 40	7 140 97 703 616 1 518 7 702 40	486 3 509 60 48 324 -	18 2 426 26 83 649 -	6 844 27 060 1 076 1 041 4 032 52	1 013 13 828 192 575 2 275 38	820 6 252 69 163 765 10	919 3 005 96 106 477	897 2 413 102 73 252 4	1 663 768 160 41 99	1 532 552 449 72 44	242 8 11 120 -
Air conditioning Room unit(s)	15 961	14 833	<i>c</i> o -		,							
Central system	3 499 102 876	3 316 96 706	594 74 3 705	534 109 2 465	6 594 1 839 31 684	1 639 230 15 986	1 016 71 7 106	755 213 3 634	987 642 2 111	1 081 393 1 249	1 068 283 1 311	48 7 287
					-					. 27/		~~
12 23 or mare None ¹ Excludes one-family homes on 10 acres or	52 131 49 364 10 573 10 268	47 995 47 378 10 228 9 254	2 343 1 017 245 768	1 793 969 100 246	20 540 9 620 1 247 8 710	8 732 4 978 756 3 389	4 761 1 632 166 1 634	2 465 1 017 99 1 021	1 810 938 111 881	1 341 555 76 751	1 222 415 39 986	209 85 - 48

Excludes one-family homes on 10 acres or more.

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

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

, L	Data based on	a based on sample, see text. For minimum base for derived rigures (percent, meutain, etc.) and meutaing of symbolic etc., and the same set of symbolic etc.,								One-person I	nouseholds	
	-	٨	ale head, wife	e present, no r	onrelatives		Other mo	ie head	Female	head		
The SMSA	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	122 348	2 268	14 967	22 173	44 043	12 623	2 728	1 110	6 593	2 847	6 029	6 967
PLUMBING FACILITIES BY PERSONS PER ROOM				a. 443	43 097	12 184	2 641	1 056	6 389	2 712	5 730	6 465
With all plumbing facilities 0.50 or less	119 167 58 466	2 238 1 006	14 792 3 059	21 863 3 131 15 303	20 917	10 104	1 518 950	795 239	3 631 2 455	2 173 498	5 707 23	6 425 40
0.51 to 1.00 1.01 to 1.50	53 126 6 737	1 170 57	10 508 1 142 83	3 077	1 895 265	124 36	131 42	17	253 50	41	-	-
1.51 or more Lacking some or all plumbing facilities	838 3 181	5 30	175 14	310	946 398	439 338	87 62	54 50	<b>204</b> 83	135 94	299 286	502 502
0.50 or less 0.51 to 1.00	1 860 918	14	92 64	136 108	413 106	85 8	20 5	4	103 18	36 5	13	-
1.01 to 1.50 1.51 or more	314 89	-	5	47	29	8	-	-	-	-	-	-
	114 719	1 819	14 049	21 505	42 360	11 767	2 595 90	1 055	6 094 300	2 641	4 969 545	5 865 812
2 or more Mobile home or trailer	4 427 3 202	61 388	305 613	366 302	1 039 644	674 182	43	ĩĩ	199	15	515	290
INCOME IN 1969		20	153	219	468	1 047	80	109	883	542	1 396	3 915
Less than \$2,000 \$2,000 to \$2,999	8 832 4 928	20 5	43	96 110	288 437	1 681 1 604	55 38	109 108	489 528	253 170	604 579	1 305 686
\$3,000 to \$3,999 \$4,000 to \$4,999	4 376 3 838	54 49	126	131 294	485 854	1 526	74 100	74 94	522 608	136	457 523	258 190
\$5,000 to \$5,999 \$6,000 to \$6,999	4 245 5 110	125 213	298 477	643	1 440 9 330	837 1 993	164 778	46 218	486 1 354	164 570	496 1 307	144 249
\$7,000 to \$9,999 \$10,000 to \$14,999	27 395 37 624	1 038 634	5 372 6 013	5 186 9 563	16 280	1 694	873 445	191 127	1 180 460	546 230	512 136	138 52
\$15,000 to \$24,999 \$25,000 or more	21 378 4 622	113 17	2 158 265	4 878 1 053	11 869 2 592	910 332	121	34 \$7 200	83 \$6 500	76 \$7 000	19 \$5 000	30 \$2000 -
Median	\$10 300	\$8 900	\$10 800	\$12 300	\$12 700	\$5 500	\$10 400	\$7 200	90 200	1, 000	<b>\$5 000</b>	
VALUE-INCOME RATIO	107 736	1 785	13 527	20 348	39 474	10 883	2 357	936 421	5 857 1 881	2 433 970	4 594 1 150	5 542 246
Less than 1.5 1.5 to 1.9	44 815 21 963	613 575	5 028 3 693	8 966 5 205	21 261 8 511	2 912 1 571	1 367 410	94	823	322 132	512 390	247 304
2.0 to 2.4	13 547 7 512	303 112	2 467 1 175	3 041 1 551	4 640 2 164	1 338 959	232 112	101 65	599 514	186	344 498	330 568
2.5 to 2.9 3.0 to 3.9	6 893	117	750 392	996 550	1 500 1 304	1 41 1 2 632	81 152	121	667 1 167	184 625	1 418	3 620
4.0 or more Not computed	12 049 957	-	22	39	94	60	3	10	206	14	282	227
Rester occupied housing units	40 105	4 918	7 529	3 739	4 959	1 975	1 322	249	4 947	643	6 333	3 491
PLUMBING FACILITIES BY PERSONS PER ROOM	37 743	4 771	7 385	3 642	4 747	1 861	1 215	224	4 763	599	5 455 5 159	3 081
With all plumbing facilities	18 143 17 024	1 499 3 149	1 581 5 062	712 2 205	2 076 2 339	1 304 499	600 492	132 88	1 765 2 546	428 154	296	194
0.51 to 1.00 1.01 to 1.50	2 062	92	659 83	558 167	245 87	47 11	81	- 4	380 72	17	-	-
1.51 or more Lacking some or all plumbing facilities 0.50 or less	514 2 362	31 147	144 21	97 11	212 52	114 66	107	25 5	184 32	44 39	878 362	410 290
0.50 or less 0.51 to 1.00	964 1 124	31 56	84	57 23	129 19	43	30 12	5	79 29	5	516	120 
1.01 to 1.50 1.51 or more	149 125	56 23 37	32 7	6	12	-	10	9	44	-	-	-
UNITS IN STRUCTURE	17 923	1 700	3 931	2 501	2 973	873	544	149	2 534	258	1 466 2 279	992 1 118
1 2 to 4	12 682	2 050 832	2 267 1 059	750 407	1 279 530	694 261	417 287	59 26	1 522 776	247 123	1 506	665 649
5 to 19 20 or more	2 649	276	218	55 26	136 41	119 28		15 -	96 19	15	70	67
Mobile home or trailer	381		54	10						(14		3 432
GROSS RENT Specified renter occupied ²	38 691 2 064	4 811 65	7 161 38	3 504 36	<b>4 664</b> 73	1 939 92	50	227 29	4 836 153 304	619 41 30	6 216 654 647	833 370
Less than \$50 \$50 to \$59	1 859 2 407	80 195	99 248	31 124	106 184	113 138	71	10 27	424	66 74	592 792	338 271
\$60 to \$69 \$70 to \$79	3 482	276	467	267 637	403 884	217 444		22 42 15	571 1 131	117	1 161	451 294
\$80 to \$99 \$100 to \$119	7 730 6 752	1 124	1 489	652 691	896 827	284 183		15 5 20	949 723	69 65	729 798	283 159
\$120 to \$149 \$150 to \$199	6 555 4 411	1 250 493	1 242	563 202	628 255	178	224	20 15	371 55	62 14	471 50	34
\$200 to \$299 \$300 or more	983 62	31	231	6	14 394	239	9	42	155	81	19 303	5 394
No cash rent	2 386	128	296	295	374	237						
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME						1 939	1 282	227	4 836	619	6 216	3 432
Specified renter occupied ²	38 691 13 283	4 811 714	7 161 548	3 504 262	4 664 600	1 048	437	135	3 155 108	379 13	3 011 269	2 994 144
Less than 20 percent20 to 24 percent	821 949	59 77	32 72	23 47	42 55	98	7 22	10 14	172 618	23 65	243 436	151 427
25 to 34 percent	2 402	152	153 266	64 105	125 310	280 434	4 269	74	1 944 313	231 47	1 549 514	1 813 459
35 percent or more Not computed	1 723	373	25 3 459	23 1 526	68 1 679	159	5 595	20 59	1 323	171 108	2 441 1 638	299 173
\$5,000 to \$9,999 Less than 20 percent	9 464	1 775	2 255	946 256	1 139 261	289 13		33 10	749 246	33	372	
20 to 24 percent	1 678	491	317	161 27	125 31	74	6 76 3 15	6	29	4	307 57	55 49 13 9
35 percent or more	288 751	51	52 176	136 1 223	123 1 472	44	0 37	10 9	266	26 45	67 561	89
\$10,000 to \$14,999	6 814	1 221 1 169	2 435 2 155	1 014	1 256	15	7 171	4	259	31	517 22	81 4
20 to 24 percent	419	21	191 14	83 16	6	-	5	5	7	14	22	4
Not computed	425	31 174	75 719	110 493	137 913	2:	9 48	24 17	92 92	24 24	203	50 39
Less than 20 percent	2 679	164	670 14	459	833	13	0 48		-	-	-	-
20 to 24 percent	-		35	34	80	1	9 -	7	1 -	-	-	11
Not computed	196	10				c on 10 pcre						

*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 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]

	[Data based on s	somple, see rext.	For minimum be	use for derived fi	gures (percent, n	nealan, etc.) ana	meaning of symp	ools, see text)		
The SMSA	Total	l person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Medion
Owner occupied housing units	122 348	12 996	33 866	22 377	22 433	15 298	8 625	4 190	2 563	3.1
BEDROOMS None and 1	4 518	2 017	1 889	349	42	76	88	57	-	1.6
234 or more	31 502 68 585 17 744	5 471 4 367 989	13 580 15 572 2 799	6 540 13 131 2 703	3 890 15 923 2 633	1 348 11 244 2 585	404 5 252 2 458	230 2 074 2 257	39 1 022 1 320	2.3 3.6 4.4
YEAR STRUCTURE BUILT 1969 to March 1970	2 090	65	536	484	493	296	153	49	14	3.4
1965 to 1968 1960 to 1964 1950 to 1959	7 381	318 612 2 143	1 496 2 534 8 490	1 402 2 311 6 816	1 951 3 040 7 385	1 185 2 089 5 019	640 1 301 2 616	258 546 1 094	131 255 704	3.7 3.8 3.5
1940 to 1949 1939 or earlier	14 893 51 029	1 519 8 339	4 669 16 141	2 890 8 474	2 574 6 990	1 758 4 951	903 3 012	380 1 863	200 1 259	2.9 2.6
UNITS IN STRUCTURE	114 719	10 834	31 160	21 102	21 692	14 934	8 432	4 060	2 505	3.2
2 or more Mobile home or trailer	4 427 3 202	1 357 805	1 475 1 231	663 612	434 307	22 <b>1</b> 143	121 72	103 27	53 5	2.1 2.1
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2	101 553 15 046	11 035 720	29 157 3 107	18 791 2 691	18 510 3 264	12 224 2 524	6 767 1 498	3 150 722	1 919 520	3.1 3.8
3 or more None or also used by another household	1 574 4 163	179 1 064	303 1 326	218 546	283 371	265 311	195 245	74 99	57 201	3.8 2.3
HOUSEHOLD COMPOSITION Two-or-more-person households	109 352		33 866	22 377	22 433	15 298	8 625	4 190	2 563	3.4
Male head, wife present, no nonrelatives Under 25 years25 to 34 years		•••	27 433 711 1 440	19 189 881 2 808	20 692 489 5 294	14 366 137 3 191	8 103 35 1 464	3 911 6 603	2 380 9 167	3.6 3.0 4.1
35 to 44 years 45 to 64 years 65 years and over	44 043	  	1 241 14 656 9 385	2 560 10 818 2 122	5 715 8 619 575	5 601 5 148 289	3 823 2 661 120	1 973 1 258 71	1 260 883 61	4.8 3.2 2.2
Other male head Under 65 years	3 838 2 728	•••	1 821 1 187	900 615	492 395	265 217	198 170	105 91	57 53	2.6 2.8 2.4
65 years and over Female head Under 65 years	9 440		634 4 612 2 739	285 2 288 1 719	97 1 249 1 015	48 667 582	28 324 267	14 174 164	4 126 107	2.5 2.8
65 years and over Gne-person households	2 847	12 996	1 873	569	234 	85	57 	10 	19 • • •	2.3 1.0
VALUE-INCOME RATIO Specified awner occupied?			29 096	19 853	20 546	14 124	7 934	3 740	2 307	3.2
Less than 1.5 1.5 to 1.9 2.0 to 2.4	21 963	759	10 166 5 708 3 770	9 551 4 358 2 399	9 458 4 797 3 148	6 785 3 355 1 941	3 913 1 835 1 066	2 144 693 375	1 402 458 154	3.6 3.5 3.5
2.5 to 2.9	- 7 512 - 6 893	674 1 066	2 242 2 707	1 339 992	1 441 844	937 655	498 411	240 138	141 80	3.1 2.4 1.7
4.0 or more Not computed	- 12 049 - 957	5 038 509	4 280 223	1 142 72	765 93	422 29	204 7	137 13	61 11	1.4
Renter occupied housing units	_ 40 105	9 824	11 611	7 222	5 174	2 971	1 656	951	696	2.4
BEDROOMS None11			63 4 241	22 743	22 122	22 61	50	- 46	22	1.0 1.5
2 3 or more	- 16 466		5 730 1 590	4 196 1 904	2 518 2 427	995 1957	429 1 377	88 761	54 660	2.5 4.1
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968			652	155	67	48 169	5 74	10 37	15 15	2.0 2.1
1965 to 1966 1960 to 1964 1950 to 1959	2 710	654		677 528 977	370 389 748	196	105 129	63 101	30 85	2.4 2.8
1940 to 1949 1939 or earlier	- <u>5 066</u> - <u>22 644</u>		1 440 6 066	1 069 3 816	771 2 829	440 1 667	234 1 109	91 649	66 485	2.6 2.4
UNITS IN STRUCTURE 1			4 221 2 829	3 489 1 586	3 088 1 046	2 064 379	1 266 162	746 85	589 41	3.2 2.2
3 and 4 5 to 9	4 603	1 446	1 596 1 073	797 738	345 41 1	236 193	105 98	38 63	40 20	2.0 2.2
10 to 19 20 or more Mobile home or trailer	2 645	1 661	1 011 756 125	430 127 55	188 58 38	53 26 20	12 13 -	5 8 6	6 - -	1.8 1.3 1.9
COMPLETE BATHROOMS	35 514	5 8 005	10 611	6 794	4 663	2 693	1 388	814	547	2.4
2 or more None or also used by another household		289	333	218	294 221	147 116	120 82	100 77	48 67	3.2 1.6
HOUSEHOLD COMPOSITION Two-or-more-person households			11 671	7 222	5 174	2 971	1 656	951	696	3.0
Male head, wife present, no nonrelatives Under 25 years 25 to 34 years	. 4 918	3	8 454 2 347 1 748	5 492 1 732 1 869	4 250 602 1 984	2 368 167 1 099	1 262 60 509	732 10 215	562 - 105	3.1 2.6 3.6
35 to 44 years	- 3 739	2	652 2 132	588	846 724	578 494	456 229	321 181	298 148	4.2
65 years and over Other male head Under 65 years	. 1 57		1 575 845 707	252 356 280	94 152 135	30 96 87	8 62 62	5 28 24	11 32 27	2.1 2.4 2.4
65 years and over Female head Under 65 years	5 590		138 2 312	76	17 772	9 507	332	4 191	5 102	2.8 2.1 2.4 2.4 2.4 2.9 3.0
65 years and over One-person households	64.	3	1 810 502	1 268	754	503 4 	326 6 	184 7 	102 	3.0 2.1 1.0
GROSS RENT AS PERCENTAGE OF INCOM Specified renter occupied ²	38 691				4 919	2 778	1 518	854	650	2.4
Less than 10 percent 10 to 14 percent 15 to 19 percent	. 8 403	3 1 2 4 4	2 625	1 880	555 1 241 1 130	271 699 654	167 308 360	111 214 178	94 192 121	2.5 2.7 3 7
20 to 24 percent 25 to 34 percent 35 percent or more	4 010	) 847 7 1 223	1 171	758 643	594 403	270 282	218 143	58 103	94 63	2.5 2.7 2.7 2.5 2.2 1.7
Not computed	- 7 68 - 3 09				611 385	358 244	205 117	107 83	76 10	1.7 2.1

Limited 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

Ĺ	Data based on	sample, see te	ext. For minin	num base for d	lerived figures (percent, median, etc.) and meaning of	symbols, see	Text		
The SMSA	Total	Less than 2 months	2 up to 6 months	6 months or more	The SMSA	Total	Less than 2 months	2 up to 6 months	6 menths or more
Vacant for sale	866	193	333	340	Vacant for rent	2 123	1 137	580	406
ROOMS					ROOMS				
1 to 3 rooms 4 rooms	51 152 185 296 182	5 45 37 64 42	22 51 80 107 73	24 56 68 125 67	1 room 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms or more	94 148 457 670 469 194 91	73 64 269 371 259 93 8	13 42 108 189 125 59 44	8 42 80 110 85 42 39
With all plumbing facilities Lacking some or all plumbing facilities	800 66	185 8	320 13	295 45	PLUMBING FACILITIES				
BEDROOMS	88	-	13	75	With all plumbing facilities Lacking some or oli plumbing facilities	1 955 168	1 066 71	521 59	368 38
23 4 or more	337 358 181	70 78 66	80 167 42	187 113 73	BEDROOMS	122	122 418	91	119
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968	45 77	13 30	14 25	18 22	2 3 or more	999 449	498 156	344 198	157 95
1950 to 1959	155 589	28 122	90 204	37 263	YEAR STRUCTURE BUILT				
UNITS IN STRUCTURE 1 2 or more	799 67	179 14	314 19	306 34	1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	326 270 192 1 335	197 205 106 629	114 55 52 359	15 10 34 347
HEATING EQUIPMENT					UNITS IN STRUCTURE				
Steam or hot water Warm-air furnace Built-in electric units Floor, wall, or pipeless furnace Other means	34 769 3 10 50	3 177 - 13	311 3 4 15	31 281 - 6 22 -	1 2 to 4 5 to 9 10 to 19 20 or more	642 643 326 335 177	227 353 248 189 120	221 150 41 127 41	194 140 37 19 16
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sale'           Less that \$5,000           \$5,000 to \$9,999           \$10,000 to \$14,999           \$15,000 to \$14,999           \$20,000 to \$14,999           \$23,000 to \$34,999           \$23,000 to \$34,999           \$35,000 to \$49,999           \$35,000 to \$49,999           \$49,000 to \$49,999           \$40,000 to \$40,999           \$50,000 to \$40,999           \$60,000 to more	751 91 192 202 108 65 45 45 3 \$12 300	174 11 45 43 28 23 10 14 - \$13 600	304 31 74 92 35 27 17 28 \$12 600	273 49 73 67 45 15 18 3 3 3 \$11 100	Specified vacant for rent?           Less than \$50           \$50 to \$59           \$60 to \$79           \$80 to \$79           \$100 to \$119           \$120 to \$149           \$200 to to rore           X200 ro more           Medion rent asked	2 091 305 261 511 295 97 266 320 36 \$79	1 120 126 113 215 178 73 221 182 12 \$92	578 94 79 162 8 34 129 10 \$74	393 85 69 134 55 16 11 9 9 14 \$66

the second manine of symbols, see texti

³Limited to one-family homes an less than 10 acres and no business on property.

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

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

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

]			Sales price a	isked — Vacan	t for sole'				Ren	t asked – V	/ocant fo	r rent²		
The SMSA	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 ar more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 10 \$199	\$200 or more
Total	751	283	202	108	65	45	48	2' 091	566	511	295	363	320	36
PLUMBING FACILITIES														
With all plumbing facilities Lacking some or all plumbing facilities	778 66	268 66	168	158	36	83 _	65 -	2 062 136	556 58	424 14	361 48	350 16	371	-
BEDROOMS												170		
None and 1 2 3 4 or more	70 282 329 163	50 153 97 34	20 68 59 21	47 83 28	- 36 -	- 54 29	14 51	750 999 262 187	179 252 103 80	207 134 62 35	144 157 66 42	179 159 12 16	41 297 19 14	
YEAR STRUCTURE BUILT							1							
1969 to March 1970 1960 ta 1968 1950 ta 1959 1949 or eorlier	45 53 149 504	5 4 45 229	20 29 153	4 4 26 74	11 10 15 29	13 4 16 12	12 11 18 7	326 265 192 1 308	15 20 28 503	16 34 57 404	13 9 43 230	85 108 41 129	178 87 20 35	19 7 3 7
UNITS IN STRUCTURE														-
1 2 to 4 5 to 19 20 or more	•••• ••• •••	••••	···· ····	···· ····	···· ···· ···	•••• •••	···· ··· ···	610 643 661 177	240 184 129 13	169 219 92 31	105 113 47 30	67 109 141 46	22 18 241 39	7 
INCLUSION OF UTILITIES IN RENT							1				07	110	59	10
All utilities included Some or no utilities included			··· ···		···· ···			605 1 486	194 372	139 372	93 202	253	261	10 26

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

# 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]

		on somple, see	text. For min	imum base fo	r derived figu	res (percent, i	median, etc.) a	ind meaning o	f 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	\$20,000 to	\$25,000 to	\$35,000 10 \$49,999	\$50,000 or more	Median (dollars)
Specified owner accupied'	7 726	672	1 358	1 801	1 588	959	825	278	167	69	9	10 100
ROOMS           1 and 2 rooms           3 rooms           4 rooms           5 rooms           7 rooms           8 rooms sor more           Medion	14 89 735 2 152 2 851 1 103 782 5.8	31 152 223 178 53 35 5.2	5 34 200 381 466 186 86 5.6	12 174 473 762 201 179 5.8	6 102 401 628 229 222 6.0		4 	5  87 89 53 34 5.9	- 6 11 52 64 24 10 5.7	- - 4 17 35 13 	- - - - -	7 700 10 000 10 100 11 200 11 000 
l person 2 persons 4 persons 5 persons 6 persons or more Median Units with roomers, boarders, or lodgers	819 2 043 1 491 1 109 796 1 468 3.2 533	139 241 107 75 36 74 2.3 75	240 414 277 129 80 218 2.6 90	217 489 256 301 225 313 3.3 145	101 405 343 229 187 323 3.3 84	70 245 191 146 96 211 3.4 53	39 134 207 122 99 224 3.8 54	51 73 45 52 57 3.8 15	7 43 16 45 21 35 3.9 11	21 21 14 	6 - - 3 - - - - - - -	7 900 9 400 10 800 10 500 10 800 11 000  9 300
PLUMBING FACILITIES BY PERSONS PER ROOM           With all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           Lacking same or all plumbing facilities           0.50 or less           0.51 to 1.00           1.51 or more           1.51 or more           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.01 to 1.50           1.51 or more	7 396 3 656 3 034 592 114 330 207 61 40 22	517 306 198 13 - 155 103 31 4 17	1 306 776 398 103 29 52 39 7 6 -	1 764 879 695 162 28 37 26 6 5	1 531 738 649 123 21 57 34 5 13 5	954 426 433 77 18 5 5 - -	813 316 397 87 13 12 - 12 -	278 103 152 18 5 - - - -	155 60 86 9 - 12 - 12	<b>69</b> 46 23 - - - -	9 63 1 1 1 1 1	10 200 9 600 10 900 10 400 10 600 5 500 5 000 5 000
BEDROOMS None and 1 2	262 2 204 3 857 1 280	100 293 204 69	36 545 503 177	38 635 835 216	39 417 989 366	27 148 513 216	104 499 130	22 44 150 51	18 105 55		21	8 500 11 000 11 200
YEAR STRUCTURE BUILT           1969 to March 1970	6 140 536 1 115 909 5 020	- 4 11 65 71 521	- 17 108 131 1 102	20 35 149 249 1 348	- 6 58 240 203 1 081	10 119 156 127 547	32 150 225 89 329	15 72 113 13 65	6 33 61 37 15 15	20 4 22 11 12		19 700 15 700 12 500 10 000 9 100
COMPLETE BATHROOMS 1 and 1 1/2	6 629 654 42 457	472 7 14 187	1 199 87 91	1 618 91 15 65	1 322 128 92	877 116 - 6	727 101 - 7	245 55 7	130 31 9	39 33 6	5	10 000 12 800 6 100
HOUSEHOLD COMPOSITION Twe-er-more-person households	6 907 5 321 151 706 1 365 2 240 859 438 315 123 1 148 857 291 819 443 376	533 306 - 10 68 113 115 59 36 23 168 126 42 139 84 55	1 118 756 19 67 132 345 193 87 60 27 275 187 88 88 240 118 122	1 584 1 160 280 508 167 103 78 25 321 237 84 217 85 132	1 487 1 196 26 145 330 489 206 122 93 29 169 169 116 53 101 74 27	889 772 34 147 223 281 87 16 16 16 5 70 47 23	786 678 27 134 170 282 655 27 17 10 81 62 19 39 29 10	278 252 		69 57 - 4 14 34 5 6 6 6 6 6 - -	33 13 1 1 1 1 1 1 6 6	10 400 10 900 11 100 12 000 11 500 9 300 9 300 9 500 8 700 8 500 8 700 8 700 8 000 7 900 8 100
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$4,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$5,000 to \$5,999 \$7,000 to \$6,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or \$24,999 \$25,000 or more Median	959 553 509 363 317 434 1 894 1 991 627 79 \$8 200	169 86 68 45 32 46 119 74 33 -	270 134 101 76 67 129 306 202 68 5	233 146 135 88 73 126 505 426 65 426	149 115 94 70 69 56 421 466 131 17	48 20 74 38 32 32 274 307 119 15	64 27 29 36 21 40 194 296 109 9	10 6 3 5 16 5 51 127 45 10	4 13 5 5 7 - 24 58 41	6 6 - - 35 13	6	7 700 8 500 9 100 9 200 9 500 8 300 10 100 11 600 12 800
YEAR MOVED INTO UNIT           1969 to March 1970	\$8 200 612 484 468 862 2 043 1 927 1 386	\$4 300 22 35 31 45 138 202 207	\$6 200 64 35 86 96 227 422 447	\$7 600 145 81 103 209 451 413 387	\$8 700 121 111 113 205 398 386 208	\$9 600 145 103 22 98 356 180 95	\$10 000 71 71 61 122 274 201 35	\$11 700 27 19 46 40 99 76	\$12 200 17 10 6 34 76 27	- 19 - 13 19 20		11 500 12 000 10 300 11 000 11 300 9 600 7 600
HEATING EQUIPMENT Steam or hot water	238 6 270 119 228 856 15	5 449 23 28 167	33 1 069 19 63 164 10	34 1 524 3 39 201 -	288 1 328 37 42 148 5	95 31 805 19 17 87 -	35 50 689 14 23 49 -	19 233 5 21	- 22 135 5 5	7 10 35 4 6 14	- 6 3 - -	7 800 14 000 10 200 11 000 9 000 8 700
AIR CONDITIONING Room unit(s) Centrol system None	633 172 6 977	38 7 635	73 18 1 286	109 16 1 664	137 23 1 382	119 40 840	99 12 724	18 26 263	35 15 120	5 15 58	- - 5	11 800 13 900 9 900

'Limited to one-family homes on less than 10 ocres 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]

	(Data based o	n sample, see	text. For mi	nimum basé i	or derived fi	gures (percer	ir, median, ea	c.) and meaning	ig or symbol	3, 300 1000			
The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied ¹	5 742	592	508	621	854	1 565	885	455	78	31	15	138	83
ROOMS													
l room	94 124 871 1 571 1 672 936 302 172 4.6	53 69 257 169 17 22 5 	34 131 205 133 5 - 3.9	9 5 183 150 206 59 4 5 4.3	- 6 121 329 295 67 31 5 4.4	5 5 89 431 624 327 50 34 4.9	12 5 37 166 270 279 86 30 5.3	- 28 69 74 139 86 59 5.9	- 9 19 28 16 - 6	- 4 10 5 12	10   5  	5 16 29 15 12 40 21 5.8	50- 62 78 85 99 110 121
PERSONS									14		5	53	62
1 person 2 persons 4 persons 5 persons 5 persons or more Median Units with roomers, boarders, or lodgers	1 334 1 037	377 136 62 5 12 - 1.3 5	202 131 26 89 32 28 1.9 6	116 165 149 77 32 82 2.7 30	143 233 173 112 54 139 2.8 15	256 354 328 226 158 243 3.0 53	75 172 171 106 126 235 3.7 62	14 84 87 63 71 136 4.2 34	14 25 3 11 7 18 	- 4 11 5 11	5 - 5	29 34 3 4 15 2.1 -	79 85 85 95 96 
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           Locking some or all plumbing facilities           0.50 or less           0.51 to 1.00           1.51 or more	2 277	470 347 112 11 122 66 56 	439 235 166 32 6 69 59 4 6 -	568 226 286 47 9 53 8 18 16 11	835 326 346 134 29 19 9 10 -	1 498 602 703 152 41 67 30 12 19 6	869 284 429 126 30 16 	455 136 270 38 11 - - - -	78 34 26 13 5 - - - - -	31 6 20 - 5 - - - - -	10 5 5 5 5 1 5	135 81 54 - - 3 - 3 -	84 79 86 87 91 58 53 56 
BEDROOMS								_	_	_	-	_	
None 1 2 3 or more	2 585	106 407 236 40	134 212 40	20 180 336 149	279 539 264	25 698 469	60 337 352	92 145 396	22 15 44	- 57	- - -	46 67 99	63 79 98
YEAR STRUCTURE BUILT           1969 to March 1970	231 391 605	11 14 29 81 457	11 5 20 88 46 338	26 33 45 74 94 349	25 66 56 120 99 488	27 54 153 160 194 977	19 21 51 65 125 604	4 42 22 26 69 292	4 10 11 13 - 40	- - 4 10 5 12	- 10 - 5	- 5 20 11 102	76 86 85 78 84 83
ELEVATOR IN STRUCTURE					-					_		_	
4 floors or more With elevator Walk-up 1 to 3 floors		50 50 739	- - 386	- - 685	- - 1 082	- - 1 192	- - 749	- - 633	81	57		212	79
COMPLETE BATHROOMS	5 089	400	456	535	779	1 475	880	375	73	19	5 6	92	84 106
2 or more None or also used by another household		7 133	98	12 50	17 20	36 108	64 14	43 -	-	-	0 8	15	58
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$5,000 to \$4,999 \$5,000 to \$5,999 \$7,000 to \$5,999 \$10,000 to \$14,999 \$10,000 to \$14,999 \$15,000 to \$14,999	- 649 450 377 340 - 341 - 139 - 487 - 138 - 138	395 78 29 20 17 17 26 - - \$2000 -	248 81 41 28 19 31 45 15 5 2 \$2 100	190 120 41 46 33 49 98 28 16 16 53 000	260 79 62 63 65 66 174 66 19 - \$4 400	370 141 135 110 97 108 368 188 48 48 55 300	166 90 107 64 77 39 258 77 7 \$5 200	103 50 16 28 16 24 113 72 28 5 5 \$6 600	8 5 6 4 23 22 - 	11 4 5 - - - 6 5 5 - - 	10 5 - - - - - - - - - - - - - - - - - -	55  9  3 28 14 20 \$4 600	72 76 85 85 85 81 90 93 87 
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1967	849 609	160 61 67	99 90 80	151 101 113 136	196 149 69 220	597 223 103 287	326 139 110 172	181 41 56 36	32 14 11 10	19  -	8 6  -	5 25 	88 81 76 79 83
1965 and 1966 1960 to 1964 1950 to 1959 1949 or earlier	- 893 - 408	64 112 51 25	120 93 54 18	69 11 16	115 59 8	288 101 20	129 74 8	72 26 6	- 6 -		- 5 -	15 21 37	83 85 
GROSS RENT AS PERCENTAGE OF													
Less than 10 percent 10 to 14 percent 25 to 19 percent 25 to 34 percent 35 percent or more Not computed	- 996 761 - 429 - 673 - 2 022	65 34 40 38 96 303 16	66 48 43 33 93 194 31	107 97 57 41 93 196 30	89 223 94 52 79 306 11	147 384 229 111 155 490 49	11 125 204 74 108 331 32	19 68 89 58 43 134 44	17 5 17 6 33 -	- 5 20 6		   138	72 84 94 89 77 80 88
AIR CONDITIONING Room unit(s) Central system None	- 226 71	15 525	10 544	26 	25 13 778	59 - 1 560	43 21 894	30 6 382	19 6 48	4 15	- 19	20 91	90  83

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

### METROPOLITAN HOUSING CHARACTERISTICS

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

		on sample, see			IY/U	res (percent, m	nedian. etc.) ar	nd meaning of	symbols can	tevtl		
The SMSA		Less	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000	
The SMOR	Total	than \$2,000	to \$2,999	to \$3,999	to \$4,999	to \$5,999	ta \$6,999	to \$9,999	to \$14,999	\$24,999	or more	Medion (dollars)
Owner occupied housing units	8 376	1 046	608	557	393	347	474	2 065	2 119	676		
ROOMS 1 and 2 rooms	. 25	5	F			•••		2 005	2 119	6/6	গ	8 100
3 rooms4 rooms	100	25 191	5 16	4	10	5	5	11 15		- 6	~	3 500
5 rooms6 rooms6	2 329	342	101 181	67 182	37 78	37 91	50 125	186 600	156 556	25 144	3	5 800 7 800
7 rooms or more	2 984 2 085	288 195	228 77	161 125	153 115	137 77	156 138	752 501	811 596	267 234	30 31 27	8 500
PERSONS 1 person	922							501	5/0	2.54		8 900
2 persons 3 and 4 persons	2 208	447 350	135	88. 205	27 151	33 111	45 149	119 545	28 328	69	14	2 100 6 000
5 persons	864	190 21	125	165 27	126 27	143 18	145	751 222	853 338	262 112	41 24	9 000
6 persons or more Units with roomers, boarders, or lodgers		38 124	36	72	62	42	86	428	572	233	12	10 600
BEDROOMS	;	124	60	35	38	24	59	128	81	29	-	6 100
Less than 33	2 770 4 118	546 534	310 168	170 282	101	194	117	776	394	85	77	6 500
4 or more	1 444	101	108	95	211 62	197 96	232 45	1 220 188	1 012	215 280	47 34	8 100 10 300
YEAR STRUCTURE BUILT 1969 to March 1970	6	_	_									[
1960 to 1968	686 1 197	30 100	15 107	53 73	26	34	12	138	252	101	25	10 700
1949 or earlier	6 487	916	486	431	11 356	46 267	39 423	294 1 633	423	95 474	9 57	9 300 7 700
YEAR MOVED INTO UNIT 1969 to March 1970	689	32	10	54	32	51						-
1968	535 3 608	50 249	14	22	120	51 22	46	255 140	175 195	34 70	_	8 400 9 900
1959 or earlier	3 591	672	384	320	245	73 148	223 209	1 004 659	1 147 709	388 216	43 29	9 300 6 100
SELECTED CHARACTERISTICS Automatic clothes washing machine	4 166	346	273	131	216	188	0.55	, , , , , ,	,		1	
Clothes dryer Dishwasher	2 753 340	185 22	138 18	65	81	122	255 123	1 127 715	1 133	376 309	121 88	8 800 9 800
Nome food freezer	3 621 199	367 20	210	274	207	242	20 181	67 812	100 958	95 301	18) 69	8 200
With air conditioning Room unit(s)	816	56	19 28	82	20	23	26	116 217	44 271	82	ī	9 400
Central system	177	51 5	22 6	42 40	15	23	26	182 35	220 51	54 28	4	9 300 9 800
12	3 906	399	346	267	229	175	333	1 196	805	152		7 500
3 or more	2 710 459	55	66 7	93	78	84 7	98 19	607 103	1 160	434 104	35	11 200 12 300
Postor equied housing with					-			105	187	104	20	12 300
Renter occupied housing units ROOMS	5 957	1 897	681	463	387	343	349	1 175	514	143	5	3 900
1 room 2 rooms	94	59	10	_	5	6	4	10	_	_		
3 rooms	130 897	42 444	10 45	5 58	11 57	12 46	18 30	32 142	66	-	-	4 700 2 100
4 rooms 5 rooms	1 627 1 741	552 479	216 245	165 149	108	71 109	89 145	284 326	125 170	17	=[	3 300
6 rooms or more PERSONS	1 468	321	155	86	133	99	63	381	153	45 72	5	5 400
l person	1 305	795	75	69	38	55	54	180	39			2000-
2 persons3 and 4 persons	1 376 1 795	411 464	176 210	144	126 114	68 108	36 145	234 392	157	24	-	3 700
5 persons6 persons or more6	530 951	96 131	81 139	25 69	39 70	50 62	33	137	172 42	34 27	-	4 600 5 500
Units with roomers, boarders, or lodgers	230	130	26	21	4	11	81	232 26	104	58	5	6 100 2000
BEDROOMS None	126	75		1								2000
12	1 263	75 498	70	107	110	31 42	86	20 199	151	-	-	3 600
s or more	1 936	774 433	343 305	229 184	156 94	135 156	245 106	477 494	219 118	83 46	-	3 900 4 500
YEAR STRUCTURE BUILT 1969 to March 1970	137									~	-	4 500
1960 to 1968 1950 to 1959	635	41 147	38 69	10 76	8 21	5 46	14 65	16 124	5 77	10	-	2 700 5 100
1949 or earlier	664 4 521	192 1 517	69 505	42 335	55 303	45 247	38 232	145 890	70 362	8	5	4 500 3 700
YEAR MOVED INTO UNIT 1969 to March 1970	1.060			1				0,0	302	125	1	3 700
1968 1960 to 1967	1 852 875	526 248	199 151	180 53	150 65	122 25	103 53	380 186	161 72	23 22	8	4 100 3 700
1959 or earlier	2 655 585	890 277	312 22	155	162 26	169 30	158	496	235 57	78 24	-	3 800 2 700
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied							-		3/	2~	~	2 /00
Less than 15 percent	5 742 1 500	1 816	649	450 14	377	340 59	341 161	1 139	487 445	138 118	5 5	3 900 9 200
20 to 24 percent	761 429	6	20 43	34 59	82 118	133 82	118 47	351	23	-	=	6 900 4 900
25 to 34 percent 35 percent or more	673 2 022	93 1 443	202 384	173 161	131	60 6	8	6	-	-	-1	3 200
SELECTED CHARACTERISTICS	357	274	-	9	9	-	3	6 28	14	20	-1	2000 2000
Automotic clothes washing machine	1 662	319	194	187	135	61						
Dishwasher	900 39	291 181	79	49	40	61 19	164 88	429 247	130 87	43 _		5 000 4 800
Owned second hame	847 76	265 36	100	56	-	-	34	21 259	133	-	-	6 100
Room unit(s)	317	54 24	23	10	22 12	8	18	126	18 51	15	-	7 800
Automobiles available:	71	30	8	10	12	8	6 12	126	38 13	15	-	8 300
1	2 323 667	333	223	189	194	163	203	731	256	31	_	6 300
3 or more	53	43 6	-	35	12	58 	25	232	188	66 36	8	9 100
Excludes one-family homes on 10 acres or a	more.		<u>t</u>		l	L					1	***

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

Image:	Ì		ample, see text.		plumbing facilit					e or all plumbing	focilities							
Liss of Liss         Table         Total	The SMSA	-					1.51		0.50	0.51	1,01	1.51						
Low 2 stoppen training units         2 and         1 and         2 and         1 and         2 and         1 and <th1 and<="" th="">         1 and         <th1< th=""><th>Ine Smisk</th><th>Total</th><th>Total</th><th>or</th><th>to</th><th>to</th><th>or</th><th>Total</th><th>or</th><th></th><th></th><th>÷.</th></th1<></th1>	Ine Smisk	Total	Total	or	to	to	or	Total	or			÷.						
PERCON         PERCON<	Owner occupied housing units	8 376	7 981	3 956	3 261	635	129	395	246	75	47	27						
International         2000         2001         2001         4         -         -         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B																		
a manual         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1<	l person						-			11	-	-						
intern         into         <	2 persons					9	_	80		37	7	-						
approximation         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <th1< th="">         1         <th1< th=""> <th< td=""><th>4 persons</th><td>1 193</td><td>1 181</td><td>132</td><td></td><td></td><td>20</td><td></td><td></td><td></td><td>5</td><td>-</td></th<></th1<></th1<>	4 persons	1 193	1 181	132			20				5	-						
Addab         3.3         3.2         2.1         2.4         7.1         7.2         3.4         7.7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         9         7         7         9         7         7         9         7         7         9         7         7         9         7         7         9         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7								71	-									
Bits Mark (1992), (2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002), (* 2002	Medion			2.1	4.4		1					1						
95 m Adval         95 m Ad	Units with roomers, boarders, or lodgers	583	552	234	251	62	5	31	7	9	1	8						
95 m Adval         95 m Ad	YEAR STRUCTURE BUILT																	
Set B 10	1969 to March 1970					16	_	n	n			-						
128       127       1       123       400       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100	1960 to 1964				275	79	-	-	-			17						
Spin or market	1950 to 1959										_							
Lat Non         List Non	1940 to 1949								170	41	31	6						
Lat Non         List Non	INCOME IN 1969																	
1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1       1000 1	Less than \$2,000						10				5	5						
1000 = 5 corr       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200       200	\$2,000 to \$2,999 \$3,000 to \$3,999					38		38	29		-	-						
2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000       2000	\$4,000 to \$4,999	393	388	219	140	22	7			-		-1						
10000 is 14, 070       2 110       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120       2 120 <th>\$5,000 to \$5,999</th> <td></td> <td>446</td> <td>235</td> <td>167</td> <td>38</td> <td></td> <td>28</td> <td>15</td> <td></td> <td></td> <td></td>	\$5,000 to \$5,999		446	235	167	38		28	15									
132000 B 24,2702       4 6/3       148       4 6/3       16       17       9       -       9       -       -       9       -       -       9       -       -       9       -       -       9       -       -       9       -       -       9       00       95       00       95       00       95       00       95       00       95       00       95       00       95       00       95       00       95       00       95       00       95       00       97       0       130       05       14       44       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14 <td< td=""><th>\$7,000 to \$9,999</th><td>2 065</td><td>1 984</td><td></td><td></td><td></td><td>46</td><td></td><td></td><td>5</td><td></td><td>17</td></td<>	\$7,000 to \$9,999	2 065	1 984				46			5		17						
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Nominate product         0         112         2         2         4         11         12         0         3         -         -           Nominate product         233         220         133         71         10         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         72         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73         73	Steam or hot water						4		160			22						
bior, voltor         223         229         133         71         17         19         110         72         22         11         5           Renter occupied housing units         5         95         5.572         2.373         2.497         581         141         3455         172         126         41         .24           Renter occupied housing units         5         95         5.572         2.373         2.497         581         141         3455         172         126         41         .24           persons         1.305         1.305         1.303         10.37         2.53         6         10         77         7         126         -         -         77         7         126         -         -         77         7         126         -         -         -         77         7         13         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3         1.3						14		12	9	3		-						
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Renter occupied housing units         5 957         5 392         2 373         2 497         561         141         345         172         126         41         24           PERSONS         1         1         1201         1         1201         1201         171         190         12         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -						-	-	-	-	-	-	-						
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operations or more       991       890       -       270       7.5       1.5       1.3       1.3           miss with recomers, boarders, or lodgers	4 persons				423	86	10	-	-			26						
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960 to 1954       400       380       117       192       120       12       14       15       29       -       -       -         950 to 1955       -       -       -       776       731       254       244       74       40       443       293       71       216       127       66       18       5         950 to 1955       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	1965 to 1968	233	219	55			14		/		-	-						
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css finds 22,000       1       1       238       294       91       100       48       15       13       14       0         3,000 16 32,999       443       431       175       198       52       9       29       23       -6       -         3,000 16 32,999       387       372       126       192       48       6       15       3       7       -       5         5,000 16 35,999       343       306       100       148       45       728       11       1       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       - </td <th>INCOME IN 1969</th> <td>1 007</td> <td>1 722</td> <td>1 048</td> <td>616</td> <td>5)</td> <td>18</td> <td>164</td> <td></td> <td></td> <td></td> <td>-</td>	INCOME IN 1969	1 007	1 722	1 048	616	5)	18	164				-						
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996       930       324       458       130       18       08       40       11       4       4         5 to 19 percent       761       736       219       416       67       34       25       13       8       -       4         6 to 24 percent       429       165       189       59       16       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	Specified renter occupied ²					72	29	47	21	20		11						
5 to 19 percent       761       730       217       703       59       16       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -<	10 to 14 percent	996	930	324	458													
672       632       233       288       100       11       41       24       -       i       5         5 to 34 percent       2 022       1 865       999       720       113       33       157       64       78       15       -         5 percent or more       357       339       186       141       12       -       18       10       3       5       -         ist computed       357       339       186       141       12       -       18       10       3       5       -         IEATING EQUIPMENT       995       941       433       454       39       15       54       6       48       -       -         Varmoir furnace       3640       3 458       1 438       1 539       390       91       182       81       51       35       15         Varmoir furnace       135       131       37       66       23       5       4       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	15 to 19 percent			165	189	59	16	-	-	-	n	-						
5 percent or more	25 to 34 percent	673	632	233					64	78	15	-						
IEATING EQUIPMENT       995       941       433       454       39       15       54       6       48       -         team or hot water       3       3458       1       433       454       39       15       54       6       48       -       -         team or hot water       3       3       458       1       433       454       39       15       54       6       48       -       -         team or hot water       3       3       458       1       433       454       39       15       54       6       48       -       -         team or hot water       3       456       1       433       454       39       15       54       6       48       -       -       -       6       15       15       15       15       15       15       15       15       14       -       -       -       -       -       -       -       6       13       13       13       14       14       -       -       6       -       -       6       -       -       6       -       -       6       -       -       6       -       -	35 percent or more						-			3	5	-						
team or hot water       995       941       433       424       950       91       182       81       51       35       15         varm-oir furnace       3       458       1 438       1 539       390       91       182       81       51       35       15         varm-oir furnace       3       438       1 337       66       233       5       4       4       -       6         loor, voll, or pipeless furnace       275       255       102       111       42       -       20       14       -       -       6         her meons       222       17       4       13       -       -       5       -       -       5         one       22       17       4       13       -       -       5       -       -       5									-									
Vorm-oir furnace       3 640       3 458       1 438       1 539       390       7       102       -       4       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	Steam or hot water										35	15						
001-miselectric Units       275       255       102       111       42       -       20       14       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	Warm-air furnace					23		4	. ~		~							
and         and <th>Floor, wall, or pipeless furnace</th> <td>275</td> <td>255</td> <td>102</td> <td>111</td> <td>42</td> <td>30</td> <td></td> <td></td> <td>23</td> <td></td> <td>-</td>	Floor, wall, or pipeless furnace	275	255	102	111	42	30			23		-						
one	Other means					-	-		-	-	-	5						
11 minute to ace family homes on lass than 10 acres and no business an property. ² Excludes one-family homes on 10 acres or more.	NOR8	£*																

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

Limited 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]

	[Data based on	somple, see text.	For minimum be	ase for derived f	igures (percent,	median, etc.) and	l meaning of sym	bols, see text)		
The SMSA	Total		2 rooms	3 rooms	4 rooms	1	T	7 rooms	8 rooms or more	Median
Owner occupied housing units Units with 1 or more bothrooms and complete kitchen facilities for exclusive	8 376	-	25	100	853	2 329	2 984	1 168	917	5.8
use, and direct access	7 864	-	- 5	81	662	2 048	2 948	1 214	906	5.9
PERSONS										
2 persons		-	-	32 52	139 358			48 191	80	5.3
3 persons4 persons	1 193	-	16	5	161	476	613	199	132 138	5.4 5.7
5 persons6 persons or more	864	-	9	11	123	266		199 136	132 110	5.9 6.0
Median	1 581 3.2	-	-	1.8	33 2.3		566	395	325	6.4
PLUMBING FACILITIES BY PERSONS PER ROOM					2.5	2.0	3.3	4.2	4.3	
With all plumbing facilities	7 981	_	18	89	743	2 200	2 893	1 147	891 ;	
0.50 or less	3 956 3 261	-	-	32	408	1 036	1 556	417	507	5.8 5.8
1.01 to 1.50 1.51 or more	635 129	***	9	46 -	277 48	923	1 050 265	622 87	343 41	5.9 5.8 5.1
Lacking some or all plumbing facilities	395	-	9 7	11 11	10 110	56 129	22 91	21 21	26	5.1 5.0
0.51 10 1.00	246 75	-	-	11	89	69	50	21	17	5.0
1.01 to 1.50 1.51 or more	47 27	-	7	-	7 5	39	9 19	=	9	
BEDROOMS	21		-	-	9	5	13	-	-	
None and 1	296									
23	2 474	-	36 -	58 21	101 802	36 1 483	48 109	17 59	-	4.8
4 or more	4 118 1 444	-	-	~	66	1 140	2 326	407	179	5.9
YEAR STRUCTURE BUILT			-	-	-	25	249	459	711	7.5
1969 to March 1970	6	_	_	6						
1960 to 1968	686 1 197	_	- 4	-	20	380	169	79	38	5.4
1949 or earner	6 487	-	21	16 78	206 627	456 1 493	326 2 489	155 934	34   845	5.3
COMPLETE BATHROOMS										
1 and 1 1/22 or more	7 093	-	10	81	635	1 978	2 703	1 052	634	5.8
None or also used by another household	797 533	-	nī	30	27 141	78 154	258 117	162 55	272 25	6.7
VALUE-INCOME RATIO						1.24		11	25	5.0
Specified owner occupied' Less than 1.5	7 726	-	14	89	735	2 152	2 851	1 103	782	
1.5 to 1.9	4 151 971	-	-	46 21	349	1 090	1 605	572	489	5.8 5.9 5.9
2.0 to 2.9 3.0 or more	935 1 517	-	_	-	67 85	244 273	387 329	166 168	86 80	5.9 5.8
Not computed	152	-	14	22	209 25	501 44	471 59	178 19	122	5.5 5.6
<b>B</b>		1							-	3.0
Renter occupied housing units Units with 1 or more bothrooms and	5 957	94	130	897	1 627	1 741	980	312	176	4.6
complete kitchen facilities for exclusive use, and direct access										
PERSONS	5 434	18	68	759	1 543	1 632	983	298	133	4.7
] person	1 305									
2 persons	1 376	80 10	102	531 265	293 539	177 327	65 164	41 47	16 19	3.4
3 persons4 persons	1 058 737	-1	6	79	447	339	137	37	13	4.3 4.5
5 persons or more	530 951	4	6	16	178 86	347 240	142	22 27	26 24	5.0 5.2
median	2.8		1.1	6.	84 2.5	311	329	138	78	5.7
PLUMBING FACILITIES BY PERSONS PER ROOM	1					0.0			3.1	
With all plumbing facilities 0.50 or less	5 592	19	80	842	1 554	1 671	948	307	171	4.7
0.51 10 1.00	2 373 2 497	5	52 5	507 325	769 615	491 904	349	125	80	4.3
1.01 to 1.50	581	14	6	10	140	229	403 168	152 25	88 3	4,8 5.1
0.50 or less	365	75	50	55	30 73	47 70	28 32	5	5	4.7
0.31 10 1.00	126	75	50	24 19	63 10	13 22	17	-	5	3.7 1.3
1.01 to 1.50 1.51 or more	41	-	_	6	-	20	10	5	_	1.3
BEDROOMS				Ĩ	-	15	5	-	-	
None	126	95	-	31						
2	1 263	-	112	1 050	35 1 490	44	22	-	-	3.0
3 or more	1 936	-	-	-	1 490	1 074 587	81 693	377	279	4.4
YEAR STRUCTURE BUILT							1			
1969 to March 1970 1960 to 1968	137 635	26	17	38	54	41	4	_	_	4.1
1950 to 1959 1949 or earlier	664	9	15	77 58	210 253	222 232	59 87	26 19	- 6	4.5 4.6
COMPLETE BATHROOMS	4 521	59	115	724	1 110	1 246	830	267	170	4.0
1 end 1 1/2	6 000									ĺ
	5 302 205	18	68	753 17	1 541	1 624	951	266	81	4.7
None or also used by another household	460	71	64	70	101	25 97	37 34	32 5	52 18	6.0 3.7
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied?	_								. –	
Less than 10 percent	5 742 504	94 16	124	871 91	1 571	1 672	936	302	172	4.6
15 to 19 percent	996 761	4	6	147	105 275	157 300	77 222	9 26	4	4.5 4.7
25 to 34 percent	429	-	15	83 64	195 107	231 121	165	55	17	4.9
33 percent or more	673 2 022	69	31	90 327	235 579	173	105	23 30 98	10 9	4.8 4.4
Not computed	357	5	5	69	5/9	625 65	231 38	98 61	39	4.5 4.9
"Limited to one-family homes on less than 1	0				L	L.				

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

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

ſ	Dato based on s	ample, see te Owner occ	·······	num base for a	lerived figures	(percent, med	ilon, etc.) ono	Renter oc				7
The SMSA	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	8 376	7 998	369	9	5 957	3 088	943	655	459	718	94	-
ROOMS												
1 room 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms 8 rooms or more Median	25 100 853 2 329 2 984 1 168 917 5.8	- 14 89 764 2 219 2 934 1 150 828 5.8	11 11 80 110 50 18 89 5.3	9	94 130 897 1 627 1 741 980 312 176 4.6	5 36 219 691 1 033 696 272 136 5.1	34 186 255 263 166 17 22 4.5	9 18 129 188 246 53 7 5 4.4	14 26 52 169 127 57 7 4.3	33 6 297 309 56 8 9 - 3.6	33 10 14 15 16 - - 6	
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           Lacking some or all plumbing facilities           0.50 to 1.00           1.51 to 1.50           1.51 or more           1.51 or more           0.51 to 1.50           1.51 to 1.00           1.01 to 1.50           1.51 or more	7 981 3 956 3 261 635 129 395 246 75 47 27	7 649 3 749 3 168 612 120 349 221 61 40 27	328 203 93 23 9 41 20 14 7 7	44 	5 592 2 373 2 497 581 141 365 172 126 41 26	2 920 1 228 1 271 328 93 168 79 33 36 20	899 424 394 57 24 44 36 8 	619 261 251 88 19 <b>36</b> 21 4 5 6	409 122 215 72 	679 313 335 31 <b>39</b> 6 33 -	66 25 31 5 28 - - - -	- - - - - - - - -
BEDROOMS None 1 2 3 4 or more	22 274 2 474 4 118 1 444	22 257 2 289 3 978 1 338	- 17 185 140 106		126 1 263 2 661 1 422 514	341 1 496 1 028 448	257 337 106 48	31 111 242 184	20 99 261 69 -	50 412 325 13 -	25 43 - 22 18	
YEAR STRUCTURE BUILT												
1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1959 1949 to 1949 1939 or eorlier	6 145 541 1 197 992 5 495	6 140 541 1 178 962 5 171	- 19 30 320	- - - 4	137 240 395 664 746 3 775	99 133 135 370 442 1 909	15 10 19 44 105 750	19 53 71 85 50 377	4 12 53 90 38 262	- 7 91 70 111 439	25 26 5 38	
INCOME IN 1969										309	50	
Less then \$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 \$6,999 \$10,000 to \$14,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	1 046 608 557 393 347 2 065 2 119 676 91 \$8 100	981 578 525 380 339 451 1 962 2 047 648 87 \$8 100	65 30 28 13 8 23 98 72 28 4 \$7 500		1 897 681 463 387 343 349 1 175 514 143 5 \$3 900	933 351 250 190 182 183 603 313 78 5 \$4 100	255 68 56 70 53 57 283 77 24  \$5 400	203 107 74 51 43 33 81 32 31 \$3 200	147 57 29 14 27 24 111 40 10 \$3 900	309 88 49 62 38 48 88 36 - \$2 600	50 10 5 - 4 9 16 - 	
YEAR MOVED INTO UNIT								1/2	140	230	38	_
1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1959 1949 ar corlier	689 535 496 942 2 170 1 835 1 756	654 513 468 893 2 097 1 756 1 668	35 22 28 43 73 79 82	1     6     6	1 852 875 658 1 079 918 402 183	945 406 382 527 465 217 111	308 150 87 197 135 60 31	162 101 94 162 115 32 24	169 106 36 30 88 23 10	230 92 54 150 108 70 7	38 20 5 13 7 -	
GROSS RENT					5 742	2 873	943	655	459	718	94	· _
Specified renter occupied'           Less than \$50         \$50           \$50 to \$59         \$50           \$60 to \$69         \$50           \$70 to \$79         \$50           \$100 to \$19         \$19           \$120 to \$149         \$200 to \$299           \$300 or mare         \$300 or mare           Median         \$400	···· ···· ···· ····	···· ···· ···· ····	···· ···· ···· ···· ····		592 508 621 854 1 565 885 455 78 31 15 138 \$83	112 180 287 394 794 580 335 47 27 5 112 \$90	44 65 117 153 319 178 54 4 - - 9 \$85	37 88 122 121 197 59 22 4 - 5 5 \$76	87 73 70 52 111 26 20 14 4 - \$70	289 98 19 129 137 25 15 	21 4 5 7 17 9 9 	
HEATING EQUIPMENT							00	61	138	579	39	_
Steam or hot water Warm-air furnace Built-in electric units Floor, wall, or pipeless furnace Other means None	313 6 719 128 243 958 15	259 6 473 119 238 894 15	54 242 9 5 59 	- 4 - 5 -	995 3 640 135 275 890 22	98 2 219 74 155 520 22	80 665 6 28 164 -	386 22 53 133 -	261 4 9 47 -	82 20 16 21	27 9 14 5	-
AIR CONDITIONING Room unit(s) Central system None	639 177 7 607	639 172 7 238	• 5 357	- - 12	246 71 5 650	118 27 2 908	36 7 925	17 6 667	51 6 405	13 25 673	· 11 72	
AUTOMOBILES AVAILABLE 1 3 or more	3 906 2 710 459	3 702 2 655 431	192 55 28	12	2 323 667 53	1 188 362 40	424 146 6 392	254 75 7 354	180 36 	250 43 418	27 5 51	
S OF MORE	1 348	1 261	87	-	2 924	1 463	372	J.24	240	410		

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

Excludes one-family homes on 10 acres or more.

METROPOLITAN HOUSING CHARACTERISTICS

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

	┃ ├				Two-or-m	pre-person ho	useholds				One-person	household
he SMSA			Male head, wi	fe present, no	nonrelatives		Other ma	le head	Female	head		
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 yea ond on
Owner occupied housing units	8 376	160	743	1 454	2 457	915						
UMBING FACILITIES BY PERSONS PER ROOM					× 457	713	342	134	901	348	507	4
0.50 or less	7 981 3 956	160 74	733 212	1 424 277	2 346 1 045	850	328	129	873	297	463	3
	3 261 635	68 18	455 62	878	1 030	578 236	191 118	82 43	427 379	229 54	463	3
.51 or more	129 395	-	4	230 39	202 69	36	14 5	4	55 12	14	-	
.50 or less	246	-	10 5	30	111 60	65 46	14	5	28	51	44	
.01 to 1.50	75 47	-	-	12 13	25 17	11	3	-	12	34 12	44 -	
ITS IN STRUCTURE	27	-	5	5	9	8	5	-	7	5	-	
	7 998	160	725	1 410	0.041							
more ile home or trailer	369	-	18	¥ 410 44	2 341 111	876 35	320 22	123	871 30	325 23	463 44	3
OME IN 1969		_	-	-	5	4	-	-	~	-	-	
than \$2,000 00 to \$2,999	1 046	-	18	10	44	164	24	28	198		1/0	
10 53,999	608 557	18	6 19	32 25	60 56	175	8	24	111	113	160 60	2
	393 347	4 10	34 14	15 56	66	112	9 7	23 10	156 114	21 4	64 22	
0 to \$6,999 0 to \$9,999 00 to \$14,999 00 to \$14,999	474 2 065	15 62	32 252	107	75 152	52 42	20 30	-1	51 48	36	26 45	
	2 119	47	298	361 604	856 802	89 94	122	22 27	107 89	75 39	102 28	
00 or more	676 91	4	66 4	218 26	295 51	40	31	-	22	-	-	
JE-INCOME RATIO	\$8 100	\$8 600	\$10 000	\$11 000	\$9 700	\$3 800	\$8 800	\$3 700	\$3 900	\$3 200	\$3 500	\$2000
Specified owner accurted:	7 726	151	704			(						
1.9	4 151 971	81	706 468	1 365 972	2 240 1 522	859 299	315 222	123 45	<b>857</b> 278	291 108	<b>443</b> 147	3
2.4	597	39 13	128 33	200 99	291 180	82 88	34	9	95	44	24	
3.7	338 478	12	26 22	38 25	81	50	18 7	13 8	83 64	20	40 18	
more	1 039 152	-	18 11	27	87 75	110 217	11 20	13 30	97 193	23 82	45 122	2
				4	4	13	3	5	47	5	47	
Renter occupied housing units BING FACILITIES BY PERSONS PER ROOM	5 957	265	765	461	527	244	238	31	2 011	110	935	3
Il plumbing facilities	5 592	265	741	451	493	201	A17					
101.00	2 373	28 217	140	92	199	226 111	217 101	26 8	1 937 497	110 76	781 776	3- 3-
or more	581	16	450 133	231 90	211 56	103	87 24	18	1 141	34	5	
or less	365	4	18 24	38 10	27 34	7	5 21	5	42	-	<del>.</del> .	
1 to 1.50	172	-	10 4	4	20 8	7	17	-	74 14	-	154 79	
to 1.50	41 26	-	10	6	8 - 6	11	4	-	20 25	-1	75	
S IN STRUCTURE	2			-	0	-	-	5	15	-	-	
	3 088 1 598	124 51	382 249	288 122	348 131	124	142	27	1 098	45	357	1
9	1 177 94	77	129	51	48	43 77	66 25	4	508 383	38 27	298 241	11
e home or troiler SS RENT	-	-	5	-	-	-	5	_	22	-	39	1
Specified renter accuried?	5 742	261	739	426	517				_			
50	592 508	5	29	6	26	244 35	238 6	22	1 935 119	105 18	906 225	34 15
\$79	621 854	22	89	33	34 43	23 24	15 24	8	187 246	11	149	52
0 \$119	1 565	46 112	104 260	60 147	61 155	42 76	38 66	ĩõ	328	22	108	3
0 \$199	885 455	37 11	132 73	102 54	103 61	22	50	4	473 354	20 6	215 53	4
0 \$299	78 31	16	11	10	5	12 3	34		190 13	6	74 14	
r more	15	-	-	-	5	-	5	-	15	-	5	
S RENT AS PERCENTAGE OF INCOME		-	30	14	24	7	~~	-	10	-	27	2
Specified matter arcuals d2	5 740	<b></b>				[						
than 20 percent	5 742 3 292	261 93	739 127	<b>426</b> 60	517 158	244 182	238	22	1 935	105	906	34
	169	10 32	8 26	7 22	18	24	108	14	1 521 67	93 5	597 26	33
ercent or more	599 2 006	18 33	20 54 34	11	35	10 42	4 14	-	80 315	7	30 50	13 49
to \$9.999	292	-	5	16	87 18	99 7	80 10	14	950 109	70	388	23:
24 percent	1 501	122	406 322	284 215	222 189	47 32	108	8	331	12	103 270	34 10
	198 74	57	46	46 23	28	15	95 13	8	263 30	7	250 10	10
computed	16 31	ź	6	23	5	-	~	-	28	-	ĩõ	-
than 20 percent	487	46	21 175	62	84	10	22		10	-	-	-
ercent or more	468	46	166 5	57	79	10	22	-1	49 49	_	39 39	-
	14	-	- 4	5	-	-[	-	-1	-	_	-	
then 20 percent	143 123	-	31	20	53	5	-	-		_	-	-
ercent or more	-	-	26	15	43	5	-	-	34	-	-	-
computed	20	-	5	5	10	-1	-	21		-1	+	

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

#### hald: 1970 . . . .... NA #1-1 Table

e A-18. Persons in Owner and Renter Occupied Housing Units With Negro Head of Household:	197
[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]	

	[Dato based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]									
The SMSA	Total	l person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	8 376	922	2 208	1 608	1 193	864	631	484	466	3.2
BEDROOMS None and 1	296 2 474	112 352	77 1 050	72 457	289	14 218	21 43	65	-	2.3
3	4 118 1 444	247 132	1 038 228	897 166	588 197	468 203	484 128	231 233	165 157	3.4 4.5
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968	6 145	- 4	6 31	21	- 18	- 28	16	_ 14	13	4.4
1960 to 1964 1950 to 1959 1940 to 1949	541 1 197 992	61 78 119	102 314 243	127 242 193	90 196 139	52 155 94	64 117 110	24 42 48	21 53 46	3.3 3.4 3.2
1939 or earlier	5 495	660	1 512	1 025	750	535	324 619	356 467	333 442	3.1 3.2
12 or more 2 or more Mobile home or trailer	7 998 369 9	847 75 	2 096 103 9	1 532 76 -	1 162 31 -	833 31 ~	12	407 17 -	24 24 -	2.6
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2	7 093 734	796 38	1 835 130	1 391 130	1 079 99	696 130	496 91	391 55	409 61	3.2 4.2
3 or more None or also used by another household	63 533	6 100	14 202	6 94	8 33	7	8 26	7 18	7 42	2.3
HOUSEHOLD COMPOSITION Two-or-mora-person bouseholds Male head, wife present, no nonrelatives	7 454 5 729		<b>2 208</b> 1 519	1 <b>608</b> 1 201	1 1 <b>93</b> 918	864 751	<b>631</b> 519	<b>484</b> 418	<b>466</b> 403	3.4 3.7
Under 25 years 25 to 34 years 35 to 44 years	160 743 1 454	···· ···	30 84 132	66 189 193	35 198 294	21 158 287	8 64 199	27 195	- 23 154	3.3 4.0 4.9
45 to 64 years	2 457 915 476	· · · · · · · · · · · · · · · · · · ·	736 537 193	570 183 103	299 92 80	237 48 28	242 6 36	176 20 23	197 29 13	3.4 2.4 2.9
Under 65 years65 years and over65 years and over_06 years and over_060 years and over_060 years an	342 134 1 249		130 63 496	79 24 304 206	69 11 195	15 13 85 80	24 12 76 71	16 7 43 43	9 4 50 41	3.0 2.7 2.9 3.3
Under 65 years65 years65 years and over65 years and over67 years and	901 348 922	 922	290 206 	206 98 	170 25 	5 	5		9	2.3 1.0
VALUE-INCOME RATIO Specified owner-occupied'	7 726 4 151	819 156	2 043 883	1 491 848	1 1 <b>09</b> 706	7 <b>96</b> 564	593 340	<b>463</b> 334	412 320	3.2 3.8
1.5 to 1.9	971 597 338	49 61	275 184 95	221 86 102	152 108 29	99 36 38	95 82 17	40 35 10	40 5 9	3.2 3.1 2.9 2.3
3.0 to 3.9 4.0 or more Not computed	478 1 039 152	38 78 377 60	198 354 54	84 134 16	21 84 9	35 15 9	28 31	14 26 4	20 18	2.3 1.9 1.8
									225	
Renter occupied housing units BEDROOMS	5 957	1 305	1 376	1 058	737	530	421	305	-	2.8
None2 1 2 3 or more	126 1 263 2 661 1 936	126 563 434 115	- 592 645 292	39 844 292	22 344 230	234 315	103 294	25 45 264	22 12 134	1.6 2.8 4.6
YEAR STRUCTURE BUILT	137	37	27	26	28		5	10	4	2.7
1965 to 1968 1960 to 1964 1950 to 1959	240 395 664	21 77 90	49 72 146	45 76 132	39 66 89	23 51 82	16 5 54	32 24 43	15 24 28	3.6 3.1 3.2
1940 to 1949 1939 or esrlier	746 3 775	112 968	168 914	167 612	85 430	80 294	60 281	35 161	39 115	3.1 2.5
UNITS IN STRUCTURE 1	3 088 943	510 239	687 254	540 194	393 95	288 82	281 40	208 28 22	181 11 29	3.1 2.4 2.8
3 and 4 5 to 9 10 to 19	655 459 718	147 93 267	154 88 175	104 72 142	68 81 93 7	71 51 29 9	60 28 7 5	42 5	4	3.2 2.0
20 or more Mobile home or trailer COMPLETE BATHROOMS	94	49 	18 -	6	-	-	-	-	-	-
2 or more None or also used by another household	5 302 205 460	1 060 36 209	1 207 42 122	946 6 58	712 31 30	516 26 6	371 32 19	279 13 -	211 19 16	2.9 4.1 1.7
HOUSEHOLD COMPOSITION	4 652		1 376	1 058	737	530	421	305	225 138	3,4 3,4
Male head, wife present, no nonrelatives Under 25 years 25 to 34 years	2 262 265 765		703 45 164	478 98 178	364 78 152	241 28 111	190 12 71	148 4 60	29	3.4 3.8
35 to 44 years 45 to 64 years 65 years and over	461 527 244		105 226 163	75 86 41	43 71 20	67 30 5	62 37 8	47 37	62 40 7	4.6 2.9 2.2 2.6
Other mole head Under 65 years	269 238		128 120 8	63 49 14	19 19 	15 11 4	24 24	15 15 -	5 - 5	2.5
65 years and over	31 2 121 2 011 110		545 460 85	517 492 25	354 354	274 274 -	207 207 	142 142 	82 82 -	3.5 3.7 2.1
65 years and over One-person households GROSS RENT AS PERCENTAGE OF INCOME	1 305	1 305							215	1.0 2.8
Specified renter occupied? Less than 10 percent 10 to 14 percent	5 742 504 996	1 255 87 171	1 334 104 223	1 037 117 190	703 46 141	506 42 99	398 50 69	294 37 47	215 21 56 31	3.0
15 to 19 percent 20 to 24 percent 25 to 34 percent	761 429 673	71 55 99	200 109 174	136 62 104	92 83 96	101 35 88	67 32 41 109	63 21 41 50	31 32 30 45	3.3 3.3 3.1 2.3 2.2
35 percent or more Not computed	2 022 357		471 53	366 62	222 23	126 15	30	50 35	-	2.2

*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-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]

	(Data based a	n somple, see	text. For mir	imum base fo	r derived figu	res (percent,	median, etc.) (	and meaning o	t symbols, see	text]		
Warren	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	to	to	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified ewner occupied	12 235	97	399	799	1 723	1 944	3 836	1 699	1 096	401	24]	16 400
ROOMS         and 2 rooms           3 rooms         s           5 rooms         s           6 rooms         s           7 rooms         s           8 rooms or more         wedon	16 72 1 178 3 848 4 436 1 683 1 002 5.7	6 	5 22 64 142 106 44 16 5.3	12 131 213 385 48 10 5.6	12 285 525 647 198 56 5.6	- 6 248 630 758 216 86 5.6	361 1 404 1 371 501 190	5 6 54 626 656 235 117 5.7	- 5 230 404 254 198 6.3		- - - 10 19 72 140 7.5+	13 300 16 300 16 000 18 100 26 300 
PERSONS         1 persons         2 persons         3 persons         5 persons         6 persons or more         Median         Units with roomers, boarders, or lodgers	1 322 3 722 2 259 2 039 1 530 1 363 3.0 197	28 43 11 11 11 - 4	97 135 53 58 40 16 2.3 5	125 330 99 85 92 68 2.3 30	318 579 252 206 170 198 2.4 31	210 639 388 255 206 246 2.8 48	329 1 005 832 742 488 440 3.2 56	111 458 323 362 229 216 3.4 11	64 326 167 224 207 108 3.4 9	25 126 69 77 64 40 3.2 7	15 81 65 19 34 27 2.9 -	13 600 15 600 16 600 17 700 17 400 16 600  14 200
PLUMBING FACILITIES BY PERSONS PER ROOM           With all planking facilities           6 50 or less           0.51 to 1 00           1.01 to 1 50           1.51 or more           256 or less           0 50 or less           0 51 to 1 00           1.01 to 1.50           1.51 or more	12 150 6 500 4 974 593 83 83 85 60 16 5 4	82 73 9 - 15 5 6 - 4	<b>399</b> 234 154 6 5  - - -	780 496 230 48 6 19 19 - - -	1 704 1 024 558 107 15 19 9 5 5	1 934 1 031 785 100 18 10 10 - - -	3 824 1 794 1 793 214 23 12 12 - - -	1 694 819 770 89 16 5 - 5 -	1 091 566 496 29 - 5 5 - -	401 272 129 - - - - - - - - -	241 191 50 - - - - -	16 400 15 900 17 000 15 700 
BEDROOMS None and 1 2	317 2 942 7 153 1 963	21 20 18	20 119 157 37	40 461 457 24	81 575 929 274	71 417 1 023 200	21 941 2 368 616	21 282 980 239	22 105 972 233	20 22 105 180	- - 144 160	14 300 17 200 18 300
YEAR STRUCTURE BUILT           1969 fite Morch 1970           1965 fite 1968           1966 fite 1964           1950 fite 1959           1945 fite 1949           1939 ar eorlier	29 506 1 396 3 347 1 679 5 278	- - 4 89	- - 45 40 314	13 16 61 66 643	- 6 23 360 134 1 200	12 126 456 252 1 098	9 111 559 1 243 631 1 283	106 424 591 228 350	151 174 394 207 170	15 76 39 131 69 71	5 31 35 62 48 60	25 300 19 800 17 800 17 600 13 400
COMPLETE BATHROOMS 1 and 1 1/2	10 416 1 540 118 142	86 6 23	399 9 	701 20 32	1 545 76 6 31	1 848 167 	3 454 317 19 17	1 543 219 10 14	670 331 6	120 285 21	50 110 56	15 800 24 000
HOUSEHOLD COMPOSITION Twic-rmare-percent laveabalds Maile head, wrise present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 45 to 64 years 50 Water sond over Other maile head Water 65 years 65 years and over 65 years and over 0 under 65 years	10 913 9 610 206 1 532 2 139 4 380 1 353 321 203 118 982 657 325 1 322 544 778	69 63 5 4 17 37 - 6 6 - 28 15 13	302 232 5 29 118 58 5 5 65 65 44 21 97 33 64	674 483 10 61 89 134 68 36 32 123 66 57 125 57 57 54 71	1 405 1 180 21 151 258 469 281 49 24 24 25 176 89 87 318 318 112 206	1 734 1 466 66 219 283 672 226 68 57 11 200 135 65 210 94 116	3 507 3 188 93 612 744 1 410 329 82 57 25 237 180 57 329 142 187	1 588 1 450 6 307 341 125 18 9 9 120 98 22 22 111 48 63	1 032 974 - 134 249 94 16 10 6 42 26 16 64 26 16 64 28	376 363 5 14 97 199 48 5 - 8 8 5 - 8 8 25 9 16	226 211 - 52 138 21 10 5 5 5 5 5 5 5 15 11 4	16 200 16 700 17 000 15 000 17 500 17 500 17 800 14 300 14 300 14 300 12 200 14 800 14 800 12 400 13 609 13 609 13 000
Less then 12 600 22 960 to 52 999 53 060 to 53 999 54 060 to 54 999 55 060 to 54 999 55 060 to 54 999 53 060 to 54 999 51 060 to 54 999 51 500 to 54 999 51 500 to 52 999 51 500 to 52 499 51 500 to 52 490 to 52 490 to	892 488 450 359 377 461 2 460 3 953 2 270 525 \$10 800	24 19 6 8 6 10 12 12 12 -	71 43 39 24 30 26 76 48 37 5 \$5 800	122 69 62 46 45 43 226 145 145 41 - \$7 200	237 142 95 69 67 80 344 498 186 5 5 \$8 500	110 66 103 72 55 72 547 618 267 34 \$9 700	218 107 85 89 103 103 791 1 491 744 105 \$11 400	85 29 35 26 44 69 337 628 392 54 \$11 800	11 4 25 20 22 42 108 378 403 83	8 9 5 4 13 101 143 113	6 - - 12 6 34 57 126	12 400 12 000 13 100 13 600 14 300 15 000 15 100 17 100 19 100 32 200
YEAR MOVED INTO UNIT           1969 to March 1970           1968           1968           1968           1968           1968           1968           1968           1968           1968           1969           1960 to 1964           1950 to to the to total state	902 640 636 1 209 2 522 3 714 2 593	9 - 6 7 17 26 50	12 10 38 39 50 109 164	33 18 31 60 122 186 303	107 41 81 126 195 488 620	132 118 70 178 368 676 484	342 238 195 351 932 1 114 635	\$11 800 125 105 232 488 540 196	\$14 200 70 92 66 121 258 334 66	\$18 900 53 11 35 76 53 160 38	\$26 900 19 7 14 19 39 81 37	16 700 17 800 17 400 17 200 17 600 16 600 13 300
Secon or hot water- Worm-an furnate Built-in detroit unnit Placer, wall or publics turnate Scher magins Alte CONDITIONING Built-	441 10 828 62 199 700 5	72 11 9 5	322 16 61	14 650 32 103 -	23 1 497 9 56 138 -	74 1 710 5 31 124 -	71 3 550 24 43 148 -	33 1 586 14 5 - 61 -	82 973 6 35 -	66 316 4 5 10 -	78 152 - 11 -	25 700 16 500 11 800 13 300
Roam units; Centrus yystem Rone Lithinted to pne-formity homes on less than 10	858 474 9 884	27 88	20 6 396	49 	131 6 1 521	307 50 1 669	657 90 3 060	363 71 1 352	161 86 760	107 70 249	36 95 85	18 100 26 600 15 800

used to ano-tamity homes on less than 10 ocres 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]

Werens         Lu         Lu <th< th=""><th></th><th>(Data based or</th><th>sample, see</th><th>text. For mir</th><th>nîmum base</th><th>for derived t</th><th>igures (percer</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>		(Data based or	sample, see	text. For mir	nîmum base	for derived t	igures (percer							
Topolic         Topolic <t< th=""><th>Warren</th><th>Total</th><th>than</th><th>to</th><th>to</th><th>to</th><th>to</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	Warren	Total	than	to	to	to	to							
mm         rm         rm<	Specified renter occupied	7 095	391	275	551	772	1 353	1 125	1 204	991	160	-	273	101
Immunication         200 (100)	ROOMS													
perter         2 and metry.         2 and metry.         2 and metry.         3 and metry.	2 rooms	420 1 623 1 941 1 527 991 229 135	93 206 30 11 14 -	60 84 75 20 5 - 7	70 236 98 53 10 -	84 187 262 167 30 5	51 408 428 265 144 25 9	225 291 301 239 30 10	18 201 255 319 283 72 37	54 427 276 159 53 17	74 34 11 12		10 22 46 41 73 33 37	67 84 104 115 122 136
I person         2 of all solution         2	PERSONS							170		110	10	_	82	76
PER COM         4         4         4         4         4         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <th1< th="">         1         <th1< th="" th<=""><th>2 perions</th><th>1 850 1 164 943 453 644 2.3</th><th>50 </th><th>56 25 10 17 4</th><th>127 54 37 8 14 1.4</th><th>170 101 85 22 80 1.9</th><th>382 247 160 73 143 2.4</th><th>279 253 190 82 142 2.9</th><th>371 183 205 122 123 2.7</th><th>315 236 166 79 85 2.8</th><th>37 28 47 6 23 3.4</th><th></th><th>63 37 23 38 30</th><th>108 111 116 120 109 </th></th1<></th1<>	2 perions	1 850 1 164 943 453 644 2.3	50 	56 25 10 17 4	127 54 37 8 14 1.4	170 101 85 22 80 1.9	382 247 160 73 143 2.4	279 253 190 82 142 2.9	371 183 205 122 123 2.7	315 236 166 79 85 2.8	37 28 47 6 23 3.4		63 37 23 38 30	108 111 116 120 109 
With A photological p														
New         2 45         44         24         45         423          24         24           24         27         17         17         17         17         17         17         17         17         17         17         17         17         33         335         345         26         20         20         100         107         332         21         -         27         100         107         332         21         -         20         100         107         332         21         -         100         107         332         21         -         100         107         332         21         -         100         107         332         21         100         107         100         107         100         107         100         107         107         100         107         100         107         107         100         107         100         107         100         107         100         107         100         107         100         107         100         107         100         107         100         107         100         107         100         100         100	0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Cacking some or oli plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50	3 244 3 161 362 114 214 93 102 6	311 60 - 20 -	132 68 4 6 65 38	263 184 14 9 81 36 41	388 274 54 31 25 16	577 627 105 33 11 3 8	410 596 98	501 662	424 517 45	74 81 -		164 92 9 - 8	95 111 100 85 62 
3 G MARCH 1970       300       113       11       34       53       27       14       107       332       20       -       14       159         166 th 1964       342       94       13       11       34       53       22       775       157       91       103       11       -       30       119       46       137       11       345       22       775       137       91       103       11       -       30       93       103       11       -       30       93       103       11       -       30       93       103       -       14       103       103       -       103       103       -       103       103       -       103       103       -       103       103       -       103       103       -       103       103       -       103       103       -       103       103       -       103       103       -       103       103       103       103       103       103       103       103       103       103       103       103       103       103       103       103       103       103       103       103       103       103 <th>None 12</th> <td>2 434 2 628</td> <td>368</td> <td>133 81</td> <td>355 77</td> <td>369 220</td> <td>557</td> <td>292 459</td> <td>275 407</td> <td>637</td> <td></td> <td></td> <td>79</td> <td>113</td>	None 12	2 434 2 628	368	133 81	355 77	369 220	557	292 459	275 407	637			79	113
1990 m barch 1970       330       113       11       36       531       277       14       177       38       21        15       15         1660 m 1924		2 007	-											
4 Box de prové       551       300       -       -       84       47       20       66       24       -       -       -       -       -       300         1 to 3 leoris       672       113       -       -       672       113       -       -       -       -       -       -       -       -       -       -       -       300       1001       1       1001       1       1005       113       -       -       -       -       -       300       1001       1       1001       1       1001       1       1005       1011       1       1001       1       1001       1       1001       1       1001       1       1001       1       1001       1       1001       1       1001       1       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001       1001	1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1964 1950 to 1959 1940 to 1949	842 617 480 1 227	94 33 5 51	19 15 4 23	64 20 5 99	68 28 22 132	51 45 77 358	10 71 135 207	107 143 91 234	343 208 103 93	70 33 17		21 21 30	150 138 117 96
4 Bors er more $330$ $ 310$ $ 57$ $50$ $66$ $24$ $                                                                                               -$	ELEVATOR IN STRUCTURE						20	66	24	-	_	~	-	
1 and 1 1/2       6       5.40       310       109       457       77.14       1 238       1 192       1 1.43       9.54       160       -       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130       130 </td <th>With elevator Walk-up</th> <td>469 82</td> <td>291 19</td> <td>- - 281</td> <td>21 63</td> <td>47</td> <td>20</td> <td>66</td> <td>24</td> <td>-</td> <td>113</td> <td></td> <td>- 369</td> <td></td>	With elevator Walk-up	469 82	291 19	- - 281	21 63	47	20	66	24	-	113		- 369	
Less thim \$2,000       1       015       265       76       140       133       152       75       53       42       18       -       155       76       101       88       144       133       152       75       53       42       75       53       42       75       43       100       87       43       19       8       -       11       93         \$4,000 to \$2,099       344       9       18       43       83       147       80       74       61       -       -       11       93         \$4,000 to \$2,099       523       6       11       45       51       155       83       147       80       74       61       -       -       18       92       -       -       16       19       54       109       54       109       137       186       120       134       331       137       186       124       25       37       -       6       16       6       6       100       137       100       100       224       -       27       145       150       16       6       10       100       100       100       100       100       100 <th>1 and 1 1/2</th> <td>- 252</td> <td>9</td> <td>18</td> <td>24</td> <td>j 24</td> <td>19</td> <td>16</td> <td>63</td> <td>42</td> <td>6</td> <td></td> <td>31</td> <td>120</td>	1 and 1 1/2	- 252	9	18	24	j 24	19	16	63	42	6		31	120
Less thm 52,000       1015       295       245       101       188       146       32       49       27       5       -       -       14       893         52,000 to 53,779       484       5       34       42       55       83       87       41       20       6       -       10       92         55,000 to 53,779       544       9       84       10       34       42       55       83       87       41       20       6       -       16       99       84       10       99       84       10       10       74       23       74       120       6       -       16       99       84       10       99       84       10       10       74       233       34       338       53       -       60       122       7       -       7       10       122       -       7       10       122       -       7       10       122       -       7       10       122       -       7       10       124       -       7       10       124       -       7       122       -       -       1122       10       124       -       7 <td< td=""><th></th><td></td><td></td><td>-</td><td>140</td><td>133</td><td>152</td><td>75</td><td></td><td></td><td>18</td><td>~</td><td></td><td></td></td<>				-	140	133	152	75			18	~		
1966 to Morch 1970       3 060 1 1966       172 1 135       94 1 135       206 1 206 1 147       228 221       234 221       153 221       613 221       - 228       105 1 206       105 1 216       105 86       - -       126       863 86       - -       - -       111 1 106       105 1 106         1967       1 135       13       60       57       147       221       224       153       159       61       -       -       111       106         1967       1 135       13       60       57       57       144       80       87       126       86       -       -       111       106         1965       777       71       43       118       140       196       131       7       -       23       94         1960 to 1954       732       19       13       66       101       212       100       140       51       7       -       39       86         1960 to 1954       203       6       19       19       29       27       24       -       -       -       10       15       7       -       10       10       10       102       124       100	\$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$3,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$6,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$15,000 to \$24,999	- 582 - 450 - 384 - 544 - 523 - 1 617 - 1 377 - 537 - 66	78 17 5 6 5 	46 42 34 18 11 27 10 5	101 39 42 63 45 58 38 16	88 81 55 1 200 1 200 1 60 1 10	3 146 100 5 83 3 147 1 155 3 332 2 184 4 49 5 49	32 87 87 80 108 351 252 53	49 43 41 73 74 348 374 139 10	19 20 55 230 338 189 10	6  9 53 42 24		14 11 10 18 54 60 27 12	86 93 92 98 109 129 145
1969 to Morch 1970			_			0.00	AOV	503						
INCOME       625       26       49       80       103       144       100       79       32       12       -        88         Less than 10 percent       1 667       22       41       111       220       384       297       320       234       38       -        104         10 to 14 percent       1 667       22       41       111       220       384       297       320       234       38       -        104         15 to 19 percent       1 375       34       43       66       129       254       285       327       205       32       -        124         20 to 24 percent       843       34       26       34       50       123       130       186       228       32       -        124         25 to 24 percent       843       34       26       34       78       134       135       120       123       14       -        89         25 to 34 percent       1       308       123       65       161       175       294       165       152       152       152       152       152	1968	- 1 135 - 559 - 977 - 732 - 439	13 49 71 19 35	60 5 43 13 52	55 71 118 60 20	14 4 3 14 5 10 5 5	7 221 4 80 0 196 1 212 7 58	234 87 181 100 79	153 126 126 140 71	159 86 78 51	7 7 7	-	24 23 39	106 90 94
Less thon 10 percent.       625       26       49       80       103       144       100       79       32       12       -        104         10 to 14 percent       1 667       22       41       111       220       384       297       320       234       38       -        111         15 to 19 percent       1 375       34       43       66       129       254       285       327       205       32       -        1124         20 to 24 percent       843       34       26       34       50       123       130       166       228       123       14       -        93         25 to 34 percent       861       127       46       84       78       134       135       120       123       14       -        93         35 percent or more       1       306       123       65       161       175       294       165       152       152       21       -        87         Not computed       -       416       25       5       15       17       20       13       20       17       11			1											88
Room unit(s) 1 041 15 29 68 124 117 264 352 95 7 172 94	Less than 10 percent	- 1 667 - 1 375 - 843 - 861 - 1 308	22 34 34 127 123	41 43 26 46 65	11 6 3 8 16	1 22 6 12 4 5 4 7 1 17	0 38- 9 25- 0 12: 8 13- 5 29-	297 285 130 130 135	320 327 186 120 152	234 205 228 123 152	38 32 32 14 21			104 111 124 93 89
Centrol system 5 564 365 271 536 708 1 166 1 077 837 376 52 - 110	Room unit(s)	500	- 1			-		14	111	273	9	si -		172

Excludes one-family homes on 10 acres or more.

### METROPOLITAN HOUSING CHARACTERISTICS

# 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]

		on sumple, see	text. For mini	imum base for	derived figure	es (percent, m	edian, etc.) aı	nd meaning of	symbols, see	text}		
Warren	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 accupied housing units	13 126	1 036	551	558	402	440	498	2 639	4 089	2 369	544	10 300
1 and 2 rooms 3 rooms 4 rooms 5 rooms	39 162 1 462 4 092	14 44 187 296	- 14 129 158	3 28 87 187		6 7 90	- 14 77	11 28 282	5 16 345	 11 198	-	3 800 8 100
6 rooms	4 607 2 764 1 591	380 115 634	213 37	179 74	134 144 66	145 117 75	179 144 84	1 055 938 325	1 306 1 501 916	557 829 774	75 162 298	9 700 10 600 13 300
2 persons 3 ond 4 persons 5 persons 6 persons or more Units with roamers, boarders, or lodgers BEDROOMS	4 006 4 525 1 601 1 403 227	249 102 29 22 59	185 288 63 4 11 20	184 278 50 22 24 18	73 262 33 15 19 18	111 188 107 11 23 15	96 212 119 44 27 10	163 813 1 052 321 290 25	117 1 052 1 726 647 547 35	17 544 1 059 415 334 27	11 120 214 93 106 -	2 900 8 900 12 100 12 700 12 600 4 900
Less than 3 3 4 or more YEAR STRUCTURE BUILT	3 845 7 344 2 053	460 486 36	259 174 -	205 255 58	122 187 -	305 97 62	261 189 78	788 1 622 236	997 2 601 765	389 1 366 619	59 367 199	8 200 11 300 13 600
1969 to March 1970	29 1 991 3 428 7 678	45 180 811	20 82 449	55 82 421	20 65 317	58 97 285	56 127 315	9 406 786 1 438	829 1 155 2 105	15 393 684 1 277	5 109 170 260	12 000 11 300
YEAR MOVED INTO UNIT 1969 to March 1970 1968	1 026 696 4 596 6 814	60 7 199 800	14 27 70 482	25 18 123 403	21 14 112 286	48 26 123 228	36 13 157 283	263 152 1 107 1 169	383 263 1 654 1 659	122 158 866 1 224	54 18 165 280	9 600 10 600 11 700 11 200 9 400
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer bishwasher Home food freezer Owned second home With oir conditioning Room unit(s) Centrol system	10 326 9 654 2 464 3 910 444 2 495 2 015	417 354 40 162 - 99 99	192 212 - 70 - 73 67	310 285 79 150 - 33 19	185 221 40 66 72 66	381 343 20 84 20 56 45	411 262 101 102 40 78	2 055 1 790 258 601 19 434	3 714 3 531 885 1 334 111 771	2 056 2 078 638 995 189 663	605 578 403 346 65 216	11 600 11 900 13 900 12 700 16 700 12 600
Automobiles available: 1 2 3 or more	480 5 801 5 088 1 066	505 65 27	6 340 48 -	14 334 67	6 272 62 7	287 76 5	60 18 377 99 -	361 73 1 581 926 104	657 114 1 594 2 045 262	520 143 437 1 406 518	121 95 74 294 143	12 200 14 900 8 500 12 900 17 500
Renter occupied housing units ROOMS	7 152	1 028	588	459	384	544	528	1 627	1 391	537	66	7 100
2 rooms	229 420 1 638 1 950 1 541 1 374	32 140 374 220 140 122	40 82 141 154 134 37	17 27 140 145 78 52	27 20 104 104 62 67	39 27 135 149 108 86	4 22 150 124 98 130	26 64 308 505 363 361	18 38 220 388 407 320	26 61 161 130 159	- 5 - 21 40	4 900 2 900 5 400 7 500 8 200 8 400
Persons 2 persons 3 and 4 persons 6 persons or more Units with roomers, boarders, or lodgers BEDROOMS	2 056 1 859 2 126 458 653 136	630 207 119 25 47 28	281 159 80 16 52 21	183 131 92 24 29 4	130 107 103 19 25 22	179 129 191 19 26 10	96 129 163 55 85 24	336 390 624 140 137 13	162 414 542 123 150 9	54 193 163 37 90 5	5 49 12 -	3 600 7 500 8 500 8 500 8 400 4 700
None	245 2 452 2 647 2 068	60 602 190 255	24 170 268 139	43 193 191 94	70 104 119 56	165 244 101	94 222 223	24 571 491 540	473 659 427	24 80 245 169	- 18 64	6 000 7 500 7 900
1969 to March 1970	344 1 469 495 4 844	122 219 41 646	71 96 26 395	25 100 19 315	19 34 44 287	22 62 32 428	10 76 56 386	30 338 103 1 156	29 367 111 884	10 145 51 311	6 12 12 36	2 700 8 300 7 900 6 900
YEAR MOVED INTO UNIT 1969 to March 1970 1960 to 1967 1959 or earlier GROSS RENT AS PERCENTAGE OF INCOME	3 078 1 135 2 293 642	359 89 392 170	269 60 222 42	188 44 151 60	168 41 130 50	275 113 139 28	279 78 148 28	709 378 474 81	584 235 448 95	231 81 177 71	16 16 12 17	7 000 8 100 6 800 5 000
Specified reater accupied: Less than 15 percent. 15 to 19 percent. 20 to 24 percent. 25 to 34 percent. 35 percent or more. Not computed.	7 095 2 292 1 375 843 861 1 308 416	1 015 5 9 109 697 195	582 5 24 31 173 334 15	450 12 27 81 153 163 14	384 18 95 56 151 53 11	544 61 169 142 116 46 10	523 124 177 121 68 15 15	1 617 655 523 299 86 - 54	1 377 874 339 99 5 	537 489 16 5 -	<b>66</b> 54 - - 12	7 190 11 600 8 100 6 800 4 000 2000 2 900
SELECTED CHARACTERISTICS Automatic clathes washing machine Dishwasher Home food freezer Wind second home Wind or conditioning Raom unit(s) Central system Automobiles evoluble:	3 392 2 599 403 782 271 1 554 1 054 500	321 204 40 74 74 46 41 5	195 193 75 42 31 11	212 214 45 57 - 66 48 18	96 58 23 - 46 41 5	189 64 - 19 56 36 20	381 252 35 	817 575 109 119 91 403 330 73	871 747 168 271 40 539 297 242	269 251 41 105 24 238 145	41 41 23 23 49 23	8 100 8 600 10 200 10 100 10 500 9 400
2	3 719 1 606 171	235 63 15	251 39 ~	249 38 -	222 27 17	352 79 6	389 74 20	73 1 153 329 26	242 649 610 46	93 212 301 33	26 7 46 8	12 300 7 400 11 300 10 200

# Toble 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]

]	Data based on so	imple, see text. r		olumbing faciliti			L		r all plumbing fo	acilities	
Warren	-		0.50	0.51	1.01	1.51		0.50	0.51 to	1.01 to	1.51 or
114/16/1	Total	Total	or less	to 1.00	to 1.50	or more	Total	or less	1.00	1.50	more
Owner occupied housing units	13 126	13 013	7 051	5 247	632	83	113	84	20	5	4
PERSONS						_	45	45	-	_	
2 persons	1 591	) 546 3 967	1 546 3 901	66	-	_	39	35	4	-	-
3 persons	2 393	2 389 2 121	1 338 209	1 051 1 912	-	-	4 13	-	11	-	-
4 persons	2 132 1 601	1 601	57	1 488	56 576	83	14	-	5	5	4
6 persons or more	1 403	1 389 2.9	2.0	730 4.3	6.7		1.8	•••		•••	
Median Units with raamers, boarders, or lodgers	227	223	123	70	30	-	4	4	-	-	-
YEAR STRUCTURE BUILT			~~	10	_	_	-	_	-	-	-
1969 to March 1970	30 495	30 495	20 229	234	24	8	-	-	-	2	-
1960 to 1964	1 472 3 424	1 472 3 403	465 1 605	844 1585	149 193	20	21	6	8	7	-
1950 to 1959 1940 to 1949	1 739	1 739	1 030	680	29 237	26	94	69	19	-	6
1939 or earlier	5 972	5 878	3 756	1 859	207						
INCOME IN 1969 Less than \$2,000	1 036	1 009	905	68 54	11 6	5	27 15	23 15	4	-	-
\$2,000 to \$2,999 \$3,000 to \$3,999	551 558	536 523	471 451	54	18	- 7	35	29 4	6	-	-
\$4,000 to \$4,999	402 440	398 440	350 342	29 75	12 23	_	4	_	-	-	-
\$5,000 to \$5,999 \$6,000 to \$6,999	498	498	339	139	14 131	6	18	13	-	5	-
\$7,000 to \$9,999 \$10,000 to \$14,999	2 639	2 621 4 080	1 209	1 265 2 084	268	19	9	-	5 5	-	4
\$35,000 to \$24,999	2 369	2 364 544	1 000 275	1 229 230	116 33	19 6	_	-	-	-	-
\$25,000 or more Median	544 \$10 500	\$10 600	\$8 700	\$12 200	\$11 900		\$3 400	•••			
VALUE-INCOME RATIO		12 150	6 500	4 974	593	83	85	60	16	5	4
Specified owner occupied '	5 026	4 990	2 071	2 558	316 128	45 10	36	11	16	5	-
1.5 to 1.9 2.0 to 2.4	2 638	2 638 1 373	1 259 788	1 241 528	52	5	12	12	-	-	-
2.5 to 2.9	680	668 806	368 543	238 233	51 23	11	-	~	-	-	-
3.0 to 3.94.0 or more	1 577	1 540	1 368	155	17	- 5	37	37	-	-	-
Not computed		135	103	21	Ū						
HEATING EQUIPMENT Steam or hat water	516	516	313	192	11		87	64	14	5	- 4
Worm-oir furnace	11 501	11 414 73	6 192 22	4 613 41	545 10	64 -	-	-	-	-	-
Built-in electric units Floor, wall, or pipeless furnace	_ 223	203	111	75	17 49	19	20 6	14 6	6	-	-
Other meons	808	802 5	408 5	326	-	-	-	~	~	-	-
		6 938	3 278	3 170	376	114	214	93	102	6	13
Renter occupied housing units	. , 132	0 730	•	-					74	_	_
PERSONS 1 person	2 056	1 892	1 754 1 246	138 592	-	-	164	90 3	13	-	5
2 persons3 persons	- 1 859 1 178	1 838	241	919	3 5	-	15 10	-	11	6	4
4 persons	- 948	938 458	33 4	900 371	73	10	-	-	- 4	-	-
5 persons or more	653	649	1.4	250 3.4	295 6.2	104 7.5+	4 1.2		1.2	•••	
Median	1	2.4 133	49	80	4	_	3	3	~	-	-
YEAR STRUCTURE BUILT	-								_	-	_
1969 to March 1970	- 322	322 853	152 393	126 410	26 29	18 21	6	6	ā	-	-1
1965 to 1968 1960 to 1964	_ 660	654	272	320 254	46 33	16 7	6 7	-	7	-	-
1950 to 1959	_ 533	526 1 215	232 505	580	81	49	20 190	13 89	7 88	-	13
1939 or earlier		3 349	1 647	1 501	166	35		••			
INCOME IN 1969 Less than \$2,000	1 028	968	728	209	14	17	60 38	30 11	30 21	6	=
\$2,000 to \$2,999	- 588	550 440	357 243	145 155	48 31	n	19	9	10 10	-	-4
\$3,000 to \$3,999 \$4,000 to \$4,999	384	365	166	185 234	14 16	_	19 25	12	4	-	9
\$5,000 to \$5,999 \$6,000 to \$6,999	- 544	519 514	269 157	279	51	27 33	14 28	5 21	9 7	-	-
\$7,000 to \$9,999	1 627	1 599 1 387	632 488	857 808	77 69	22	4	-	4 7	-	-
\$10,000 to \$14,999 \$15,000 to \$24,999	537	530	210	260 38	56	4	7	-	_	-	-
\$25,000 or more Median	- 66	66 \$7 200	28 \$5 500	\$8 300	\$7 500	\$7 200	\$3 500		\$3 000	•••	
GROSS RENT AS PERCENTAGE OF INCOM	E		3 244	3 161	362	134	214	93	102	6	13
Specified renter occupied ²	7 095	6 881 586	223	295	52	16 45	39 44	21 22	14 17	-	5
10 to 14 percent	1 667	1 623 1 351	611 506	874 758	93 72	15	24		10	6	4
15 to 19 percent 20 to 24 percent	. 843	832	360	440 309	22 58	10 6	11	-	11	-	-
25 to 34 percent	- 801	850 1 236	477 812	350	52	22	72 13	41	31 13	-	=
35 percent or more Not computed		403	255	135	13	-	15		-		ł
HEATING EQUIPMENT	1 397	1 316	776	507	25	8	83	41 44	42 44	-	13
Steam or hat water Warm-air furnace	4 916	4 815	2 079 56	2 348 59	299 5	89	101		-	-	-
Built-in electric units Floor, wall, or pipeless furnoce	- 120	120 142	95	31	16	17	6 24		16	6 	=
Other means	565	541 4	268 4	225	31	-	-	_	-	_	
None	4	l									_

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

	[Data based on	sample, see text.	For minimum bas	se for derived fiç	jures (percent, m	nedian, etc.) and n	neoning of symb	ols see text1		
Warren	Total	l room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	·····
Owner occupied housing units Units with 1 or more bothrooms and	13 126	-	39	162	1 462	4 092	4 607	1 727	1 037	Media 5.
complete kitchen facilities for exclusive use, and direct access	12 946	-	19	135	1 455	3 999		1 700		
PERSONS 1 person						3 777	4 534	1 729	1 075	5.
3 persons	4 006	-	30 9	72 61	358 627	459	515	101	56	5.
4 persons 5 persons	2 132		-	29	268 134	1 363 754	1 376 883	365	205 148	5
6 persons or more Median	1 403	-	_	-	56	706 467	786 580	297 327	209 171	5
PLUMBING FACILITIES BY PERSONS PER ROOM	2.9	-	••••	1.6	2.1	343 2.8	467 3.0	326 3.8	248 4.0	6
With all plumbing facilities	13 013	_	35							
0.50 or less 0.51 to 1.00 1.01 to 1.50	7 051 5 247	-	30 5	146 56 90	1 453 980	4 062 1 803	4 561 2 738	1 727 777	1 029 667	5. 5.
1.51 or more Lacking some or all plumbing facilities	632 83	-	-	-	402 66	1 916 298	1 623 185	878 54	333 29	5
0.50 or less	113 84	_	4	16	5 9	45 30	15 46	18	8	5
	20 5	_	4	16	5	19 11	36 5	_	8	
1.51 or more	4	-	-	-	- 4	-	5	-	_	
lone and 1	512									
	3 333	-]	60	166 21	181 1 243	58 1 743	27	20	-	3.
or more	2 053	-	-	-	19	2 489 50	326 3 756 589	960	120	4. 5.
EAR STRUCTURE BUILT 969 to March 1970					-	50	486	687	727	7.
	29 1 991	-	-	-	-	9	-	5	15	
49 or earlier	3 428 7 678	_	16 23	14 14 134	99 587	914 1 450	541 910	265 324	158	5.
OMPLETE BATHROOMS		_	23	134	776	1 719	3 156	1 133	737	5. 5.
or more	11 034 1 921	-	22	98	1 346	3 698	4 046	1 308	51/	
one or also used by another household	177	-	6 5	37 22	109 28	301 42	488	421	516 559 8	5.4 6.5 5.3
Specified owner accurted	12 235									
5 to 1.9	5 026 2 638	-	16 6	72	1 178 537	3 848 1 483	4 436	1 683 702	1 002	5.:
) or more	2 053	-	5	33 10 5	193 138	880 739	910	435	393 210	5.1 5.4
t computed	2 383 135	-	5	24	304 6	697 49	913 49	265 271 10	209 174 16	5.7 5.7 5.7
Renter occupied housing units	7 152	229	420	1 638						
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access				1 638	1 950	1 541	1 000	239	135	4.2
RSONS	6 679	85	316	1 513	1 928	1 567	928	219	123	4.2
person	2 056 1 859	212	358	896	366	112	62	25		
persons	1 178	5	48 3	557 164	653 462	435 304	138 203	14	25 9 9	3.0 4.0
persons or more	948 458	4	-6	11	305 73	384 132	171	29 40	331	4.4 4.9
	653 2.3	1.0	5 1.1	10 1.4	91 2.4	174	253	44 87	26 33	5.6 5.7
UMBING FACILITIES BY PERSONS PER ROOM						5.2	4.1	4.8	4.2	•••
th elipiumbing factifies 0.50 or less 0.51 to 1.00	6 938 3 278	142	371 309	1 586 866	1 934	1 541	996	239	129	4.2
0.51 to 1.00 1.01 to 1.50	3 170 376	138	48	705	1 011 759 137	547 820	403 489	68 156	74 55	4.0 4,4
king some or all plumbing facilities	114 214	4 87	11 49	10 52	27	137 37	79 25	15	_	4.8 4.6
0.51 to 1.00	93 102	74	49	30 16	16 8	-	4	-	6 6	1.9
cor or more concernation of the second	6 13	13	_	6	8	-	4	=	-	1.2
DROOMS				_	-	-	-	-	-	•••
Ne	245 2 452	202	43 495	1 67.1	a-7	-	-	_	_	
r more	2 647 2 068	-	-	1 534 54	357 1 596	42 936	39	22	24	3.0 4.3
AR STRUCTURE BUILT		-	-	-	23	519	1 146	241	139	5.9
9 to March 1970 0 to 1968	344	10 29	23	135	88	73	15			
0 to 1959 9 or earlier	495	190	87 11	250 76	542 187	405 149	125	21 20	10	3.5 4.2 4.4
MPLETE BATHROOMS		170	299	1 177	1 133	914	820	198	113	4.4 4.2
nd 1 1/2	6 583	130	314	1 519	1 886	1 540	000			
s of used by another household	252 313	37 85	8 70	15 115	61	33	922 19	192 36	80 43	4.2 4.7
DSS RENT AS PERCENTAGE OF INCOME	7					Ĭ	3	-	-	2.5
Specified rester occupied?	7 095	229 49	420 46	1 623 145	1 941 140	1 527 138	991 75	229	135	4.2
	625		pro i	387	485	369	75 239	15	17	4.0 4.2
to 14 percent	1 667	47 34	82 55	260		240	237	41	17	
s man to percent	1 667 1 375 843 861	34 28	55 15 83	260 153 230	374 263	340 197	251 156	47 12	14 19	4.4 4.4
to 14 percent	1 667 1 375 843	34	55 15 83 129 10	260	374	340	251	47	14	4.4

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

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

	Data based on s	Owner occ						Renter occ				
14/		Owner occ	opieu	Mobile		······································						Mobile
Warren	Total	1 unit	2 units or more	home or trailer	Total	) unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	home or trailer
All occupied housing units	13 126	12 449	598	79	7 152	2 709	1 411	1 026	863	500	595	48
ROOMS									43	54	110	_
1 room	39	16	17	-	229 420	7 31	32	15 126	43 67 188	24 169	129	11
2 rooms	162 1 462	72 1 204	76 204	14 54	1 638 1 950	204 520	469 493	330 307	358	168 76	83	21
4 rooms	4 092	3 903 4 543	184 64	5	1 541 1 000	803 797	298 104	226 22	74	3	-	-
7 rooms	1 727	1 704	23 30	-	239 135	228 119	11		-	6	6 2.7	-
8 rooms or more Median	5.7	5.7	4.5		4.2	5.2	3.9	3.6	3.9	3.5	2.7	
PLUMBING FACILITIES BY PERSONS PER ROOM				i						458	565	48
With sil plumbing facilities	13 013 7 051	12 364 6 632	570 378	<b>79</b> 41	6 938 3 278	2 696 1 084	1 387 639	<b>976</b> 513	808 363	458 263 195	383 182	33 15
0.50 or less 0.51 to 1.00	5 247	5 052	157 35	38	3 170 376	1 357 184	665 73	365 82	391 37	-	-	-
1.01 to 1.50	632 83	597 83	28	-	114	71 13	10 24	16 <b>50</b>	17 55	42	30	-
Lacking some or all plumbing facilities 0.50 or less	113 84	<b>85</b> 60	24	-	93 102	7	11 13	31 19	30 16	11 27	10 20	-
0.51 to 1.00 1.01 to 1.50	20 5	16 5	4	-	6	6	-	-	9	4	-	-
1.51 or more	4	4		-	13	-						
BEDROOMS					245	24	-	24	43	89	65	-
None1	512	317	178	17	2 452 2 647	311 908	714 539	451 317	255 570	222 208	499 64	41
2	3 333 7 344	3 024 7 257	209 87	-	1 529	1 162	232 20	in_	24	-	18	-
4 or more	2 053	1 982	71	-	755	501						
YEAR STRUCTURE BUILT 1969 to March 1970	29	29	_	-	344	127	10	19 74	33 257	30 152	125 164	5
1965 to 1968	537	511 1 428	3	26 23	852 617	190 193	10 33	62	117 57	121	81	10
1960 to 1964 1950 to 1959	3 428	3 384 1 723	23 59	21 5	495 1 232	307 449	59 355	45 185	164	30 167	43 177	6
1940 to 1949 1939 or earlier	1 787 5 891	5 374	513	4	3 612	1 443	944	641	235	107	.,,	1
INCOME IN 1969					1 000	312	197	186	56	47	225	5
Less than \$2,000 \$2,000 to \$2,999	1 036	919 499	106 52	11	1 028	180 168	101 93	113 61	34 49	42 35	101 48	17
\$3,000 to \$3,999 \$4,000 to \$4,999	558	475 372	79 30	4	459 384	147	96 116	53 59	31 91	31 41	26 38 9	-
\$5,000 to \$5,999 \$6,000 to \$6,999	440	395 467	36 26	9 5	544 528	199 220	126 333	88 254	45 211	35 146	9 67	5 10
\$7,000 to \$9,999	2 639	2 498 3 985	112 83	29 21	1 627 1 391	606 587	250	174	226 114	87 36	61 20	6
\$10,000 to \$14,999 \$15,000 to \$24,999	2 369	2 295 544	74	-	537 66	246 44	89 10	6	58 800	\$7 400	\$2 700	-
\$25,000 or more Median	\$10 500	\$10 800	\$5 900		\$7 100	\$7 600	<b>\$6 800</b>	\$6 500	<b>20 000</b>	47 <del>4</del> 00	42 700	
YEAR MOVED INTO UNIT				14	3 078	1 016	507	488	439	268	325	35
1969 to March 1970 1968	- 696	929 640	83 42	14	1 135 565	422 240	219 144	153 64	202 39	86 30 72	46 41	777
1967	- 676	650 1 222	21 43	9 20	989 739	412 269	187 200	139 136	73 61	30	106 43	-
1965 and 1966 1960 to 1964 1950 to 1959	2 646	2 583 3 514	43		394 248	197 119	114 33	35 35	20 28	14 14	14	-
1949 or eorlier		2 916	239	6	246	117						i i
GROSS RENT					7 095	2 652	1 411	1 026	863	500 18	595 229	48
Specified renter occupied			•••		391 275	66 64	52 53	- 6 59	20 22	39 54	38 108	-
\$50 to \$59 \$60 to \$69					551 772	124 243	91 197	132 194	42 87	15	36 41	18
\$70 to \$79 \$80 to \$99					1 353	376 559	449 275	307 167	129	33 17	31 67	15
\$100 to \$119 \$120 to \$149					1 204	610 327	170 108	86 39	104 321	152 162	34	-
\$150 to \$199 \$200 to \$299			•••		160	88	-	11	56	-	5	-
\$300 or more No cash rent					273 \$101	195 \$113	16 \$93	25 \$86	21 \$137	10 \$134	6 \$63	
Median			•••		\$101	4110	<b>4</b> 1-					
HEATING EQUIPMENT	516	468	48	-	1 399	172	213	157	152 628	259 176	446 89	32
Steam or hot water	11 501	10 996 67	479	26	4 916 120	2 221 16	1 055	715 23	22	19	35 21	-
Built-in electric units Floor, wall, or pipeless furnace	- 223	67 199 714	12 53	12 41	148 565	60 240	26 112	21 110	41	42	4	16
Other means None	808	5	-	-	4	-	-	-	4	-		
			70	14	1 054	297	152	115	183	224	83 11	-
Room unit(s) Central system	- 460	1 931 474	70 6 534	-	500 5 594	63 2 315	14 1 238	34 901	242 437	136 154	500	49
None	10 637	10 049	534	4ر	5 577							
AUTOMOBILES AVAILABLE		- 100	331	42	3 719	1 359	753	580	491	274 107	220 28	42
12		5 428 4 946 1 026	135 29	7 7	1 606 171	702 74	282 45	214 18	273 22	10/ 12 121	346	7
3 or moreNoneNone	1060	1 026	115	8	1 652	540	324	238	76	121		-
	L											

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

### METROPOLITAN HOUSING CHARACTERISTICS

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

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

		Two-or-more-person households							One-person I	nouseholds		
Warren			Male heod, wit	e present, no	nonrelatives		Other ma	le head	Female	head		···
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	13 126	224	1 587	2 229	4 573	1 483	218	138	717	366	668	923
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	13 013	224	1 582	2 229	4 548	1 464	218	138	706	358	651	895
0.50 or less 0.51 to 1.00 1.01 to 1.50	7 051 5 247 632	82 127 10	340 1 133 109	352 1 550 291	2 474 1 901 143	1 311 129 24	165 34 14	112 20 6	390 279 30	279 74 5	651 	895 -
1.51 or more Lacking some or all plumbing facilities 0.50 or less	83 113 84	5	5	36	30 25 16	19	5		7 11		17	28
0.51 to 1.00 1.01 to 1.50 1.51 or more	20 5	-	ŝ	-	5	19 - -		-	11	4	17	28 
UNITS IN STRUCTURE	4	-	-	-	4	~	-	-	-	-	-	-
l2 or more Mobile home or trailer	12 449 598 79	206 4 14	1 536 42 9	2 173 56 -	4 434 109 30	1 388 86 9	207 11 -	118 20 -	673 44	346 20 	576 81 11	792 125 6
INCOME IN 1969 Less than \$2,000	1 036	-	5	35	84	101	-	15	89	73	117	517
\$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999	551 558 402	16	10 9	5 9 9	21 51 25	236 182 184	-	11 6 14	52 80 64	31 24 20	23 80 64	162 104 9
\$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999	440 498 2 639	19 15 87	23 43 527	23 63 450	76 110	89 115	10 15	9 4	60 26	20 11	87 73	24 23
\$10,000 to \$14,999 \$15,000 to \$24,999	4 089 2 369	78 5	713 245	980 530	842 1 706 1 344	264 196 82	48 87 47	26 23 19	172 113 46	60 76 34	141 79 4	22 38 13
\$25,000 ar more Median	\$10 500	\$9 000	12 \$11 200	125 \$12 700	314 \$13 200	34 \$5 400	\$11 700	\$8 200	15 \$6 500	17 \$7 200	\$5 600	11 \$2000
VALUE-INCOME RATIO Specified owner occupied'	12 235 5 026	206 62	1 532 618	2 139	4 380	1 353	203	118	657	325	544	778
1.5 to 1.9 2.0 to 2.4	2 638 1 373	82 20	476 237	1 074 536 262	2 388 1 020 449	241 241 188	130 44 19	55 9 15	173 88 53	141 36 14	103 86 79	41 20 37
2.5 to 2.9 3.0 to 3.9 4.0 or more	680 806 1 577	15 23 4	112 65 19	110 104 41	185 147 171	83 211 374	5 - 5	5 19 15	100 79 150	12 30 92	32 46 165	21 82 541
Not computed	135	-	5	12	20	15	-	-	14	-	33	36
Renter accupied housing units	7 152	823	1 234	594	762	314	184	31	1 036	118	1 314	742
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	6 938 3 278	810 174	1 230 218	590 121	754 321	<b>302</b> 207	<b>184</b> 97	<b>25</b> 5	1 033 299	118 82	1 217 1 120	675 634
0.51 to 1.00 1.01 to 1.50 1.51 or more	3 170 376 114	628 	860 129	348 86	391 28	88	71 16	20	590 117	36	97	41
Locking some or all plumbing facilities	214 93	13	23 4 -	35 4	14 8 -	7 12		6	27 3 3	-	97 58	67 32
0.51 to 1.00 1.01 to 1.50 1.51 or more	102 6 13	-	4	4 	8	12	-	6	-	-	39	35
	2 709	216	661	311	375	161	60		50.4			103
2 to 4 5 to 19 20 or more	2 437 1 363 595	416 164 22	327 222	155 120	229 139	82 37	71 38	11 15 5	504 356 156	53 43 22	254 565 343	178 117
Mobile home or trailer	48	5	14 10	8 -	19 	34 -	10 5	-	<b>20</b> -	-	130 22	338
GROSS RENT Specified renter occupied ² Less than \$50	7 095 391	823 9	1 234	579	<b>757</b> 16	314 19	180	<b>31</b> 11	1 023 15	113	1 303 38	738 277
\$50 to \$59 \$60 to \$69 \$70 to \$79	275 551 772	29 28	18 16 88	5 15	14 14 40	9 51	5	5	56 89	15	82 198	81 113
\$80 to \$99 \$100 to \$119 \$120 to \$149	1 353	258 191	181 287	65 78 84	128	41 45 47	16 23 30	5	164 255 198	16 32 3	241 283 124	73 65 55
\$150 to \$199 \$200 to \$299	1 204 991 160	179 114	321 239 39	113 150 34	180 164 53	25 47	31 59 5	5	146 81 10	4 27	159 102 14	41 8 5
\$300 or more No cash rent	273	15	45	35	42	30	5	-	- 9	10	62	20
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied? Less than \$5,000 Less than 20 percent	7 095 2 431 186	823 101 9	1 234 70 9	579 38	757 106 8	314 159 27	180 33	31 26	1 023 617	113 72	1 303 528	738 681
20 to 24 percent	177 586 1 247	22 25	4	4 15	20	10 55	6	6 5 5	21 27 161	55	51 32 106	55 62 178
Not computed \$5,000 to \$9,999	235 2 684	45 459	41 	10 9 206	73 5 229	49 18 85	27 127	10 - 5	337 71 341	51 11 30	268 71 574	336 50 37
Less than 20 percent	1 709 562 270	317 72 43	364 156 50	130 48 17	163 32 15	52 22	70 30 22	5	179 87	21	385 102	28 4
35 percent or more Not computed \$10,000 to \$14,999	61 82 1 377	19 8 233	21 404	5 6 228	5 14	65	- 5		61 5 9	5	57 21 9	5 
20 to 24 percent	1 213 99	233 221 5	404 350 42	186 27	248 224 11	41 36 5	10 5		40 40 -	11	149 127 9	13 13 -
25 percent or more Not computed \$15,000 or more	5 60 603	7 30	12 169	15 107	13 174	- 29	5	-	- 25	-	13 52	-
Less than 20 percent 20 to 24 percent 25 percent or more	559 5 -	30	152	102	159	22	10	-	25 25		52 52 -	7
Not computed	39	-	12	5	15	7	-	-	-			-

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

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

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

minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

	[Data based on sor	mple, see text.	For minimum ba	se for derived fig	ures (percent, m	edian, etc.) and	meaning of symb		8 persons	
Varren	Total	l person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	or more	Median
Owner occupied housing units	13 126	1 591	4 006	2 393	2 132	1 601	750	409	244	2.9
EDROOMS one and 1	3 333 7 344	193 744 560 77	249 1 573 1 995 385	70 454 1 452 383	343 1 406 313	174 1 075 382	21 501 219	24 218 139	- 137 155	1.8 2.1 3.3 4.1
EAR STRUCTURE BUILT 769 to March 1970 766 to 1968	29 537 1 454 3 428 1 787	15 53 286 210		14 96 319 778 343 843	10 115 336 606 256 809	5 93 260 415 210 618	41 132 167 83 327	- 22 79 77 40 191	25 21 71 21 106	3.7 3.8 3.0 2.7 2.5
vi earlier NITS IN STRUCTURE	12 449 598	1 027 1 368 206 17	3 787 185 34	2 292 84 17	2 072 49 11	1 558 43 -	732 18 -	396 13 -	244	3.0 2.0
while home or troiler	- 11 034 - 1 748 - 173	1 377 96 50 74	3 449 457 25	1 969 410 11 4	1 762 330 30 14	293	648 84 23 8	342 44 14 7	199 34 - 6	2.5 3.3 3.5 1.7
tone or also used by another household <b>IOUSEHOLD COMPOSITION</b> we-er-more-person households Under 25 years 25 to 34 years 35 to 44 years 35 to 44 years 35 to 44 years 35 years and over Other male head Under 65 years 56 years ond aver Female head Under 65 years 56 years and over 58 years and over 59 years and over 50	- 11 535 - 10 096 - 224 - 1 587 - 2 229 - 4 573 - 1 483 - 356 - 138 - 1 083 - 717 - 366		4 006 3 284 62 131 159 1 759 1 173 189 127 62 533 284 249	188	120	1 509 39 332 576 531 31 7 7 7 7 7 7 7 6 6 6 1 10	713 6 176 368 163 10 10 - - 27 5	409 386 - 47 200 117 22 5 5 5 - 18 18 18 - 	244 220 5 14 89 106 6 4 4 - 20 20 - 	3.2 3.4 3.3 4.1 4.7 2.9 2.1 2.4 2.4 2.5 2.5 2.5 2.5 2.5 2.5 1.6
/ALUE-INCOME RATIO Specified owner occupied' 	<b>12 235</b> 5 026 2 638 1 373 680 806 1 577	1 32 14 10 11 5 12 70 6	4 1 235 6 794 6 464 3 244 8 355 6 60	1 08 60 24 8 9 1 12	1 02 43 25 12 10 7	5 783 3 380 9 156 8 84 3 75 1 44	7 365 3 187 3 110 3 32 3 22	249 61 15 35 18	240 134 66 5 17 13 - 5	3.6 3.5 3.2 3.0 3.0 2.3 1.6 1.5
Renter occupied housing units	7 152	2 05	6 185	1 17	94	8 45	8 . 380	149	124	2.3
BEDROOMS           None           2           3 or more	2 452 2 647	22 1 42 41 9	5 81 9 76	67	2 4 56	8 8			- - 118	1. 2. 4,
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or eactier	344 852 617 495 1 232	15	2 24 59 13 0 13 58 33	4 17 7 10 4 11 8 23	3 12 7 10 6 7 7 18	4 3 6 5 1 3 9 8	4 2 3 1 1 8		11 11 16 20	1. 2. 2. 2. 2. 2. 2.
UNITS IN STRUCTURE 1	2 709 1 411 1 026 863 500	35 38 29 20 20 20 20 20	56 46 37 29 58 22 02 18 58 10	9 27 1 15 9 14 7 8	6 13 4 1 5 5	i9 4	11 23 16 6 16 3 15 4 -	2 15 B 20	14	3 2 1 2 1 1
Mobile home or trailer COMPLETE BATHROOMS 1 and 1 1/2	6 583 253	3 1 7	63 1 79 70 3	3	0 8	37 4	38 29 18 4 - 1			2 3 1
None or also used by another household HOUSEHOLD COMPOSITION Two-er-more-person households Male head, write present, no nonrelatives Under 25 years 25 to 34 years 45 to 64 years 65 years and aver Other male head Under 65 years Femole head Under 65 years 55 years and over Es years and over For the period over The period over Boder 65 years 55 years and over 55 years and o	5 09, 3 72 822 1 23 76; 31 18 18 15 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 103 	6	184 122 33 22 33 22 11 11 12 12 12 13 14 14 15 122 122 122 122 122 122 122 122 122 122 122 122 122 122 122 122 122 122 122 123 122 123 123 123 123 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 124 	73         8           52         2           52         2           73         8           54         2           73         8           55         1           55         1           55         1           55         1           55         1           55         1           55         1           55         1           55         20           55         5           56         2           58         2           593         3	7         7           78         1           71         3           70         1           47         1           47         1           47         1           55         1           54         1           16         1	46         3           41         33           55         99           18         26           15         15           16         15           17         16           67         1           9         1	88 12 90 8 52 7 7 - - 07 07 07	6 9 44 99 22 - 16 16 88	p         96         96           4         -         -           6         344         -           1         322         -           -         7         -         -           4         6         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -	
One-person households	XME         7 09            62            1 66            1 37            84            84            1 30	5 2 0 5 1 77 3 13 2 13 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3	1         1         8           134         2         2           148         4         4           126         3         3           209         2         3           146         2         2           146         2         3	50 1 1 11 1 23 3 76 3 07 1 02	03 50 07	72	33  23   1  92	38 04 64 53	15         119           15         15           45         24           44         21           5         16           16         11           11         26           9         -	

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

	(2010 00300 0	n sumple, see	Text. For mini	mum base for	derived figures (percent, medion, etc.) and meaning	of symbols, see	text]		
Warren	Total	Less than 2 months	2 up to 6 months	6 months or more	Warren	Total	Less than 2 months		6 months or more
Vacant for sale	66	17	15	34	Vacant for rent		256	28	52
ROOMS	1				20010				
1 to 3 rooms 4 rooms 5 rooms	26	6	1ī	- 9	ROOMS	. 18	12	3	3
6 rooms	25	7	-	7 18	2 rooms3 rooms	- 36	17	- 1	19
7 rooms or more	4	- [	4	18	4 rooms	119	60 98		12
PLUMBING FACILITIES				_	5 rooms6 rooms7 rooms or more	64 20	56 13	4 7	4
With all plumbing facilities Lacking some or all plumbing facilities	61 5	17	15	29 5	PLUMBING FACILITIES		-	_	-
BEDROOMS				2					
None and 1	20 56	-	20	20 36	With all plumbing facilities Lacking some or all plumbing facilities	315 21	241 15	25 3	49 3
34 or more	27	27	-	-	BEDROOMS				
YEAR STRUCTURE BUILT 1969 to March 1970	-	-	-	-	None ] 2	178	20 112 126	-	20 36
1960 to 1968	14	- 1	7	-	3 or more	27	27	-	-1
1950 to 1959	14	3	5	3					
1949 ar earlier	38	8	4	26	YEAR STRUCTURE BUILT				
					1969 to March 1970 1960 to 1968	40 104	36 95	4	5
2 or more	59	17	15	27	1950 to 1959 1949 or earlier	4	4	-	-
HEATING EQUIPMENT	()	-	-	7	UNITS IN STRUCTURE	188	121	20	47
Steam or hot water	7	_	_	7	,				
Warm-air furnace Built-in electric units	55	13	15	27	1 2 to 4	34 117	24 79	10	31
hoor, woll, or pipeless furnace	_	-	-	-	5 to 9	125	107	ní l	7
Uther means	4	4	=	-	10 to 19	45	36	-	9
None	-	-	-	-	20 or more	15	10	-	5
SALES PRICE ASKED					RENT ASKED				
Specified vocant for sale ¹	59	17	15	27	Specified vocant for rent?	336	256	28	52
\$5.000 to \$9.999 . f	13	-	-	-	Less than \$50	40	30	28	52
\$10,000 to \$14,999	35	10	1	13 14	\$50 to \$59	22	14	- I	8
313.000 to \$19.999	8	.0	4	-	\$60 to \$79 \$80 to \$99	61 52	33 37	3	25
\$20,000 to \$24,999 \$25,000 to \$34,999	3	-	-	-	\$100 to \$119	10	10	<u>''</u>	4
333,000 10 549,999	3	3	-	-1	\$120 to \$149	74	63	3	8
\$50,000 or more	-1	-	=	-	\$150 to \$199 \$200 or more	77	69	8	-
Median price osked		•••	]		Median rent asked	\$97	\$122		-
Limited as any family 1 and a set				J				• • •	

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

Limited to one-family homes on less than 10 acres and no business on property. 7Excludes one-family homes on 10 acres or more.

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

10	Data based or	n sample, see	text. For m	eaning of sym	bols, see tex	t)			•					
Warren			Soles price o	sked – Vocan	t for sale				Ren	t asked	Vacant fo	r rent²		<u></u>
~	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 10 \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	59	13	35	8		3		336	62	61	52	84	77	
PLUMBING FACILITIES						-				01	32		"	-
With all plumbing facilities Locking some or all plumbing facilities	67 16	16	67 -	-	-	Ξ	-	317 40	46 20	36	89 20	88	58	-
BEDROOMS											~~		_	_
None and 1 2 3 4 or more	20 36 27	16	20 20 27	-		-	- - -	152 178 27	46 20 -	20 16	46 36 27	40 48	58	-
YEAR STRUCTURE BUILT						-	-	-	-	-	-	-	-	-
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	14 14 31	- - 5 8	14 6 15			- 3		40 104 4 188	10 4  48		- 5 47	4 50 4	26 45 -	-
UNITS IN STRUCTURE				-		_	-	100	48	01	47	26	6	-
1 2 to 4 5 to 19 20 or more	· · · · · · ·	· · · · · · ·	•••	· · · · · · ·	••••	···· ··· ···	 	34 117 170 15	7 26 25	7 35 14 5	8 31 13	12 25 47	- - 71 6	-
INCLUSION OF UTILITIES IN RENT						•••		15	4	2	-	-	6	-
All utilities included Some or no utilities included		 	···	····		 		107 229	22 40	42 19	22 30	21 63	17	

Limited 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-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]

ננ	ata based on	sample, see te	xt. For minir	num base for d	erived figure	s (percent, me	dian, etc.) and	meaning of sy				
Youngstown	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	Medion (dollors)
Specified owner occupied	27 463	1 377	2 971	4 328	4 731	4 275	5 762	2 299	1 253	384	83	12 700
ROOMS           1 and 2 rooms           3 rooms           4 rooms           5 rooms           7 rooms           7 rooms           8 rooms           8 rooms or mare           Median	63 280 2 607 8 015 10 651 3 260 2 587 5.8	6 88 315 410 374 109 75 5.2	19 55 387 994 1 054 301 161 5.5	11 89 426 1 169 1 821 503 309 5.8	11 16 394 1 121 2 170 558 461 5.9	11 371 1 149 1 877 475 392 5.8	11 581 2 242 1 886 601 441 5.5	5 4 98 687 959 320 226 5.9	5 26 224 454 276 268 6.3	12 4 13 43 117 195 7.5	- 5 6 13 - 59 	7 400 11 100 13 200 12 400 13 300 14 300 
PERSONS           1 persons           2 persons           3 persons           4 persons           5 persons	3 620 7 907 5 079 4 251 3 154 3 452 2.9 830	408 420 187 145 65 152 2.2 87	618 955 472 301 264 361 2.4 155	726 1 374 749 511 497 471 2.6 195	730 1 368 904 715 470 544 2.8 131	385 1 274 878 758 482 498 3.0 76	505 1 519 1 102 1 023 773 840 3.3 115	119 552 478 504 371 275 3.5 34	82 294 225 240 189 223 3.6 31	25 140 71 37 43 68 2.9 6	22 11 13 17 	10 200 12 200 13 100 14 000 13 500  9 700
PLUMBING FACILITIES BY PERSONS PER ROOM         With all plumbing facilities         0.50 or less         0.51 to 1.00         1.01 to 1.50         Lacking same or all plumbing facilities         0.51 to 1.00         1.51 to 1.00         1.51 to 1.00         1.61 to 1.50         1.61 to 1.50         1.61 to 1.50	27 165 14 713 10 716 1 516 220 298 180 83 35	1 281 799 392 56 34 <b>96</b> 72 20 4 -	2 938 1 778 894 210 56 33 24 5 4	4 285 2 542 1 495 210 38 43 26 12 5 -	4 690 2 737 1 722 202 29 41 30 3 8 -	4 254 2 233 1 788 223 10 21 9 12 - -	5 731 2 651 2 637 411 32 31 5 19 7 -	2 283 1 042 1 104 126 11 16 4 12 - -	1 241 626 537 73 5 12 5 - 7 7 -	379 250 124 - 5 5 5 - -	83 55 23 5 - - - - - - - - -	12 700 12 000 13 700 13 400 8 800 8 700 6 900  -
BEDROOMS           None and 1           2           3           4 or more	757 6 917 15 237 4 428	255 609 317 75	51 1 083 1 123 392	172 1 355 1 983 545	99 1 056 3 293 625	60 994 2 783 801	62 1 469 3 168 1 094	22 215 1 478 503	118 921 232	36 131 115	- 18 40 46	8 600 11 000 13 300 14 300
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1950 to 1959 1940 to 1949 1939 or earlier	32 285 1 058 6 168 2 947 16 973	- - 36 72 1 269	23 102 150 2 696	- 40 247 360 3 681	- 76 483 600 3 572	 10 183 791 551 2 740	4 77 362 2 423 849 2 047	11 69 146 1 295 230 548	8 97 169 609 101 269	9 28 45 146 30 126	- 4 14 36 4 25	24 000 18 100 17 800 13 800 10 600
COMPLETE BATHROOMS ) and 1 1/2 2 and 2 1/2 3 or more None or also used by another household	23 808 2 868 307 533	1 162 48 14 171	2 793 167 110	3 958 241 32 98	4 243 335 7 73	3 715 387 24 36	5 087 660 27 19	1 902 408 34 9	766 429 54 17	148 177 89 -	34 16 26 -	12 400 16 800 27 900 7 200
HOUSEHOLD COMPOSITION Tws-er-mere-person households Mole head, wife present, no nonrelatives 25 to 34 years 35 to 44 years 35 to 44 years 45 to 64 years 65 years and over Under 65 years 65 years and over 56 years and over 0 ther mole head Under 65 years 65 years and over 0 the-person households Under 65 years 65 years and over 0 the-person households Under 65 years 0 to y	9 472 3 471 1 184 800 384 3 044 1 961 1 083 <b>3 620</b> 1 543	116 259 214 132 82 50 216 142 74 <b>408</b> 202	2 353 1 642 25 124 280 771 442 230 165 65 481 296 185 618 215 618 215 343	178 109 69 652 415 237 726 285	4 001 3 152 54 351 602 1 530 615 295 176 119 554 342 212 730 291 439	30 409 260 149 385 155		2 180 1 962 4 200 233 1 026 259 59 59 59 59 159 101 58 119 70 49	1 171 1 094 - 90 235 639 130 17 17 - 6 60 44 16 82 39 43	359 312 17 83 170 42 25 14 11 12 26 6 6 25 10 15	61 57 8 35 35 9 - 4 4 4 22 6 16	13         100           13         700           13         100           14         300           14         500           14         500           14         600           10         600           10         600           10         600           10         800           10         900           10         500           10         300           10         300
INCOME IN 1969 Less than \$2,000	2 744 1 526 1 305 1 030 1 158 1 277 6 705 7 500 3 433 7 85	177 130 64 67 100 5 306 0 160 160 3 74	547 294 217 154 174 215 700 444 190 24 24 24	363 290 185 238 218 218 218 218 218 218 218 218 218 21	545 305 232 218 270 224 1 143 1 253 466 72 \$8 500	117 226 117 162 216 158 158 1347 548 2 74	181 122 189 176 218 1 512 1 999 891 137	56 55 60 84 48 38 420 853 551 124 \$12 300	33 28 18 9 23 35 178 462 309 158 \$13 300	6 5 - 13 57 66 106 120 \$18 200	11 5 5 5 10 12 35	9 700 9 500 10 200 11 300 12 500 12 500 14 300 15 800 21 800 
YEAR MOVED INTO UNIT           1969 to March 1970	1 643 1 232 1 301 2 35 4 390 9 110	8 63 2 31 7 63 1 80 0 187 0 412	9: 7: 164 23: 344 894 1 26	5 163 0 203 7 410 0 701 6 1 096	204 165 171 43 700 1 320 1 655	5 249 1 206 1 316 5 812 5 1 128	299 298 583 978 2 308		77 112 65 111 246 551 104	26 41 35 25 70 185 32	- 6 10 35 19	13 200 12 600 13 300 14 300
HEATING EQUIPMENT Steam or hal water Warm-oir furnace Built-in electric units Floor, wall, or pipeless furnace Other means	- 1 15 - 23 85 - 110 - 39 - 1 92	1 1 083 0 18 2 24 6 230	5 2 49 1 7 31	9 3 835 5 3 4 92 0 263	3	2 3 838 3 26 8 30 3 27	3 5 096 3 13 6 39	2 013	165 1 047 14 27	137 227 6 14	15 59 	12 700 11 400 10 200
None AIR CONDITIONING Room unit(s) Central system None	3 84	6 69 4 15	19	2 387 8 28		1 5	7 9	2 74	269 119 878	109 78 227		20 100

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

## Table C-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]

		on sample, se	e text. For th	maniom base	for derived t	igures (perce	nt, median, e	rc.) and mean	ing of symbo	is, see text]			
Youngstown	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	to	\$120 to \$149	\$150 to \$199		or	No cash rent	Medior (dollars)
Specified renter occupied?	14 289	1 162	1 041	1 116	1 567	3 399	2 793	1 649	651	117	43	751	10
ROOMS													
room	792 555 2 401 3 344 3 769 2 248 729 451 4.5	343 148 381 219 22 24 11 14 2.7	118 115 302 290 199 13 4 3.5	48 56 415 232 231 104 19 11 3.7	48 52 380 470 402 156 56 3 4.1	70 87 424 928 1 169 602 84 35 4.7	103 54 260 556 958 588 215 59 4.9	5 5 150 355 400 404 183 147 5.3	5 19 37 95 176 150 82 87 5.5	5 4 17 45 19 5 22 5.2	10 5 -	29 14 43 182 157 183 70 73 5.2	53 61 72 87 96 105 114 134
PERSONS													
1 person	4 108 4 043 2 368 1 667 913 1 190 2.3 622	842 214 5 21 6 1.2 28	564 190 85 129 46 27 1.4 30	360 356 188 91 29 92 2.1 54	474 486 274 157 82 94 2.1 40	775 107 612 404 266 235 2.3 135	482 810 563 449 192 297 2.7 150	210 495 313 204 129 298 2.9 75	93 151 137 107 75 88 3.1 91	22 24 	5	267 191 122 84 44 43 2.1	73 92 96 100 99 108 
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           Lacking some or all plumbing facilities           0.50 or less           0.51 to 1.00           1.51 or more	13 310 6 798 5 566 773 173 979 354 543 43 39	814 520 283 5 6 348 125 210 4 9	837 484 287 62 4 204 80 112 12 -	1 025 499 450 61 15 91 27 45 13 6	1 492 750 619 110 13 75 31 36 - 8	<b>3 328</b> 1 705 1 385 200 38 71 42 20 9 -	2 680 1 217 1 282 149 32 113 15 82 - 16	1 630 771 702 127 30 19 19 - -	651 295 312 28 16 - - - -	117 58 55 4 - - - - -	29 15 5 9 14 - 14 - 14 -	707 484 186 27 10 44 15 24 5 -	11 95 95 94 103 95 95 95 95 95 95 95 95 95 95 95 95 95
BEDROOMS												[	
None 1 2	1 007 3 996 5 330 4 051	479 707 203 71	147 427 243 42	82 452 324 136	20 595 722 351	110 901 1 384 856	83 414 1 398 767	22 304 520 893	67 197 352	- - 64 87	21 21	43 129 254 496	50 76 96 108
YEAR STRUCTURE BUILT			-					0,0	332	0,	-	476	
1969 to March 1970	134 429 568 1 098 1 505 10 555	25 50 30 110 947	26 29 92 71 823	10 64 76 77 889	24 60 135 131 1 217	- 85 147 240 373 2 554	15 122 80 149 355 2 072	69 56 88 192 218 1 026	40 39 20 97 97 358	27 5 10 5 70	5 10 18 - - 10	5 5 7 77 68 589	142 107 68 93 97 88
ELEVATOR IN STRUCTURE													
4 floors or more With elevator Walk-up t to 3 floors	800 713 87 13 584	217 197 20 1 243	103 79 24 756	20 20 974	20 20 1 668	193 173 20 3 058	103 80 23 2 559	- - 1 739	60 60 556	21 21 130	42 42 	21 21 901	83 85 91
COMPLETE BATHROOMS													
1 and 1 1/2 2 or more Nane or also used by another household	12 444 632 1 199	735 35 321	830 8 259	1 016 5 133	1 412 33 104	3 215 97 123	2 533 134 127	1 486 127 24	593 70 6	86 25 -	11 13 22	527 85 80	91 114 59
INCOME IN 1969			:										
Less than \$2,000	3 365 1 290 1 059 892 941 975 3 039 2 117 515 96 \$5 600	689 144 87 45 56 51 34 48 8 8 \$2000 -	444 149 110 69 55 52 113 39 4 6 \$2 500	329 120 98 53 102 85 196 100 33 - \$4 200	395 156 93 128 117 116 370 155 27 10 \$5 100	617 319 284 204 229 295 801 521 129 \$6 200	372 198 209 192 226 220 825 466 80 5 \$6 900	216 98 72 96 98 415 424 122 29 \$8 200	54 44 33 49 27 36 129 213 47 19 \$8 900	34 6 5 15 5 7 - 24 8 13 \$4 900	18 5 - 5 - 5 5 5 	197 51 68 53 28 15 151 127 52 9 \$5 200	73 84 85 91 91 93 98 166 108
YEAR MOVED INTO UNIT													
1969 to March 1970           1968           1967           1968 and 1966           1960 to 1964           1950 to 1959           1949 or earlier	4 711 2 175 1 309 2 063 1 950 1 296 771	282 153 115 152 179 97 113	293 138 101 179 159 106 121	280 181 132 185 152 160 64	387 249 112 326 209 191 75	1 171 538 314 497 571 233 111	1 055 538 291 336 340 182 52	736 209 136 213 191 112 40	338 101 53 62 64 20 31	63 14 12 16 - 6	15 13 13 - - 5 -	91 41 30 97 85 184 164	93 93 85 86 80 71
GROSS RENT AS PERCENTAGE OF									1				
Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent ar more Not computed	1 590 2 628 2 375 1 252 1 470 3 819 1 155	183 89 120 89 166 459 56	167 111 126 86 135 358 58	279 178 108 68 126 322 35	240 397 207 110 117 450 46	455 822 565 276 306 904 71	121 613 667 304 360 650 78	103 338 414 197 172 374 51	33 71 155 111 80 196 5	9 4 8 11 8 77 -	- 5 - 29 4	  751	77 91 102 100 89 87 87
AIR CONDITIONING Room unit(s) Centrol system None	1 489 157 12 629	53 15 1 023	29 10 1 058	52 1 102	81 20 1 448	317 3 118	283 31 2 480	355 25 1 257	137 25 507	64	7 6 33	111 25 556	111 114 88
Excludes one-formity homes on 10 occas	_ا					······		1 2.57		4/	33	330	~~~~

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

## Table C-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, medion, etc.) and meaning of symbols, see text]

[Data based on sample, see text. For minimum base for derived figures (percent, medion, etc.) and meaning of symbols, see text]													
Youngstown	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)	
Owner occupied housing units	30 150	3 103	1 779	1 541	1 210	1 321	1 424	7 187	8 035	3 712	838	9 000	
ROOMS         1 ond 2 rooms           3 roams	138 475 3 119 8 957 11 181 6 280	24 131 521 865 1 065 497	13 86 301 548 595 236	26 40 254 490 467 264	10 33 135 309 494 229	11 34 169 379 473 255	5 25 184 451 457 302	30 72 768 2 345 2 750 1 222	12 30 634 2 416 3 194 1 749	7 24 144 996 1 429 1 112	- 9 158 257 414	4 600 3 500 7 000 8 800 9 200 10 400	
PERSONS 1 persons 2 persons 3 and 4 persons 5 persons 6 persons or more Units with roomers, boarders, or lodgers	4 370 8 784 10 033 3 320 3 643 934	1 938 769 285 57 54 194	621 854 204 80 20 157	452 708 244 59 78 63	237 672 220 36 45 31	240 539 376 72 94 38	222 530 422 113 137 76	451 2 123 2 827 830 956 173	139 1 797 3 519 1 266 1 314 155	60 588 1 641 664 759 41	10 204 295 143 186 6	2 400 7 500 10 600 11 600 11 700 5 600	
BEDROOMS Less than 3 3 4 or more	9 540 15 928 4 690	1 587 1 399 242	985 493 164	708 587 140	530 774 184	560 505 221	463 945 144	2 421 4 342 1 025	1 580 4 325 1 254	564 2 157 1 034	142 401 282	6 900 9 300 10 900	
YEAR STRUCTURE BUILT 1949 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	32 1 389 6 359 22 370	55 310 2 738	6 18 175 1 580	58 185 1 298	- 34 142 1 034	31 221 1 069	80 210 1 134	12 393 1597 5185	10 523 2 226 5 276	155 1 060 2 497	4 42 233 559	10 200 10 800 8 300	
YEAR MOVED INTO UNIT           1969         1968           1960 to 1967         1957 or earlier	] 874 ] 355 8 628 ]8 286	36 82 594 2 361	67 42 386 1 337	93 37 407 1 068	65 3 202 848	92 90 322 815	93 76 340 847	719 426 2 478 3 368	535 411 2 810 4 533	160 148 910 2 493	14 40 179 616	9 000 9 400 9 500 8 700	
SELECTED CHARACTERISTICS Automatic clathes washing machine Clathes dryer Distwasher Home food freezer Gwned second home With air conditioning Room unit(s) Central system Automobiles avoilable:	20 103 17 061 3 599 7 682 635 4 769 4 193 576 14 112	1 294 665 99 516 58 220 209 11 993 42	981 634 87 341 55 116 99 17 900 112	620 421 62 301 165 125 40 900 118	865 478 74 354 - 96 76 20 670 154	736 618 144 323 20 157 152 5 888 211	981 807 61 396 187 153 34 962 211	5 349 4 461 604 1 862 139 1 057 940 117 4 287 2 059	5 268 5 306 1 057 2 182 198 1 669 1 479 190 3 382 4 070	3 284 2 948 967 1 058 108 787 730 57 938 1 955	725 723 444 349 57 315 230 85 192 428	9 600 10 400 13 200 9 600 11 100 11 200 11 200 11 200 8 200 12 100	
23 or more	9 481 1 973	163 9	27	1 070	23	19 948	18	259 3 073	642 2 131	754 520	222 96	14 900 5 500	
Renter         occupied         housing         units         units <thuits< th="">         units         units</thuits<>	14 482 792 561 2 427 3 398 3 821 3 483	<b>3 427</b> 409 176 783 830 715 514	1 323 135 31 185 355 317 300	43 70 217 253 272 215	34 37 215 233 181 202	31 47 166 198 258 248	27 40 169 213 321 222	66 107 399 736 964 801	42 30 247 470 601 741	13 35 106 167 199	5 10 11 4 25 41	2000 - 4 100 5 100 6 500 7 200	
PERSONS 1 persons 2 persons 3 end 4 persons 5 persons 6 persons or more Units with roomers, boorders, or lodgers	4 153 4 077 4 098 929 1 225 631	1 867 734 586 109 131 271	396 372 307 107 141 110	345 372 238 58 57 62	264 306 202 47 83 42	249 261 272 72 94 44	298 229 319 62 84 25	472 849 1 175 258 319 53	200 776 764 144 247 19	44 155 194 72 55 5	18 23 41 14 -	2 500 6 000 7 300 7 100 7 200 2 400	
BEDROOMS None 1 2 3 or more	1 007 3 996 5 387 4 085	522 1 167 1 082 479	79 342 519 387	60 363 342 298	24 374 276 229	51 220 363 320	40 387 451 320	145 650 1 315 946	86 430 754 795	63 264 203	- 21 108	2000 4 300 6 200 7 000	
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	134 1 000 1 137 12 211	5 330 222 2 870	5 162 88 1 068	5 35 79 951	26 27 104 745	89 69 790	5 48 97 842	43 161 232 2 637	39 110 175 1 807	6 29 53 432	- 9 18 69	8 500 3 200 6 100 5 600	
YEAR MOVED INTO UNIT 1969 to March 1970 1968 to 1967 1959 or eorlier	4 786 2 211 5 390 2 107	1 094 483 1 301 641	486 282 421 122	409 169 337 152	323 136 334 104	366 113 331 153	359 131 338 98	1 026 528 1 178 353	575 310 912 314	115 59 197 144	33 41 26	5 200 5 300 5 900 5 200	
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied' Less than 15 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more	3 819	3 365 - 4 31 167 2 562 601	1 290 5 54 100 285 795 51	1 059 30 123 139 388 311 68	<b>892</b> 49 163 226 293 108 53	941 154 281 238 219 21 21 28	975 284 346 251 67 12 15	3 039 1 502 1 102 236 43 5 151	2 117 1 657 289 31 8 5 127	515 450 13 - - 52	<b>96</b> 87 - - - 9	<b>5 600</b> 10 300 7 600 5 500 3 700 2000 2000	
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Home food freezer Owned second home With air conditioning Room unit(s) Central system	4 298 447 1 201 305, 1 659 1 502	828 583 41 236 86 190 151 39	278 122 - - 63 - - 62 96 67 29	381 231 24 62 22 28 28 28	324 200 22 35 22 128 106 22	312 186 20 74 20 124 116 8	509 426 21 75 	1 605 1 264 90 324 	1 065 963 109 245 45 391 373 18	264 239 81 66 – 161 149 12	78 84 39 21 48 34 34 34	7 400 8 000 10 300 7 500 8 100 8 400 4 500	
Automobiles ovailable: 1		762 154 52	515 46 27	559 74 21	514 36 38	573 122 8	564 143 10	2 092 651 45	1 084 747 37	174 259 63	54 37 9	6 900 9 600 6 900	

Excludes one-family homes on 10 acres or more.

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

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

Youngstown				oll plumbing fac			etc.) and meani		me or all plumbir	g focilities	
	Total	Tatai	0.50 or iess	0.51 to 1.00	1.01 to 1.50	1.51 or more		0.50 or	to	1.01 to	1.51 or
Owner occupied housing units	30 150	29 747	16 399				1	less	1.00	1.50	more
PERSONS			10 377	11 494	1 598	256	403	254	107	42	-
1 person2 persons	4 370 8 784	4 272 8 646	4 245	27	-	~	98	98			
4 persons	5 475	5 409	8 454 3 208	182 2 184	11	10 6	138	124	14	-	-
5 persons6 persons or more6	4 558 3 320	4 539 3 293	377 115	4 136 3 051	14	12	66 19	25	34 19	7	-
meulan	3 643 2.9	3 588 2.9	2.0	1 914	88 1 485	39 189	27 55	7	11 29	9 26	-
Units with roomers, boarders, or lodgers	934	898	2.0 473	4.3 351	6.8	7.5+	2.3	1.7	3.8		-
YEAR STRUCTURE BUILT				331	63	11	36	20	9	7	-
1969 to March 1970	41	41	15	26							
1960 to 1964 1950 to 1959	292 1 131	292 1 131	129 495	149 530	14	-	-	-		-	-
1940 10 1949	6 432 3 010	6 376 2 947	2 429	3 363	92 533	14 51	- 56	27	29	-	-
1939 or earlier	19 237	18 987	1 556 11 799	1 199 6 191	170 823	22 174	63 250	40 193	17	6	-
INCOME IN 1969 Less than \$2,000 \$2 000 to \$2 000							2.50	193	26	31	-
	3 103	3 016	2 696	286	27	7	87	72	15	-	1
\$4,000 to \$4,999	1 541	1 513	1 511 1 221	200 257	23 24	11	34	24	5	5	-
\$6,000 to \$6 999	1 321	1 193 1 292	954 869	219 386	10	10	28 17	25 17	3	-	-
	1 424	1 393	836 3 455	479	32 62	5	29 31	24 14	5 5	12	-
\$15,000 to \$24,999	8 035 3 712	7 993	3 168	3 039 4 175	526 582	70 68	97 42	51	35 13	11	-
\$25,000 or more Median	838	3 68) 831	1 320 369	2 050 403	264 48	47	31	5	26	7	-
VALUE-INCOME RATIO	\$9 000	\$9 000	\$7 100	\$11 100	\$10 800	11 \$9 900	56 200	\$4 400	\$8 800	7	_
Specified owner occupied)	27 463										-
1.5 to 1.9	13 194	27 165 13 076	14 713 5 592	10 716 6 368	1 516 945	220 171	298	180	83	35	_
	4 606 2 748	4 556 2 732	2 211 1 428	2 061	263	21	118 50	69 23	34 19	15 8	-
2.5 to 2.9 3.0 to 3.9	1 495	1 451 1 436	952	430	166 59	10	16 44	9 19	7	7	-
4.0 or more Not computed	3 670	3 632	1 103 3 177	293 401	35 44	5	20	10	5	5	-
HEATING EQUIPMENT	294	282	250	25	4	3	38 12	38 12	-	-	-
Steam or hot water	1 432	1 007									_
Built in electric units	25 999	1 397 25 724	873 14 161	474 9 969	35 1389	15	35	19	9	7	
	122 441	119 431	55 246	59	5	205	275 3	182	67 3	26	-
Other means	2 125 31	2 045	1 047	146 832	31 138	8 28	10 80	5 48	5 23		-
		31	17	14	-	-	-	-		-	-
Renter occupied housing units	14 482	13 503	6 881			1					
PERSONS			0 001	5 651	798	173	979	354	543	43	39
2 persons	4 153	3 416	3 173	243							
s persons	4 077 2 395	3 943 2 343	3 032 580	885 1 758	-	26	737 134	258 81	479 20	-	33
4 persons	1 703	1 686 929	72	1 539	5 70	5	52 17	15	23 11	14 6	-
S persons or more	1 225	1 186	24	738 488	150 573	17 125	39	_		-	6
inits with roomers, boarders, or lodgers	2.3 631	2.3 595	1.6	3.5	6.4	6.9	1.2	1.2	10 1.1	23	6
FAR STRUCTURE BOUT	031	242	261	281	33	20	36	10	5	5	16
Yay ta March 1970	129	122	87	20							ſ
960 to 1964	420 629	290	166	29 124	6 	_	7 130	-	7	-	
1940 to 1949	1 016	607 1 001	197 404	359 488	38 99	13 10	22	-	22	-	19
939 or earlier	1 591	1 536 9 996	697 5 239	717	100	22	15 55	6 28	9 18	9	_
NCOME IN 1969		-	/	- 050	582	117	713	324	342	30	17
ess than \$2,000 2,000 to \$2,999	3 427	2 943	1 930	926	70	17					
4.000 to \$4.999	1 323 1 070	1 197	562 597	540 332	81	14	484 126	179 25	266 86	11 9	28 6
	902 948	861 894	446	337	65 72	8	68 41	40 18	23 19	4	5
7,000 to \$9,999	992 3 073	955	437 508	377 375	68 54	12 18	54 37	30	16	8	-1
15,000 to \$24,999	2 131	2 968 2 071	1 196 944	1 512 968	220 114	40	105	17 40	20 59	õ	-
25,000 or more	520 96	516 96	220 41	245 39	38	45 13	60 4	5	50 4	5	-
	\$5 500	\$5 800	\$4 800	39 \$6 800	16 \$6 800	\$7 900	\$2 000	\$2 000	\$2 100	-	-1
ROSS RENT AS PERCENTAGE OF INCOME Specified runter occupied	, ·							** ***	44 (UU		•••
0 to 14 percent	14 289 1 590	13 310 1 444	6 798 605	5 566 717	773	173	979	354	543	43	39
	2 628 2 375	2 549 2 286	1 145	1 193	91 172	31 39	146 79	46 26	94 40	6	-1
to 34 percent	1 252	1 216	992 634	1 106 486	156 90	32	89	35	50	8 4	5
5 percent or more	1 470 3 819	1 384 3 390	703 2 023	554 1 217	99 123	28	36 86	17 35	19 39	6	5
	1 155	1 041	696	293	42	27 10	429 114	170 25	229 72	9 10	21
EATING EQUIPMENT	2 875	D 415							12	ių .	1
	9 510	2 412 9 109	1 314 4 584	990 3 876	86 521	22	463	68	372	10	13
Uilt-in electric unite											
uilt-in electric units	272 401	265	118	124	18	128 5	401 7	213	143 4	27	18
Uilt-in electric unite	272							213 15 58	143 4 		

Limited to one-family homes on less than 10 ocres 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}

	(Data based on s	ample, see text.	For minimum bo	ise for derived fig	gures (percent, n	nedian, etc.) and	meaning of sym	bols, see text}	<b>T</b>	
Youngstown	Tota!	l room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Medion
Owner occupied housing units Units with 1 or more bathrooms and	30 150	43	95	475	3 119	8 957	11 181	3 406	2 874	5.7
complete kitchen facilities for exclusive use, and direct access	29 398	52	44	366	2 889	8 742	11 206	3 282	2 817	5.7
PERSONS 1 person	4 370	27	46 10	215	824	1 274	1 348 3 107	358 786	278 569	5.3 5.5
2 persons 3 persons	8 784 5 475	10 6	18	186 24	1 220 527	2 896 1 667	2 217	522	494	5.7 5.7 5.9
4 persons5 persons	4 558	-	12 9	14 30	353 97	1 460 925	1 772	570 454	377 381	5.7 5.9
ó persons or more Median	3 643			6 1.6	98 2.1	735 2.7	1 313 3.0	716 3.6	775 3.8	6.2 
PLUMBING FACILITIES BY PERSONS PER ROOM								3 373	2 824	5.7
With all plumbing facilities 0.50 or less	29 747 16 399	43	<b>60</b> 18	452 206	3 034 1 968	8 844 4 110	11 117 6 635	1 654	1 808	5.8
0.51 to 1.00	11 494	27	10 11	196 14	880 144	4 010 638	3 864 587	1 554 141	953 63	5.7 5.5
1.0) to 1.50	256	16	21 35	36 23	42 85	86 113	31 64	24 33	50	4.7 5.0
Locking some or all plumbing facilities	. 254	-	28	9	76	60 42	37	12 14	32 18	4.7 5.4
0.53 to 1.00 1.01 to 1.50		=	- 7	14 -	9	11	8	.17 7	- 1	
1.51 or more	-	-	-	-	-	-	-	-	~	-
BEDROOMS None and 3	1 215	17	88	508	408	81	58	55		3.5
2	8 325	-	-	94	2 653 159	4 798 4 120	608 9 132	154 1 955	18 562	4.8 5.9
34 or more		-	-	-		134	710	1 548	2 298	7.5
YEAR STRUCTURE BUILT						_		17		
1969 to Morch 1970 1960 to 1968	1 389	10		4	76	9 807	301	142	49	5.2 5.3
1950 to 1959 1949 or earlier	6 359	33	20 75	38 433	993 2 050	2 800 5 341	1 827 9 047	405 2 842	276 2 549	5.3 5.9
COMPLETE BATHROOMS										F
1 and 1 1/2	25 810	45 7	42 7	329 43	2 680 225	8 237 513	10 099 1 132	2 657 625	1 721 1 103	5.7 6.4
2 or more None or also used by another household	3 655 678	-	38	43 60	163	216	118	53	30	4.9
VALUE-INCOME RATIO										
Specified owner occupied'		25 6	38 17	280 121	2 607 1 084	8 015 3 650	10 651 5 317	3 260 1 590	2 587 1 409	5.8 5.8 5.7
Less than 1.5	4 606		5	37 33	447 390	1 468 1 330	1 695 1 653	511 530	443 302	5.7 5.7
2.0 to 2.9 3.0 or more	4 243 5 126	5 14	16	89	641 45	1 492	1 857 129	601 28	416 17	5.7 5.7
Not computed	. 294	-	-	_	40	<i>,</i> ,,		20		
Renter occupied housing units	14 482	792	561	2 427	3 398	3 821	2 294	734	455	4.5
Units with 1 or more bathrooms and complete kitchen facilities for exclusive		158	345	2 075	3 235	3 683	2 344	715	350	4.7
use, and direct access PERSONS	12 905	100	345	20/5	0 105					
1 person	4 153	722	454	1 286	781	538	259	80	33	3.2 4.4
2 persons	4 077	59	75 19	830 197	1 259 754	1 202 830	432 419	157 126	63 50 72 58	4.8
4 persons	1 703	5	4	76 13	354 150	684 322	400 316	112 66	72 58	5.1 5.4
5 persons6 persons or more6		6	9	25 1.4	100	245 2.7	468 3.6	193 3.5	179 4.7	6.0
	- 2.3	1.0								
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	13 503	280	417	2 286	3 324	3 772	2 270	714 348	440 237	<b>4.6</b> 4.5
0.50 or less	6 881	243	329	1 185 999	1 972 1 102	1 713 1 827	1 097 915	325	170	4.7
1.01 to 1.50	798	37	5	70 32	218 32	206 26	237 21	29 12	33	5.0 3.6 1.5
1.51 or more	. 979	512		141 101	74 68	49 27	24 13	20 15	15 5	1.5 3.0 1.1
0.50 or less	543	479	5	28	6	9 13	6 5	5	10	1.1
1.01 to 1.50 1.51 or more	- 43 - 39	33	14	0 6	-	-	-		-	•••
BEDROOMS										, ,
None	1 007	864	66 511	77 2 459	858	146		-	-	1.1 3.1
2	5 387	-		161	2 317 37	2 740 810	145 1 780	789	24 669	4.6 6.2
3 or more	4 085	-								
1969 to March 1970	. 134	5	10	34	60 170	11 148	4 63	5 11	5	3.8 3.5
1960 to 1968	. 1 000	240	17	217 151	270 394	148 386	131	44	5 440	4.5
1930 18 1939		538	488	2 025	2 674	3 276	2 096	674	440	4.0
COMPLETE BATHROOMS					3 190	3 594	2 218	615	255	4.6
1 and 1 1/22 or more	- 644	265 26	362 31	2 145 23	112	3 574 114 103	138	100	100 33	5.6 2.2
None or also used by another household		497	155	177	173	103	43	C2		
GROSS RENT AS PERCENTAGE OF INCOME		792	555	2 401	3 344	3 769	2 248	729	451	4.5
Specified reater occupied ² Less than 10 percent	1 590	120	112	277 404	348 643	406 797	220 470	83 121	24 68	4.3 4.7 4.7 4.7 4.2 4.3
10 to 14 percent	2 628	40 65	80	333	559	677 381	411 242	180	70 31	4.7 4.7
20 to 24 percent25 to 34 percent	1 252	49 88	72	242 303	234 369	327	207	54	50 114	4.2
25 to 34 percent 35 percent or more Not computed	3 819	324 106	149	723 119	928 263	954 227	481 217	146 85	94	4.3
NOT COMPUTES	-1 133	1 100	1			L	I			

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

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

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

		Owner or	cupied					Renter o	ccupied			
Youngstown	Total	l 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	Mobie home or trailer
All occupied housing units	30 150	28 022	2 123	s	14 482	5 749	3 318	2 056	1 159	1 207	988	5
ROOMS												•
l room	43 95 475 3 119 8 957 11 181 3 406 2 874 5.7	33 38 289 2 670 8 153 10 823 3 339 2 677 5.8	10 57 186 444 804 358 67 197 5.0		792 561 2 427 3 398 3 821 2 294 734 455 4.5	27 78 369 1 127 1 651 1 525 594 378 5.3	14 53 710 873 1 161 379 92 36 4.5	39 173 471 493 611 237 27 5 4.2	59 80 280 343 234 135 12 16 4,0	102 97 411 452 116 5 9 15 3.5	551 80 186 110 43 13 5 1.4	1 7 1 15 1 1 1
PLUMBING FACILITIES BY PERSONS PER ROOM										0.0	1.4	
With all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           Lacking some or all plumbing facilities           0.50 or less           0.51 to 1.00           1.51 or more           1.51 to 1.00           1.51 to 1.50	<b>29 747</b> 16 399 11 494 1 598 256 <b>403</b> 254 107 42	27 719 14 980 10 981 1 538 220 303 180 88 35	2 023 1 414 513 60 36 100 74 19 7	<b>S</b> 5 - - - - - -	13 503 6 881 5 651 798 173 979 354 543 43 39	5 660 2 574 2 513 485 88 89 49 25 15 -	3 200 1 779 1 282 100 39 118 90 23 5 -	1 901 1 084 722 23 155 126 5 13	1 038 520 435 77 6 121 66 51 4	1 119 612 457 42 8 88 16 68 - 4	580 312 237 22 9 408 7 371 6 24	5
BEDROOMS												
None	57 1 158 8 325 15 928 4 690	40 734 7 055 15 573 4 500	17 424 1 270 355 190	- - - -	1 007 3 996 5 387 3 071 1 014	18 728 2 320 2 141 885	66 957 1 412 364 97	92 831 795 330 18	56 511 346 179 14	167 720 389 35 -	608 249 125 22	-
YEAR STRUCTURE BUILT												
1969 to Morch 1970	32 289 1 100 6 359 3 148 19 222	32 285 1 084 6 277 3 023 17 321	4 16 82 125 1 896		134 429 571 1 137 1 532 10 679	19 30 115 576 741 4 268	5 6 153 352 2 781	4 28 122 167 160 1 575	12 110 103 83 851	22 16 157 128 173 711	84 337 46 10 18 493	
INCOME IN 1969												
Less than \$2.000 \$2.000 to \$2.999 \$4.000 to \$3.999 \$5.000 to \$4.999 \$5.000 to \$4.999 \$7.000 to \$6.999 \$7.000 to \$6.999 \$7.000 to \$9.999 \$15.000 to \$4.4999 \$15.000 to \$24.999 \$25.000 or more Median	3 103 1 779 1 541 1 210 1 321 1 424 7 187 8 035 3 712 838 \$9 000	2 794 1 575 1 334 1 070 1 173 1 300 6 820 7 642 3 506 808 \$9 100	304 207 140 148 124 367 393 206 30 \$6 500	5 - - - - - - - - - - - -	3 427 1 323 1 070 902 948 992 3 073 2 131 520 96	1 203 509 362 321 372 413 1 329 948 249 43	590 228 267 199 240 232 862 567 115 18	454 206 213 138 126 152 393 255 104 15	342 129 100 81 92 82 189 116 22 6	436 109 84 107 54 88 175 137 12 5	402 142 56 64 25 125 108 13 9	
YEAR MOVED INTO UNIT	<b>*</b> . 000	\$7.100	-90 JOU		\$5 500	\$6 300	\$6 600	\$5 100	\$4 100	\$3 700	\$2 600	
1969 to March 1970	1 874 1 355 1 386 2 511 4 731 8 661 9 625	1 688 1 273 1 328 2 396 4 466 8 192 8 717	186 82 58 110 265 469 908		4 786 2 211 1 345 2 084 1 961 1 221 886	1 662 843 612 781 843 535 432	1 160 502 256 496 411 319 235	716 283 174 350 295 143 74	391 180 116 174 209 58 48	431 164 90 208 162 87 55	426 239 97 75 41 72 42	- - - 7
GROSS RENT						401	200	74	40	55	42	~
Specified renter accupied:           Less than \$50           250 to \$19           560 to \$69           570 to \$79           580 to \$79           580 to \$19           510 to \$19           512 to \$149           512 to \$149           5200 to \$299           5300 ar more           No cosh rent           Median           HEATING EQUIPMENT	···· ··· ··· ··· ··· ···	···· ··· ··· ··· ··· ···	···· ··· ··· ··· ··· ··· ···		14 289 1 162 1 041 1 567 3 399 2 793 1 649 651 117 43 751 \$90	5 556 124 265 331 487 1 297 1 204 854 349 68 5 572 \$100	3 318 110 151 303 424 915 788 391 106 23 - 107 \$92	2 056 153 195 322 560 381 128 52 - - 26 \$84	1 159 198 145 150 105 286 139 76 39 - _ 21 \$77	1 207 363 156 50 213 99 101 30 - 15 \$72	988 214 129 38 49 128 182 99 75 26 38 10 \$90	5
Steam ar hat water Warm-air turnace	1 432 25 999	1 201	231	-	2 875	292	252	382	426	867	656	
Budt an electric units . Flaor. well, or pipeless furnace	122 441 2 125 31	24 279 110 418 1 983 31	1 720 12 23 137		9 510 272 401 1 390 34	4 436 94 216 687 24	2 675 4 56 321 10	1 367 14 61 232	616 9 21 87	243 42 21 34	173 109 26 24	5
									-	-	-	
Room Unit(s) Central system None AUTOMOBILES AVAILABLE	4 193 576 25 374	3 932 569 23 559	261 7 1 810	- 5	1 502 157 12 835	432 32 5 244	343 14 3 022	246 26 1 763	94 17 1 065	167 32 998	220 36 736	-
2	14 112	12 976	1 131		6 891	0 /07						ļ
3 or more. None	9 481 1 973 4 577	9 084 1 878 4 122	397 95 455		2 269 310 5 024	2 622 1 201 155 1 730	1 897 508 58 916	1 131 263 24 617	465 88 36 587	487 115 13 582	289 87 24 592	7

244-32 YOUNGSTOWN-WARREN, OHIO, SMSA

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

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

1	(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and medianing of symbols, see rext) Two-or-more-person households											nouseholds
	-		Male head, wif	e present, no i	nonrelatives		Other ma	le heod	Femole	heod	· · ·	
Youngstown	Totai	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	30 150	401	2 507	4 154	10 218	3 848	871	416	2 137	1 228	1 878	2 492
PLUMBING FACILITIES BY PERSONS PER ROOM					10.100	3 792	868	401	2 102	1 194	1 832	2 440
With all plumbing facilities	29 747 16 399	<b>39</b> 7 169	2 507 583	4 112 632	10 102 4 728	3 052	494	277	1 230	989	1 819	2 426
0.51 to 1.00	11 494 1 598	219 9	1 667 233	2 765 653	4 700 563	689 35	335 27	312 7	796 50	184 21	13	14 -
1.01 to 1.50 1.51 or more	256	-	24	62 42	111	16 56	12 3	5	26 35	34	46	52
Locking some or all plumbing facilities 0.50 or less	<b>403</b> 254	<b>4</b> 4	-	-	50	48	- 3	15	15 13	24 5	46	52
0.51 to 1.09	107 42	-	-	34 8	48 18	4	3 -	-	7	5	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE	28 022	380	2 407	4 004	9 700	3 509	821	405 11	1 988 149	1 100	1 599 274	2 109 383
2 or more Mobile home or trailer	2 123 5	21	100	150	518	339	50 -	-	-	-	5	-
INCOME IN 1969 Less than \$2,000	3 103	4	22	51	103	358	23	45	312	247	474	1 464
\$2,000 to \$2,999	1 779	17	10 53	31 47	107 126	618 460	20 8	68 27	194 243	110 108	208 224	413 228
\$3,000 to \$3,999 \$4,000 to \$4,999	1 210	9	50	29	152	441	26 44	34 43	171 150	61 83	143 139	94 101
\$5,000 to \$5,999 \$6,000 to \$6,999	1 321	16 33	76 107	127 185	239 403	303 208	35	14	152	65	168 374	54 77
\$7,000 to \$9,999	7 187	227 81	1 055 911	1 306 1 677	2 522 3 871	632 465	257 279	62 91	429 319	246 202	106	31
\$10,000 to \$14,999 \$15,000 to \$24,999	3 712	8	186	580	2 212	259 104	158 21	27	139 28	83 23	40	20 10
\$25,000 or more Median	838 \$9 000	ა გგანი	37 \$9 700	121 \$10 900	483 \$11 900	\$5 200	\$10 400	\$5 800	\$6 000	\$6 100	\$4 200	\$2000-
VALUE-INCOME RATIO				3 918	9 472	3 471	800	384	1 961	1 083	1 543	2 077
Specified ewner occupied' Less than 1.5		<b>371</b> 173	2 383 1 147	2 109	6 086	1 116	591	196	738	469 131	475 133	94 126
1.5 to 1.9	4 606	<b>97</b> 71	646 311	938 491	1 680 834	475 457	93 49	15 24	172	59	144	136
2.0 to 2.4 2.5 to 2.9	1 495	10	137	189 78	394 200	233 422	17 18	46 42	143 208	79 76	130 148	117 172
3.0 to 3.94.0 or more		6 14	86 45	103	274	754	29	51	371 57	260	416 97	1 353
Not computed		-	11	10	4	14	3	10	57	7	77	
Renter occupied housing units	14 482	1 299	1 995	1 115	1 597	815	655	118	2 408	327	2 687	1 466
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	13 503	1 262	1 984	1 109	1 567	789	610	118	2 336	312 207	2 096 1 993	1 320 1 180
0.50 or less	6 881	415 774	475 1 308	229 666	705 716	509 246	277 269	79 39	812 1 302	88	103	140
0.51 to 1.00		60	185	174	111 35	30 4	37 27	_	201 21	17	-	_
1.51 or more Locking some or all plumbing focilities		13 37	16 11	40 6	30	26	45	-	72 14	15 15	591 160	146 98
0.50 or less	354	18	- 5	6	20 10	17	30 10	_	11	-	431	48
0.51 to 1.00 1.01 to 1.50	. 43	14	ő	-	-	5	- 5	-	18 29	-	_	_
1.51 or more	. 39	5	-									
UNITS IN STRUCTURE	5 749	432 604	882 846	682 325	962 494	307 339	248 237	72 40	1 162 755	92 169	527 1 068	383 497
2 to 4 5 to 19	. 2366	207	241	103	m	133 31	143 27	6	450 41	60 6	573 519	339 247
20 or more Mobile home or trailer	. 988 . 5	56 -	26	5	30	5	-	-	-	-	-	-
GROSS, RENT								114	2 346	322	2 659	1 449
Specified rester occupied? Less than \$50	14 289	1 283	1969 9	1 093 11	1 584 20	815 53	655 34	9	120	35	482 375	360 189
\$50 to \$57	1 041	62 83	49 126	16 67	40 102	55 37	39 50	22 11	191 229	25 40	229	131
\$60 to \$69 \$70 to \$79	1 567	91	176	114	183	96 246	74 133	11 26	302 590	46 61	360 514	114 261
\$80 to \$99 \$100 to \$119	3 399	376 362	560 473	267 279	365 352	143	143	4	303 272	52 27	366 127	116
\$120 to \$149	1 649	212 38	325 141	207 82	264 97	55 34	77 70	10	76	10	49	44
\$150 to \$199 \$200 to \$299	. 117	5	28	9	10	4	10	-	29	_	13 14	5
\$300 or more No cosh rent	- 43	25	82	4)	141	87	16	32	34	26	130	137
GROSS RENT AS PERCENTAGE OF INCOME	E											
BY INCOME Specified renter occupied?	14 289	1 283	1 969	1 093	1 584	815	655	114	2 346 1 768	322 202	2 659	1 449
Less than \$5,000	6 606	328 24	252 20	140 23	277 23	436 30	285 16	68 11	64	13	152	52
Less than 20 percent	496	30	31	28	33 46	36 125	4	5	116 318	13 38	156 207	44 150
25 to 34 percent 35 percent or more	1 133	82 182	87 105	27 59	132	186	185	34	1 148	128 10	810 298	807 174
Not computed	773	10 737	9	3 548	43 573	59 256	31 262	14 30	122	86	838	158
\$5,000 to \$9,999 Less than 20 percent	3 669	570	778	400	450 79	135 80	178 32	24	288 71	65 10	686 77	95 38
20 to 24 percent25 to 34 percent	- 725	94 52	160 38	84 51	25	35	31	-	35	4	38	20 5
35 percent or more	38	6	12 67	13	19	6	5 16	6	13	7	32	53
Not computed \$10,000 to \$14,999	2 117	186	568	303	539 466	74 54	89 89	9	125	24 15	142	45
Less than 20 percent 20 to 24 percent	1 946	186	547 6	273 11	400	بەر 	-	-	-	-	5	4
25 percent or more	- 13	-	5 10	4 15	68	20	-	5		9	- 1	_
\$15,000 or more	- 611	32	94	102	195 175	49 43	19 19	7	41 41	10 10		11 6
Less than 20 percent	- 550	27	89	89	1/5	43		-	-	-	-	-
25 percent or more		- 5	- 5	13	20	6	-	7	1 -	-	-	5
Not computed	- 61	<u> </u>	J	2Eveludes one			<u>L </u>		L		<u> </u>	

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

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

	[Dota based on s	ample, see text.	For minimum bo:	se for derived fig	iures (percent, π	nedian, etc.) and m	eaning of symbo	ois, see text]		
Youngstown	Total	1 person.	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	30 150	4 370	8 784	5 475						
BEDROOMS				5 475	4 558	3 320	1 792	1 085	766	2.9
4		683 1 761	351 3 453	85 1 766	20	14	21	41	_	1.4
3 4 or more	15 928 4 690	1 353 357	4 048 870	3 200	914 3 019	241 2 342	105	85 564	279	2.2 3.3
YEAR STRUCTURE BUILT			870	666	664	653	412	653	415	4.2
1969 to March 1970	0001	8	6	8	13	5		_		
1960 to 1964 1950 to 1959	1 100 6 359	100	54 248	71 237	80 172	40 151	23 119	8 52	5	3.6
1940 to 1949 1939 or earlier	3 148 19 222	371 3 486	1 579 954	1 251 610	1 355 519	947 347	477 221	198 92	147	3.4 3.5 2.9
UNITS IN STRUCTURE		3 460	5 943	3 298	2 419	1 830	952	735	559	2.6
2 or more	28 022 2 123	3 708	8 035	5 166	4 349	3 225	1 735	1 059	745	
Mobile nome or trailer	5	5	749 -	309 -	209	95	57	26	21	2.9 2.0
COMPLETE BATHROOMS	25 810	3 937					_	-	-	
3 or more	3 257 398	269	7 735 680	4 771 468	3 796	2 763 477	1 432 317	794 186	582 195	2.8
None or also used by another household	678	62 178	116 242	44 99	42 36	55 47	39 47	21 24	19	3.8 3.0 2.2
HOUSEHOLD COMPOSITION Two-or-more-person households	25 780						"	24	3	22
Under 25 years	21 128	]	8 784 6 481	5 475 4 368	4 558 3 954	3 320 3 007	1 792 1 588	1 085 999	766	3.2
35 to 44 years	2 507 4 154		89 225	157 531	130 844	17 513	210	-	731 4 40	3.4 3.2
45 to 64 years	10 218 3 848		291 3 169	506 2 445	870 1 917	1 046	683 657	438	320	4.1 4.9 3.3
Under 65 vens	1 287		2 707 560	729 343	193 179	131	34 67	388 29 42	342 25	2.2
Female head	871 416 3 365		357 203	214 129	134	78 18	60 7	28	-	2.7 2.9
65 years and over	2 137		1 743 919	764 539	425 343	217 170	137	14 44 39	35	2.5 2.5 2.8
One-person novseholds	4 370	4 370	824	225	82	47	36	5	2ů 9	2.2
VALUE-INCOME RATIO Specified owner occupied'	27 463							•••		1.0
1.5 to 1.9	13 194	3 620	7 907 3 138	5 079 2 852	4 251 2 484	3 154 1 935	1 689	1 033	730	2.9
2.5 to 2.9	2 748	259 280	1 343 864	986 470	785 518	645 277	330 188	147	502 111	3.5 3.2
4.0 or more	1 456	247 320	559 692	235 193	186 87	128 88	78	105 32 23	46 30	30 2.4
Not computed	294	1 769 176	1 241 70	327 16	171 20	76 5	30	23 20 7	5 36	2.1 1.6 1.3
Renter occupied housing units	14 482	4 153	4 077	2 395						
BEDROOMS None				2 375	1 703	929	552	435	238	2.3
2	1 007 3 996	922 2 251	41 1 376	246	22	22	-	-	_	1.0
3 or more	5 387 4 085	837 375	2 008	1 217	23 819 765	27 372 595	27 89	46 45	-	1.4 2.4
YEAR STRUCTURE BUILT 1969 to March 1970					705	575	409	359	192	3.9
1960 to 1964	134 429	37 283	92 107	5 21	- 9	5	-	-	-	1.8
1940 to 1949	571 1 137	142 207	139 288	109 248	80 177	43	16	23	4	1.3 2.5
1939 or earlier	1 532 10 679	283 3 201	435 3 016	337	207 1 230	138 645	61	45	27 26	2.8 2.6
UNITS IN STRUCTURE	6 7 10					C++0	412	338	162	2.2
3 and 4	5 749 3 318	910 913	1 375	1 146 532	861 411	568 158	395	303	191	3.0
5 to 9 10 to 19	2 056	652 388	706 284	334 219	159 131	107	52 62 23	56 12	13 24	2.1
20 or more	1 207 988	524 766	356 173	153 11	123	28	12	51	4	2.2 1.7
COMPLETE BATHROOMS	2	-	-	-	5	-	8	8 -	-	
1 and 1 1/2	12 644 644	3 145	3 692	2 312	1 545	863	511	367	209	
None or also used by another household	1 206	152 794	148 226	91 76	124 44	36 18	21 11	53 25	19	2.4 2.7
HOUSEHOLD COMPOSITION Two-or-more-person households	10 329							25	12	1.3
Under 25 years	6 821 1 299		4 077 2 644	2 395 1 551	1 703 1 241	929 579	552 313	435 299	238 194	3.0
35 to 44 years	1 995	• • •	556 497	459 502	189 541	71 217	18	6 72	35	3.0
45 to 64 years	1 597		239 703	173 329	227 240	137 137	103 53	129 87	107	3.5 4.1 2.8
Under 65 years	773		649 389	88 193	44 89	17 50	8 32	5 20	40	2.1
Femole head	118		325	148 45	89	41	32	20	-	2.5 2.5
65 years and over	2 408 327		1 044	651 600	373 364	300 296	207 201	116	44 44	2.4 3.0 3.2
	4 153	4 153	250 	51	9	4	6	7	44	3.2 2.2 1.0
GROSS RENT AS PERCENTAGE OF INCOME Specified renter eccupied	14 289	4 108	4 043							1.0
10 to 14 percent	1 590 2 628	332 435	514	2 368 297	1 667 239	913 88	525 69	427 35	238 16	2.3 2.4
2D to 24 percent	2 375	462	674 366	537 442	363 334	222 194	51	83 106	87 39	2.6
35 percent or more	1 470 3 819	419	468 926	207 208	157 124	49 113	84 53	29	36 25	2.6 2.3 2.2
Nor compared	1 155	509	926 245	525 152	343 107	185	110 34	73 41	30 5	2.2 1.8 1.8
'Limited to one-family homes on less than 10 r	acres and no busin	ess on property.	*Excludes one	-family homes or	10 ocres or mo				1	1.0
244-34 YOUNGSTOWN-WARREN		C A				/				

6

## 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)

					berived agores (perces), medida, erc.) and medilarg of				
Youngstown	Total	Less than 2 months	2 up to 6 months	6 months or more	Youngstown	Total	Less than 2 months	2 up to 6 months	ó months or more
Vacant for sole	369	86	147	136	Vacant for rent	782	408	208	166
ROOMS					ROOMS				
i to 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms or more PLUMBING FACILITIES	3 66 72 156 72	19 15 35 17	3 29 32 60 23	- 18 25 61 32	1 room 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms	26 43 171 190 219 77	21 27 110 101 108 37	5 13 36 43 61 24	- 3 25 46 50 16
With all plumbing facilities Lacking some or all plumbing facilities	365 4	<b>8</b> 6 -	147 -	132 4	7 rooms or more	56	4	20	26
BEDROOMS	10		10		With all plumbing facilities Lacking some or all plumbing facilities	740 42	388 20	191 17	161 5
None and 1 2 3	13 200 125 17	36 - -	13 60 79 -	- 104 46 17	BEDROOMS	37	37	_	_
YEAR STRUCTURE BUILT					None 1 2	234 273	95 132	77	62 73
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or eorlier	16 20 333	- 5 81	- 17 130	11 3 122	3 or more YEAR STRUCTURE BUILT	261	87	100	74
UNITS IN STRUCTURE	335 34	77 9	140 7	118 18	1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	28 23 54 677	28 15 31 334	5 9 194	- 3 14 149
HEATING EQUIPMENT					UNITS IN STRUCTURE				
Steam or hot water Worm-oir furnace Built-in electric units Floor, woll, or pipeless furnace Other means None		86 - - -	132 - 4 11	126 - 10	1 2 to 4 5 to 9 10 to 19 20 or more	270 300 74 85 53	84 170 44 66 44	93 87 11 12 5	93 43 19 7 4
SALES PRICE ASKED					RENT ASKED				
Specified vacant for sole'           Less than \$5,000           \$\$,000 to \$9,999           \$\$10,000 to \$14,999           \$\$15,000 to \$19,999           \$\$25,000 to \$24,999           \$\$25,000 to \$34,999           \$\$35,000 to \$49,999           \$\$35,000 to \$49,999           \$\$49,000 or \$24,999           \$\$50,000 or \$49,999           \$\$50,000 or more           Median price asked	29 130 106 45 16 5 4	77 6 26 25 8 12 - -	140 8 64 11 4 - 4 59 900	118 15 40 32 26 - 5 - 5	Specified vacant for ren12           Less than \$50	780 144 144 249 132 43 42 22 4 \$68	408 65 74 98 77 36 42 12 4 \$73	206 48 28 92 29 3  6 566	166 31 42 59 26 4 - 4 - 4 563

Limited 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 or	ı sample, see	text. For me	aning of sym	bols, see text	]								
			Soles price a	sked — Vacan	t for sale				Ren	t asked — '	Vacant fo	r rent?		
Youngstown	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	\$1.50 10 \$199	\$200 or more
Total	335	159	106	45	16	5	4	780	288	249	132	85	22	4
PLUMBING FACILITIES														
With all plumbing facilities Lacking some or all plumbing facilities	304 16	210 16	45	49	-	-	-	773 32	327 18	249	144 14	34	19	-
BEDROOMS														
None and 1 2 3 4 or more	13 165 125 17	13 120 76 17	29 16 -	16 33	-		- - -	271 273 172 89	96 137 52 60	123 50 62 14	52 52 39 15	34	- 19 -	
YEAR STRUCTURE BUILT														
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or eorlier	5 20 310	- 12 147	- 3 103	- - 5 40	5	- - 5	- - 4	28 23 54 675	13 275	12 23 214	- 10 122	23 4 8 50	5 3 14	- 4 - -
UNITS IN STRUCTURE														
1 2 to 4 5 to 19 20 or more	···· ····	· · · · · · ·	···· ···	  	• • • • • • • • •	· · · · · · ·	  	268 300 159 53	126 94 61 7	90 100 54 5	33 63 24 12	15 38 14 18	4 5 6 7	- - 4
INCLUSION OF UTILITIES IN RENT														
All utilities included Some or no utilities included		••••	 			•••		259 521	103 185	53 196	49 83	40 45	14 8	Ā

Limited to one-family homes on less than 10 ocres and no business on property. *Excludes one-family homes on 10 ocres or more.

## Table C-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]

	(Dold based o	on sample, see	Text. For mir	imum base fo	r derived figu	res (percent, n	nedian, etc.) a	ind meaning o	f symbols, see	text]		
Youngstown	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	\$35,000 to \$49,999	\$50,000 or more	Medion (doilars)
Specified owner occupied	5 424	466	1 028	1 386	1 170	607	452	154	103	49	Ŷ	9 700
ROOMS         1 and 2 rooms         3 rooms	62 391 1 379 2 160 799 623		5 29 108 310 340 167 69 5.7	12 89 342 634 164 145 5.9	6 55 239 496 187 187 6.1	- 24 138 242 99 104 6.1	23 126 174 69 60 5.9	5 - 38 65 32 14 6.0	  11 30 44	- - 4 12 25 8		7 700 9 200 9 800 10 300 10 900
PERSONS 1 persons 2 persons 3 persons 4 persons 5 persons 6 persons or more Median Units with roomers, boarders, or lodgers	662 1 350 1 072 791 566 983 3.2 419	101 142 80 64 31 48 2.4 56	191 302 206 96 65 168 2.6 76	185 363 222 221 158 237 3.2 126	91 267 252 184 144 232 3.4 64	53 128 133 101 72 120 3.4 33	28 75 105 59 60 125 3.8 37	26 47 20 32 29 3.7 10	7 37 10 34 4 11 3.3 11	10 17 9 13 	6 - - - - - -	8 000 9 100 10 300 10 200 10 500 10 400  9 000
PLUMBING FACILITIES BY PERSONS PER ROOM           With all pumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           Lacking some or all plumbing facilities           0.51 to 1.00           1.51 or more           Lacking some or all plumbing facilities           0.51 to 1.00           1.01 to 1.50           1.01 to 1.50	5 276 2 687 2 168 353 68 148 97 27 27 24 -	<b>404</b> 225 171 8 - <b>62</b> 42 16 4 -	1 009 603 298 84 24 19 19 - -	1 359 696 555 94 14 27 16 6 5	1 142 552 497 79 14 28 20 - 8	<b>607</b> 275 284 43 5 - - -	447 188 217 36 6 5 - 5 -	154 62 82 5 5 - - - -	96 49 43 4 7 7 7 7	<b>49</b> 31 18 - - - - -	9 6 3 - - - - - -	9 809 9 400 10 300 9 700  6 600 
BEDROOMS None and 1 2 3 4 or more	178 1 269 2 844 1 006	65 182 140 36	14 382 416 158	38 306 646 195	39 222 808 285	- 78 344 163	61 293 130	22 20 100 20	- 18 38 19	- - 38 -	- - 21	8 100 10 700 11 000
YEAR STRUCTURE BUILT           1969 to March 1970           1965 to 1968           1960 to 1964           1950 to 1959           1940 to 1949           1939 or earlier	37 278 550 612 3 947	- - 26 44 396	- - 17 40 82 889	- 24 58 177 1 127	- 41 122 155 852		4 67 112 55 214	- 6 32 57 4 55	- 12 29 37 10 15	- 15 4 18 6 6		- 15 100 13 400 10 000 9 000
COMPLETE BATHROOMS 1 and 1 1/2	4 672 490 42 263	393 7 14 76	901 73 	1 275 78 15 59	951 124 61	533 87 -	371 47 -	133 28 7	89 19 -	26 22 6	5	9 500 11 500
HOUSEHOLD COMPOSITION Twe-or-more-person households Male head, wite present, no nonrelatives Under 25 yeors 25 to 34 yeors	4 762 3 643 93 519 968 1 495 568 1 495 568 285 199 86 834 640 194 662 367 295	365 205 5 41 83 76 40 21 19 120 99 91 21 101 66 35	837 554 14 57 109 243 131 77 55 22 206 145 61 191 98 93	1 201 890 40 127 220 337 136 47 32 15 264 191 73 185 80 105	1 079 866 16 113 258 346 133 85 69 16 128 97 31 91 64 27	554 492 23 107 132 183 47 5 5 57 57 57 57 57 53 35	424 375 	154 133 - 17 64 47 5 8 5 3 13 13 13 - -	9 96 87 -4 31 48 4 5 5 - 4 4 -7 -7	49 37 - 4 14 19 - 6 6 6 6 - -	3313111111	7 400 10 000 10 500 11 500 11 100 10 400 8 900 8 900 9 300 8 400 8 400 8 500 8 000 8 000 8 000 8 000 8 000
INCOME IN 1969           Less than \$2,000           \$2,000 to \$2,999           \$3,000 to \$3,999           \$4,000 to \$3,999           \$5,000 to \$5,999           \$5,000 to \$5,999           \$7,000 to \$4,999           \$10,000 to \$14,999           \$10,000 to \$14,999           \$15,000 to \$24,999           \$15,000 to \$24,999           \$25,000 or more           Median	692 416 367 264 232 325 1 410 1 280 386 52 52 \$7 900	102 67 52 36 17 35 77 52 28 54 300	192 103 80 52 63 90 235 156 52 5 5 5 5 5 5 5 5 5	199 110 95 73 54 104 410 289 48 4 4 57 400	109 88 84 55 55 39 334 306 90 10 \$8 400	18 37 14 39 27 21 27 178 185 69 10	10 32 9 14 16 10 30 124 159 49 9	- 5 6 3 5 5 5 - 35 76 19	4 13 - 7 - 17 37 20 5	- 6 6 1 1 1 20 8 9	6	8 000 8 200 8 400 8 900 9 200 9 200 9 200 9 200 9 200 9 200 11 200 11 200 11 800
YEAR MOVED INTO UNIT           1969 to March 1970           1968           1967           1967           1968 to 1966           1969 to 1966           1950 to 1959           1950 to 1959	448 355 356 608 1 433 1 307 960	22 25 24 45 112 113 149	50 31 68 70 165 309 339	120 73 90 165 366 325 288	\$8 400 94 89 85 170 304 281 113	\$9 300 110 69 16 49 205 112 59	\$9 800 38 28 35 58 150 97 12	\$11 200 6 11 38 19 60 34	\$11 400 8 10 	19 7 19 9		10 900 11 400 9 900 10 400 10 600 9 300
HEATING EQUIPMENT Steam or hot water Warm-air furnace Built-in electric units Floor, wall, or pipeless furnace Other means None ALB_CONDITIONING	162 4 431 78 165 573 15	5 310 18 19 114 -	23 820 15 43 117 10	34 1 192 3 31 126 ~	22 967 33 33 110 5	9 513 9 17 59 -	31 388 11 22 -	6 132 - 16 -	16 82 - 5 -	- 10 24 - - 6 9 -	6 3 - - - -	7 400 12 200 9 800 9 200 8 600
AIR CONDITIONING Room unit(s) Central system Nane Viimited to ane-family homes on less than 10	472 116 4 879	29 7 454	62 18 952	84 16 1 327	116 23 997	84 18 518	55 363	18 19 131	19 98	5 15 34	- - 5	11 309 9 400

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

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

Table C-12. Gross Kent	(Data based o		-						ng of symbol	s, see text]			
		Less than	\$50 to	\$60 to	\$70 to	\$80 to	\$100 to	\$120 to	\$150 to	\$200 to	\$300 or	No cosh	Medion
Youngstown	Total	\$50	\$59	\$69	\$79	\$99	\$119	\$149	\$199	\$299	more	rent	(dollars)
Specified renter occupied'	4 159	468	372	378	588	1 166	694	341	34	10	15	93	83
ROOMS           1 room           2 rooms           3 rooms           4 rooms           5 rooms           6 rooms           7 rooms	85 49 659 1 094 1 192 733 237	48 23 217 152 4 19 5	- 16 101 138 112 5 -	5 	- 93 226 189 49 31	5 5 295 495 244 36	12 5 34 141 186 227 70	- - 18 47 42 122 61	- - 5 14 9 -		10 - - 5 -	5 - 9 21 12 12 30	61 78 86 101 108
8 rooms or more Median	110 4.7	3.3	4.0	5 4.3	4.4	25 4.9	19 5.3	51 6.0	6 			4	122
PERSONS  1 persons 2 persons 3 persons 4 persons 5 persons 6 persons or more Median Units with roomers, boarders, or lodgers	928 1 015 760 507 387 562 2.7 193	281 127 48 	145 79 17 89 26 16 2.0 -	82 97 95 32 20 52 2.6 27	115 167 111 73 43 79 2.6 15	180 297 257 165 126 141 2.9 49	72 137 146 87 93 159 3.4 58	10 65 67 48 53 98 4.1 26	16 5 13  8		5 - - 5  5	38 25 19 3 4 4 	62 81 87 85 94 99 
PLUMBING FACILITIES BY PERSONS PER ROOM							682	341	34	10	10	93	84
With all plembing facilities         0.50 or less           0.51 to 1.00         1.51 or more           1.51 or more         0.53 or less           0.53 or less         0.51 or less           0.51 to 1.00         1.00           1.51 or more         0.51 or less           0.51 to 1.00         1.00           1.51 or more         0.51 to 1.50	3 958 1 746 1 768 375 69 201 95 80 20 6	372 271 96 5 	332 167 145 20 - 40 34 - 6	362 147 181 34 - 16 - 5 5 5 6	582 242 248 83 9 6 - - -	1 140 476 536 105 23 26 13 4 9 9	246 319 96 21 12 - 12 -	119 192 19 11 - - -	16 5 13 - - - -		5-5-5	62 31 - - - - -	81 86 90  51 
BEDROOMS	126	106	_	20		-	-	-49	-	-	-	46	62
1 2 3 or more	861 1 894 1 365	306 175 40	75 156 25	119 209 63	218 422 197	25 480 306	23 312 269	47 89 355	- 26	19	-	51 65	79 101
YEAR STRUCTURE BUILT	9		_	_	-	-	5	4	_	-		-	
1965 to 1968 1960 to 1964 1950 to 1959 1950 to 1959 1940 to 1949 1939 or earlier	30 230 426 513 2 951	20 70 378	10 64 32 266	24 54 33 267	4 30 94 69 391	118 127 133 788	16 16 28 118 511	10 22 10 42 253	- 10 - 24	- - 5 5 -	10 - 5	- 14 11 68	86 77 86 83
ELEVATOR IN STRUCTURE 4 floors or more With elevotor Wolk-up 1b 3 floors	50 50 4 196	50 50 577	256	- - 411	  837	- - 811	- - 604	- - 493	- - 26	- 19	- - -	- 162	  79
COMPLETE BATHROOMS						1 1 5 9	658	275	35	8	5	65	84
1 and 1 1/2 2 or more None or also used by another household	3 759 153 228	338 - 94	372 - 42	333 5 21	517 17 6	1 153 36 43	45 14	37	-	-	6 8	7	107 55
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$4,000 to \$3,999 \$5,000 to \$4,999 \$5,000 to \$4,999 \$5,000 to \$6,999 \$7,000 to \$4,999 \$15,000 to \$4,999 \$15,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$15,000 to \$24,999 \$15,000 to \$24,999	462 325 270 250 220 826	329 64 25 17 21 7 5 - - \$ 2000-	186 60 37 24 6 21 28 10 - \$2 000	115 69 28 17 23 26 77 11 12 12 - \$3 200	203 55 40 47 47 36 120 30 10 53 900	282 98 83 85 78 71 287 144 38 5 400	142 62 85 52 69 32 198 47 7 55 100	89 44 16 14 6 24 81 44 18 5 \$6 100	8 5 6 - - 5 10 - -	5   15   1   1	10 5 - - - - - - - - - - - - - - - - - -	37 5 9 - 3 25 5 9 -	73 77 85 85 86 87 90 93 
	1 204	114	81	76	132	452	262	142	12	8	8	5	89
1969 to Morch 1970	657	116 55 52 54 79 51 25	70 54 98 59 34 18	83 64 75 39 6 16	96 55 132 73 52 -	206 77 177 240 60 20	111 78 96 104 58 8	31 36 23 48 26 6	6 11 - 6 -		6 	20 - 15 32	82 78 78 85 84 
GROSS RENT AS PERCENTAGE OF													77
Less than 10 percent	684 565 332 450 1 526	28 27 35 34 73 255 16	38 27 39 33 66 138 31	75 59 28 27 51 123 15	44 148 67 36 47 235 11	116 297 166 96 93 355 43	11 81 154 63 96 4257 32	15 40 71 38 24 119 34	5 5 19			···· ···· ···· 93	75 84 95 87 77 81 89
AIR CONDITIONING Room unit(s) Centrol system None		- 15 417	10 404	16 - 343	13 527	51 1 181	24 14 679	25 6 281	5 - 30		19	7 65	  84

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

#### METROPOLITAN HOUSING CHARACTERISTICS

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

	[Uata based	on sample, see	text. For min	imum base fo	r derived figur	es (percent, m	nedian, etc.) ar	id meaning of	symbols see	texti		
Youngstown	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	Medion
Owner occupied housing units	5 857	740					40,777	<i>Ψ1,771</i>	\$14,373	\$24,777	more	(dollars)
ROOMS		762	444	386	280	251	350	1 528	1 374	421	61	7 900
1 and 2 rooms3 rooms	21 65	5 20	5 10	-	-	-	_	n	_	-		
4 rooms	458 1 490	95 240	66	42	5 9	5	5 34	15 107	82	6	-	6 000
6 rooms 7 rooms or more	2 253	227	140 169	111	63 116	44 127	91 119	366	337 580	78	20	7 500
PERSONS	1 570	175	54	115	87	58	101	413	375	167 170	19 22	8 200 8 400
1 person	728	342	106	64	16	33						
2 persons 3 and 4 persons	1 450 2 012	237 133	196 101	138 108	107	70	36 99	108 353	23 193	43	14	2 200 5 700
5 persons	613 1 054	17	21	27	102 21	112 13	114 39	575 179	580 210	154 72	33 14	6 800 9 800
Units with roomers, boarders, or lodgers	456	33 95	20 59	49 24	34	23	62	313	368	152	-	9 900
BEDROOMS				24	26	17	54	108	57	16	-	6 100
Less than 33	1 656 3 031	311 421	287 98	97	101	61	117	364	221	39	58	5 500
4 or more	1 149	101	70	196 77	170 43	179	183	955 167	708 282	103 234	18 34	7 800 9 600
YEAR STRUCTURE BUILT 1969 to March 1970	_									204		,
1960 to 1968	320 585	16	10	25	ī	ñ	- 7	74	116	45	5	10 300
1949 of earlier	4 952	60 686	51 383	40 321	269	30 210	13 330	158	192	32	9	8 900
YEAR MOVED INTO UNIT 1969 to March 1970						210	330	1 296	1 066	344	47	7 600
1960 to 1967	497 406	13 45	10	36 16	28	46	38 22	205	109	12	-	8 100
1959 or earlier	2 560 2 422	194 481	159	135	73	42	162	124 782	114 741	53 249	23	9 100 9 000
SELECTED CHARACTERISTICS Automatic clothes washing machine				21-4	165	110	123	461	474	123	20	5 900
Ciones Gryer	2 858 1 830	267 142	183 88	68 50	175	121	230	756	719	266	73	8 500
Dishwasher Hame food freezer	223 2 314	217	18	-1	40	80	123 20	448 43	623 84	167 40	69 18	9 600
With air conditioning	177	20	19	129	165	159	181	512 94	648 44	144	40	8 100
Room unit(s) Central system	478	47 42	22 22	50 33	5	23 23	26 26	169 134	194 148	54	4	9 200
Automobiles available:	116	5	-	17	-	-	-	35	46	41 13	4	9 000
12	2 733	283 29	229 45	182	150	138	211	886	527	123	4	7 600
3 or more	318	-	7	61	55 6	63 7	72 12	474 94	733	251 56	21 11	10 700
Renter occupied housing units	4 297	1 463										
ROOMS		1 400	488	330	275	253	223	846	315	99	5	3 600
) room 2 rooms	85	59	10	_	5	6	_1	5				[
3 rooms4 rooms	55 670	22 335	22	5 46	5 46	46	7	16 122		-	-	
5 rooms	1 133 1 237	416 380	160 152	106	68	47	53	196	27 75	5 12	-	2 000 2 900
6 rooms or more PERSONS	1 117	251	144	67	56 95	74 80	100	238 269	101 112	30 52	- 5	3 800
l person	959	618	33	52	20							
3 and 4 persons	1 044	315 369	137	114	30 93	33 56	41 29	134 181	18 101	18	-	2000
5 persons6 persons or more	397 589	77	152 71	102 16	81 21	72 40	91 191	293 110	118	30 23	-	4 400 5 300
Units with roomers, boarders, or lodgers	202	84 113	95 26	46 17	50	52	43	128	58	28	5	5 400
BEDROOMS				· · · /	4	11	4	23	4	-	-	2000
None	126 861	75 402	52		-	31	_	20	_	_[	_	
2	1 951	623	242	78 166	88 137	42 117	48 162	100 363	51 94	47	-	2 500 3 700
YEAR STRUCTURE BUILT	, 305	286	209	148	45	90	73	368	100	46	-	4 900
1969 to March 1970 1960 to 1968	9	-	-	-	4	_		5				
1950 to 1959 1949 or earlier	260 460	47 146	35 51	25 34	12 45	17	26 26	65	28	5	-	5 600
YEAR MOVED INTO UNIT	3 568	1 270	402	271	214	203	171	71 705	46 241	8 86	5	4 000 3 400
1969 to March 1970	1 339	439	136	127	103	75						
170U TC 176/	703	213 624	145	44 96	45	19	69 19	297 154	77 42	8 22	8	3 700
1959 or earlier	451	238	12	32	18	123 30	117	310 59	172	49 17	_	3 800 2000-
Sectified rester arousted	4 159	1 406	462	325								
15 to 19 percent	1 011	-	15	10	270 12	250 35	220 92	826 493	301 279	94 85	5	3 700
25 to 34 percent	332	6	39	30 50	58 92	101	73	271 37	17	-	-	7 100
35 percent or more	450 1 526	69 1 112	128 280	105 125	90 9	50	8	-	-		-	4 800 3 300
SELECTED CHARACTERISTICS	275	219	-	5	9	-	3	25	5	9	-	2000 2000
Automotic clothes washing machine	1 109	228	133	108						l		
Dishwasher	512	216	-	-	99 22	38 19	81 48	350 185	47 22	25	-	4 900
Owned second home	514 22	173	25	40	-	-	-1	205	71	-	-1	5 900
Room unit(s)	193	54	- 14	_	22 7	8	12	67	-	-	-	7 300
Central system	135 58	24 30	6 8	-	Ž	8	6	67	24 18	7 7	-	7 100
1	1 629	281	144	133	138		6	-	6	-	-	
2	471 19	37	-	28	7	108 40	122	515 170	165 117	23 45	8	6 100 8 800
*Excludes one-family homes on 10 acres or m		L			-	-		5	-	14	-	

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

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

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

	(Data based on s	ample, see text.	For minimum	base for derive	d figures (percen	t, medion, et	c.) and meaning	of symbols, see	text]		
			With all	plumbing facili	ties			Locking some o	or all plumbing f	ocilitie s	
Youngstown	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Tatal	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	5 857	5 683	2 894	2 341	371	77	174	102	41	31	-
PERSONS 1 persons 2 persons 3 persons 4 persons 5 persons or more Medion Units with roomers, boarders, or lodgers	728 1 450 1 157 613 1 054 3.1 456	701 1 391 1 114 849 602 1 026 3.2 433	701 1 366 692 100 35 	25 417 749 542 608 4.5 207	- 5 361 7.3 36	- - 20 57 57	27 59 43 6 11 28 2.5 23	27 54 21 - 1.9 7	- 5 6 9  9	- 7 - 5 19  7	
YEAR STRUCTURE BUILT           1969 to Morch 1970	47 307 598 657 4 276	47 307 572 627 4 152	18 168 197 276 2 183	29 118 350 289 1 625	- 21 6 56 284	- - 19 6 60	- 26 30 124	- 14 22 82	- - 12 8 11	31	1 1 1 1 1
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$4,000 to \$3,999 \$5,000 to \$5,999 \$6,000 to \$5,999 \$6,000 to \$6,999 \$10,000 to \$14,999 \$10,000 to \$14,999 \$10,000 to \$14,999 \$10,000 to \$24,999 \$10,000 to \$24,999 \$10,000 to \$24,999	762 444 386 280 251 350 1 528 1 374 421 61 \$7 900	713 421 374 275 251 332 1 489 1 355 412 61 \$8 000	569 335 225 164 167 170 710 432 95 27 \$5 900	117 66 133 101 79 129 661 757 264 34 \$9 500	27 15 16 10 5 33 78 142 45 \$10 100	- 5 - 40 24 8 -	49 23 12 5  18 39 19 9 54 600	38 13 9 5 25 7 - \$3 000	11 5 3 - 5 3 5 9 -	5 	
VALUE-INCOME RATIO Specified owner occupied' 1.5 to 1.9 2.0 to 2.4 3.0 to 3.9 3.0 to 3.9 4.0 or more Not computed	5 424 2 928 652 415 250 332 748 99	5 276 2 884 403 232 317 723 93	2 687 1 144 226 221 133 216 572 75	2 168 1 436 263 158 99 86 112 14	353 252 24 24 - 10 39 4	68 52 )1 - 5 - -	148 44 12 18 15 25 6	97 37 15 9 - 5 25 6	27 3 5 3 11 5 -	24 4 7 5 -	
HEATING EQUIPMENT Steom or hot water	221 4 737 78 175 631 15	209 4 640 75 170 574 15	77 2 393 35 107 277 5	120 1 870 35 50 256 10	8 322 5 5 31 -	4 55 - 8 10 -	12 97 3 5 57	61 5 36	5 17 3 	7 19 - 5	
Renter occupied housing units	4 297	4 096	1 806	1 835	386	69	201	95	80	20	6
PERSONS 1 person 2 persons 3 persons 4 persons 5 persons 6 persons Comparisons	959 1 044 773 535 397 589 2.7 202	831 1 011 759 529 397 569 2.8 197	826 805 148 20 7  1.6 94	5 196 611 503 324 196 3.7 90	- 6 66 314 6.5 8	10 - - 59  5	128 33 14 6 	58 33 4 - - - - -	70 10 - - - -	- 6 14 	
YEAR STRUCTURE BUILT           1965 to March 1970           1965 to 1968           1960 to 1964           1950 to 1964           1950 to 1964           1950 to 1964           1940 to 1964           1940 to 1964           1939 or eorlier	7 231 458 563 3 014	7 20 216 449 545 2 893	7 13 73 140 181 1 459	7 99 219 278 1 175	38 85 64 218	- 6 5 22 41	- 15 9 18 121	- - - 9 79	7 15 9 37	- - - 9 5	
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$5,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$5,999 \$7,000 to \$6,999 \$10,000 to \$14,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	1 463 488 330 275 253 223 844 315 99 5 5 \$3 600	) 332 468 316 275 242 216 828 315 99 5 \$3 800	807 174 141 95 76 64 304 116 29 52 600	478 227 136 137 119 115 420 156 47 - \$4 600	41 57 35 43 35 30 92 38 10 5 5 55 500	6 10 4 12 7 12 5 13 -	131 20 14 11 7 18 - \$2000 -	55 5 14 - 5 7 9 - -	65 	11 9 - - - - - - - - - -	6
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied' Less than 10 percent 10 to 14 percent	4 159 327 684 565 332 450 1 526 275	<b>3 958</b> 300 670 560 332 428 1 408 260	1 746 105 252 188 126 154 759 162	1 768 152 318 300 163 193 556 86	375 30 90 53 43 70 77 12	69 13 10 19 11 16 -	201 27 14 5 - 22 118 15	<b>95</b> 16 10 5 - 10 44 10	80 11 4 	20 - - - - - - - - - - - - - - - - - - -	<b>6</b>         6 
HEATING EQUIPMENT Steam or hot water Worm-air furnace Bouitria electric units Floor, wall, or pipeless furnace Other means None	875 2 518 99 223 565 17	821 2 428 99 212 519 17	385 1 069 21 86 241 4	374 1 080 55 89 204 1 3	35 229 18 37 67 -	7 50 5 - 7 -	54 90 11 46 –	6 43 11 35 -	48 27 - 5 -	14 - - 6 -	6

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

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

	(Data based on	sample, see text.	For minimum b	ase for derived fi	gures (percent, i	median, etc.) and	meaning of sym	bols, see text]		
Youngstown	Tota	l 1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units Units with 1 or more bathrooms and complete kitchen facilities for exclusive	5 857		21	65	458				735	5.9
use, and direct access	5 566	-	-	48	384	1 349	2 198	865	722	6.0
) person	728	-	-	19	96	283	227	33	70	5.4
2 persons3 persons	1 450 1 157	-	12	30 5	168 110	484	530 447	141	97 115	4.6
4 persons	855		9	11	69 10	149	387	150 92	100	58 60 60
6 persons or more Median	1 054 3.1	-	-	-	5 2.3	119	401 3.3	268 4.1	261 4.4	6.5
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities 0.50 or less	5 683 2 894	-	14	60	412	1 437	2 211 1 179	828 318	721 412	5.† 5.9
0.51 to 1.00 1.01 to 1.50	2 341 371	-	5	19 30	223 179	743 586 80	820 202		290 19	60 60
1.51 or more Lacking some or all plumbing facilities	77	-	9	11	5 5 <b>46</b>	28	10		17	5.0
0.50 or less 0.51 to 1.00	102 41	-	-	5	40 41	24	25	7	5	5.0 49
1.01 to 1.50	31	-	7	5	5	18 11	9 8	-	9	•••
BEDROOMS	-	-	-	-	-	-	-	-	-	-
None and 1	212		36	40	79	19	21	17	_	
3	1 444 3 031	-	-	21 -	293 44	984 655	87 1843	59 334	155	4.9 5.9
4 or more YEAR STRUCTURE BUILT	1 149	_	-	-	-	-	212	324	613	7.5+
1969 to March 1970	_									
1960 to 1968 1950 to 1959	320 585	-	- 4	5	- 3 94	- 173 243	- 104 144	36 70	4	5.4
1949 or earlier	4 952		17	60	361	1 074	2 005	70	706	5.5 60
1 and 1 1/2	4 975 617	-	5	48	371 13	1 321 36	1 983 228	762 103	485 237	5.9 6.8
None or also used by another household	293	-	11	21	71	85	65	34	6	5.0
Specified owner occupied'	5 424	_	10	62	391	1 379	2 160	799	623	5.4
Less than 1.5 1.5 to 1.9	2 928 652		-	35 10	188 37	693 150	1 220 275	416 115	376	5.9
2.0 to 2.9 3.0 or more	665 1 080		10	17	35 122	179	255 369	116	80 97	60 5.7
Not computed	99	-	-	-	9	25	41	19	5	
Renter occupied housing units Units with 1 or more bathrooms and	4 297	85	55	670	1 133	1 237	765	242	110	43
complete kitchen facilities for exclusive use, and direct access	4 013	12	26	583	1 122	1 161	<b>79</b> 1	236	82	4.7
PERSONS										
1 person	959 1 044	75 10	50 5	406 191	194 389	139 257	50 134	41 43	4 15	3.4 4.3
3 persons 4 persons	773 535	-	-	55 12	291 139	275 215	115	33	4 20	4.6
5 persons6 persons or more	397 589		-	- 6	66 54	184 167	118 221	17 86	12 55	5.2
Median	2.7			1.3	2.5	3.3	4.2	3.7	5.5	
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	4 096									
0.50 or less 0.51 to 1.00	1 806	15	21 16	630 382	1 098 554	1 228 396	<b>757</b> 291	237 117	110 50	4.7
1.0) to 1.50	386	-	5 -	242 6	424 99	674 137	328 126	100 15	57 3	4.9 5.1
Locking some or all plumbing facilities	201	10 70	34	40	21 35	21 9	12 8	5 5	-	2.4
0.51 to 1.00	95 80 20	70	34	24	29 6	-	8	-	-	
1.51 or more	6	-	-	6 6	-	9 -		5		
BEDROOMS							ļ			
None12	126 861 1951	95 -	25	31 792		22	22	_	-	30
3 or more	365	-	-	-	1 035	866 357	50 518	283	207	- 4.4 6.1
YEAR STRUCTURE BUILT										
1969 to March 1970 1960 to 1968	9 260	22	- 5	40	5 90	69	4 28	- 6	-	4.2
1950 to 1959	460 3 568	4 59	50	42 588	187 851	170 998	53 680	4 232	110	4.5
COMPLETE BATHROOMS										
1 and 1 1/22 or more	3 907 158	12	26	584 10	1 117 29	1 155	754	204	55	4.7
None or also used by another household	235	64	32	41	45	17 26	37 17	32 5	27 5	6.0 3.0
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied?	4.10-									
Less than 10 percent	4 159 327 684	85 11	<b>49</b> 12	659 70	1 094 71	1 192 93	733 57	237 9	110	4.7 4.5
15 to 19 percent	684 565	-	10	105 63	186 143	215 159	152 127	15 50	11 13	4.7
25 to 34 percent	332 450	-	.6	60 81	73 145	95 117	75 81	23 11	6	48
35 percent or more	1 526 275	69 5	16 5	223 57	419 57	457 56	203 38	88 41	51 16	4.6
"Limited to one-family homes on less than 1		·····	ł_	one-family hom	l.					

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

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

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

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

		Owner occ	cupied	ľ				Renter oc	cupied			
Youngstown	Total	l unit	2 units or more	Mobile home or trailer	Total	l unit	2 units	3 ond 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	5 857	5 565	292	-	4 297	1 952	742	471	372	696	64	-
ROOMS												
1 room 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms 8 rooms or more Median	21 65 458 1 490 2 253 835 735 5.9	10 62 408 1 400 2 209 817 659 5.9	11 3 50 90 44 18 76 5.4		85 55 670 1 133 1 237 765 242 110 4.7	5 16 104 363 648 534 202 80 5.3	11 133 200 226 137 17 18 4.6	5 12 100 121 179 42 7 5 4.5	9 5 38 142 112 52 7 7 4.4	33 6 290 302 56 - 9 - 3.6	33 5 5 16 - - 	
PLUMBING FACILITIES BY PERSONS PER ROOM				1								
With all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more           Letting some or all plumbing facilities           0.50 or less           0.51 to 1.00           1.01 to 1.50           1.51 or more	5 683 2 894 2 341 371 77 174 102 41 31 -	5 417 2 722 2 264 363 68 148 97 27 27 24 	<b>266</b> 172 77 8 9 <b>26</b> 5 14 7 -		4 096 1 806 1 835 386 69 201 95 80 20 6	1 910 836 825 208 41 42 23 4 15 -	706 350 303 39 14 36 36 	<b>439</b> 207 181 42 9 <b>32</b> 21 - 5 6	348 100 187 61 - 24 9 15 - -	657 303 323 31 - - - -	36 10 5 28 	
BEDROOMS		20			126			31	20	50	25	_
None 1  2	22 190 1 444 3 031 1 149	22 173 1 287 2 920 1 043	17 157 111 106		861 1 951 1 091 274	168 966 764 226	166 283 106 48	75 165 130	55 230 69	397 307 - -	22	1 1 1
YEAR STRUCTURE BUILT												
1969 to March 1970           1965 to 1968           1960 to 1964           1960 to 1959           1940 to 1959           1940 to 1949           1939 or eorlier	37 283 585 670 4 282	37 283 566 655 4 024	- - 19 15 258	-	9 30 230 460 530 3 038	4 9 30 199 283 1 427	5  34 48 648	10 37 78 50 296	- 49 74 38 211	91 70 111 424	11 16 5 32	
INCOME IN 1969												
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$4,999 \$7,000 to \$4,999 \$7,000 to \$4,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$25,000 or more \$25,000 or more	762 444 386 280 251 350 1 528 1 374 421 61 \$7 900	705 420 372 243 327 1 448 1 309 407 57 \$7 900	57 24 14 3 80 65 14 4 \$7 600		1 463 488 330 275 253 223 846 315 99 5 \$3 600	649 233 143 112 122 92 380 164 52 5 \$3 700	195 48 56 51 39 41 234 63 15  \$5 500	145 74 57 41 33 23 54 22 22 22 \$3 300	138 39 20 14 21 15 89 26 10 \$3 500	303 84 49 57 38 48 84 33 - \$2 500	33 10 5 - 4 5 7 - -	
YEAR MOVED INTO UNIT												
1969 to March 1970           1968           1967           1967           1965 and 1966           1960 to 1964           1950 to 1959           1930 to 1959           1949 or earlier	497 406 375 661 1 524 1 234 1 188	472 384 356 618 1 458 1 183 1 129	25 22 19 43 66 51 59		1 339 703 463 669 675 302 149	580 313 231 275 297 139 84	247 109 70 140 113 43 31	133 68 77 80 97 27 17	122 101 36 23 53 23 10	225 92 49 145 108 70 7	32 20 - - - - - -	
GROSS RENT					4 159	1 814	742	471	372	696	64	_
Specified renter occupied'           Less than \$50	···· ···· ···· ····	···· ···· ···· ····	···· ···· ···· ···· ····		468 372 378 588 1 166 694 341 34 10 15 93 \$83	58 94 117 217 531 428 250 26 10 5 78 \$94	21 50 75 111 280 150 46 - - 9 \$86	31 72 97 118 48 22 4 - - \$74	<ul> <li>60</li> <li>57</li> <li>70</li> <li>47</li> <li>98</li> <li>26</li> <li>10</li> <li>4</li> <li>-</li> <li>-</li></ul>	282 95 19 129 132 25 8 - - - 6 \$57	16 4 5 7 17 5 - 10 -	
HEATING EQUIPMENT							<i></i>				~~	
Steem or hot water Warm-air furnace Built-in electric units Floor, wolf, or pipeless furnace Other means Kone	221 4 737 78 175 631 35	178 4 531 78 170 593 15	43 206 5 38 -	- - - -	875 2 518 99 223 565 17	55 1 373 66 115 326 17	31 574 24 113	55 287 4 53 72 -	134 191 4 5 38 -	572 77 20 16 . 11	28 16 5 10 5	
AIR CONDITIONING Room unit(s) Centrol system	478 116	478 116	-	-	135 58	49 27	22 731	12 6 481	39 	8 25 663	5	-
None	5 291	5 006	285	-	4 107	1 843	731	401	527	000	00	-
1         2           3 or more         None	2 733 1 804 318 1 030	2 577 1 762 309 952	156 42 9 78	- - - -	1 629 471 19 2 181	681 241 19 978	365 99 289	204 47 248	113 36 219	245 43 408	21 5 39	- - -

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

#### METROPOLITAN HOUSING CHARACTERISTICS

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

		Two-or-more-person households				One-person households						
(oungstown	[		Male head, wi	fe present, no	nonrelatives		Other ma	le head	Female	head		
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 yea and or
Owner occupied housing units	5 857	102	552	1 030	1 637	592	220	92	684	220	402	
LUMBING FACILITIES BY PERSONS PER ROOM												
(ith all plumbing facilities 0 50 or less	5 683 2 894	102 50	552 173	1 013 203	1 586 717	564 391	217 122	87 54	662 323	199 160	384 384	3
0.51 to 1.00.	2 341	52	328	670	676	158	90	33	304	30	304	3
1 OF to 1.50	371	-	47 4	124 16	141 52	15	5	-	30	9	-	
cking some or all plumbing facilities 0.50 or less	174	-	-	17	51	28	3	5	5 22	21	18	
0.50 or less . 0.51 to 1.00	102 41	-	-	- 9	22 18	28	3	5	9	n i	18	
1.01 to 1.50	31	-	-	8	11	_	-	-	6 7	5	-	
1.51 or more	-	-	-	-	-	-	-	-	-	-	~	
NITS IN STRUCTURE	5 565	102	534	993	1 552	568	204			107		
or more blie home or troiler	292	-	18	37	85	24	16	86 6	654 30	197 23	376 26	2
COME IN 1969	Ì				-	-	-	-	-	~	-	
ss than \$2,000	762	-	18	4	32	101	14	23	152	76	117	2
000 to \$2,999 000 to \$3,999	444 386	12	6 19	۲ ا 25	38 29	117	8	20	91	41	53	
.000 16 \$4,999	280	4	29	15	52	94 78	3 7	17	107 76	16	45 11	
.000 to \$5,999	251 350	10 10	9 26	27 84	59 98	32	15	-	41	25	26	
.000 to \$9,999	1 528	34	209	298	599	36 60	19 74	11	38 90	3 45	36 91	
0.000 to \$14,999 5,000 to \$24,999	1 374 421	28 4	193 39	415	518	38	65	18	62	14	23	
000 or more	61	-	4	129 16	181 31	31	15	-	22 5	-	-	
deor	\$7 900	\$8 300	\$9 400	\$10 500	\$9 600	\$3 800	\$8 800		\$3 900	\$2 800	\$3 700	\$2000
LUE-INCOME RATIO Specified owner occupied												
s than 15.	5 424 2 928	<b>93</b> 57	519 338	<b>968</b> 681	1 495	568	199	86	640	194	367	2
to 19	652	16	93	135	1 051 194	194 51	143 23	30 5	234 68	64 29	127 24	
10 2.4 10 2 9	415 250	8 6	21	80	100	84	7	-	53	9	36	
10 3 9	332	ő	21 22	33 14	52 48	26 78	7	8	50	14 23	18 39	
or more	748 99	-	13	21	46	126	10	25	64 143	23 55	39 97	:
	77	-	11	4	4	9	3	5	28	-	26	-
Renter occupied housing units	4 297	184	568	329	367	167	205	22	1 405	91	679	,
MBING FACILITIES BY PERSONS PER ROOM									1 405		017	•
all plumbing facilities	4 096	184	562	329	347	167	193	22	1 370	91	572	2.
51 M 1.00	1 806	15 153	99 355	78	142	75	93	4	407	67	567	2
Q1 to 1.50	386	16	101	184 48	146 36	87	77 18	18	786	24	5	
51 or more	69 201	-	7	19	23	_	5	-	162 15	-	-	
50 or iess	95	-	6	-	20 20	-	12	-	35	-	107	
51 to 1 00. 01 to 1.50	80 20		-	-	-	_	8 4	-	9 6	-	37 70	
51 or more	6	-	6	-	-	-	-	-	14 6	-1	-	
TS IN STRUCTURE								-	0	-	-	
4	1 952	65	237	182	237	73	120	18	682	33	212	
19	1 068	38 77	210 116	107 40	88 42	29 65	55	4	347	31	233	
r more	64	4	5	-	42	-	25 5	_	364 12	27	201 33	1
DSS RENT	~	-	-	~	-	-	-	-	-	-	-	
Specified reater accorded	4 159	184	542	315								
to \$59	468	5	-	6	362 15	167 35	205	18	1 352	86 18	665 175	2
	372 378	7	17 69	-	20	15	15	-	142	11	104	1
10 \$79 10 \$99	588	38	69	22 36	20 47	33	24 29	8	130	16	71	
0 20 21 (9	1 166	96 19	207	119	110	53	51	6	200 336	15 14	80 155	-
0 to \$149 8 to \$199	341	3	94 55	89 38	74 48	19 8	47	4	276	-1	50	
A W PLAA	34	4	5	5	5	~	34	-	139 9	6	10	
3 or more	15	5	-	-	5	-	-	-	Ś	-		
255 RENT AS PERCENTAGE OF INCOME	93	-	26	-	18	4	5~	-	7	-	15	:
INCOME						1				ĺ		
Specified reater accepted	4 159	184	542	315	362	167	205	18	1 250			
	2 463	72 10	96 5	51	116	127	98	18 14	1 352	86 81	665 458	26 25
*0 34 mercent	187	22	16	7 22	14	15 10	4	-	48	5	21	
	392	11 29	42	6	18	24	14	_	65 214	7	30 23	1
10 to 10 500	233	-	28 5	16	66 18	74	70	14	693	58	298	18
	1 296	92 80	336	213	145	29	10 85	-	77 188	- 5	86	3
NS 34 mercent	145	80 5	264 46	159 31	116	20	75	4	148	2	189 189	1
Seff. and the manual	58	ž		23	24 5	9	10	-	15	5	-	
GE n \$7,2 000	28	-	21	-		-	-	_	18	_	-	
14 Mar 20 nortant	301	20	89	41	62	6	-	-	7	-	-	
	296	20	89	41	62 57	6	22 22	_	43 43	-	18	
Commission	_	-	-	-	-	-	-	-	43	_i	18	
	5	-	-	-	5	_	-	-	-	-		
15 24 serves	90	-	21	10	39	5	-	_	24	-	-	
Der the mars	-	-	16	10	35	5	-	-1	24		-	
A Shell in And	=1	-	-	-	-	=1	-	-	-	-	-	
R DBmpubed	9	-	5		4					~	-	

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

METROPOLITAN HOUSING CHARACTERISTICS

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

Table C-18. Persons in Ow			For minimum be						<b>Jescher</b> a	
Youngstown	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Cwner occupied housing units	5 857	728	1 450	1 157	855	613	419	352	283	3.1
BEDROOMS None and 1 2 3	212 1 444 3 031 1 149	73 252 247	59 558 733 190	45 349 692 126	144 455 176	14 79 398 132	21 22 280 44	40 144 217	- 62 132	2.3 3.3 4.2
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1968 1950 to 1969 1950 to 1959 1940 to 1949		43 77		- 12 71 114 114 846	- 12 35 118 108 582	- 4 23 86 61 439	4 25 62 86 242	- 9 15 31 297	- 5 10 20 248	2.9 3.5 3.2 3.1
1939 or earlier UNITS IN STRUCTURE 1 2 or more	5 565 292	675	1 364 86	1 086 71	824 31	594 19	414	343 9	265 18	3.2 2.6 -
Mabile home or trailer COMPLETE BATHROOMS 1 and 1 1/2	- 4 975 554 63 293	38	1 247 74 14 116	1 023 80 6 53	755 78 8 25	481 107 7 8	321 82 8 26	268 46 7 18	250 49 7 -	3.1 4.6 2.4
HOUSEHOLD COMPOSITION Two-or-more-person households	5 129 3 913 102 552 1 030 1 637 592 312 220 92 92 94 684 222 728		1 450 994 16 62 97 469 350 117 76 41 339 201 138 	1 157 839 50 164 120 389 116 77 59 18 241 179 62 	855 665 208 208 206 69 57 46 11 133 127 6	98 242 148 31 17 9 8 71 66	154 6 31 24 7 60 60	352 308 - 27 136 140 5 13 6 7 31 31 31 	283 254 - 14 94 131 15 - - 29 20 9 	3.5 3.7 3.2 3.8 4.9 3.4 2.3 3.0 3.1  3.0 3.1 3.0 3.3 2.3 1.0
VALUE-INCOME RATIO           Specified owner-occupied'           Less than 1.5.           1.5 to 1.9.           2 0 to 2.4.           2.5 to 2.9.           3.0 to 3.9.           4.0 or more.           Not computed	5 424 2 926 652 415 250 332 746 99	3 136 2 36 5 53 2 33 2 58 3 305	595 174 122 51 140 234	608 161 60 86 57	791 505 110 72 17 17 61 9	66 25 38 29	241 51 48 17 22	339 251 26 30 4 9 15 4	250 197 26 5 4 - 18 -	3.2 3.7 3.2 3.0 3.0 2.3 1.8
Renter occupied housing units	4 297	7 959	1 044	773	535	397	278	189	122	2.7
BEDROOMS None 1  2 or more 3 or more	120 86 1 95 1 36	1 399 1 300	414	616			  48 204	25 45 111		1.6 2.8 4.3
YEAR STRUCTURE BUILT 1965 to 1968 1965 to 1964 1950 to 1954 1950 to 1959 1940 to 1949 1939 or earlier	3( 23) 46) 53( 3 03)	0 44 0 49 0 66	6 48 9 100 6 114	38 96 118	36 79 66	76	37	- 14 18 27 130	4 13 13 26 66	3.1 3.3 3.2 2.5
UNITS IN STRUCTURE 1	1 95 74 47 37 69 6	2 18 1 11 2 4 6 26	6 219 8 121 9 78 3 160	9 144 80 8 60 6 138	41 71	68 44 51 24	27 43 17 7	42 5	93 7 18 4 - - -	3.1 2.3 2.5 3.5 2.0 
COMPLETE BATHROOMS 1 and 1 1/22 or more. None or also used by another household	3 90 15 23	8 2	9 43	2 6	24	20	16		122 8 5	2.8 3.6 1.4
House bit also base by animit indexed at the second	3 33 1 61 1 8 56 32 36 16 22 20 2 2 20 2 2 1 49 1 40 9	8            5            8            9            77            75            76            77            76            77            75            76            77            75            76            77            70            71            72            73            74            75            75            75            75            75            75            75            75            71	- 500 - 22 - 12 - 8 - 16 - 11 - 10 - 10 - 43 - 35 - 35 - 7 7	2   35- 3 313 9 5- 0 66 0 22 2 55 8 33 4 1- 0 36 4 355 6 15 1	1         285           1         55           2         115           3         36           4         36           5         16           5         17           6         16           7         231           5         -	5 178 2 21 3 86 4 86 1 8 5 15 1 11 4 200 1	1 130 8 60 8 333 2 21 8 8 9 14 14 14 134 4 134 4 134	88 	122 78 	3.3 3.4 3.4 3.8 4.1 2.9 2.3 2.5 2.4  3.4  3.5 
GROSS RENT AS PERCENTAGE OF INCOME Specified renter eccupied? Less than 10 percent	4 15 32 68 56 33 45 1 52	27 5 34 12 55 6 32 4 50 5 26 47	2 8 60 16 66 14 11 8 52 12 78 36	3 8 1 13 6 8 7 5 7 6	2 33 2 109 5 61 2 67 5 59 0 167	3 24 5 65 7 24 7 26 7 65 2 91	5 29 5 37 8 54 6 20 9 17 8 7	11           7         28           1         44           5         16           7         35           2         33	11 32 16 17 25 21	2.7 2.8 3.0 3.3 3.2 3.2 2.3 1.9

Limited 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 Ałaska; 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
questionnaire	App-2
Comparability with 1960 data	App-2
	App-3
Housing units	App-3
Group quarters	App-3
Rules for mobile homes, hotels	••
rooming houses, etc.	App-3
Institutions	Арр-4
OCCUPANCY AND VACANCY	
CHARACTERISTICS	App-4
Occupied housing units	App-4
Race	App-4

Race	Ann.A
Spanish heritage	App-4
Tenure	Ann-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	Ann E
Direct access	
Complete kitchen & stillet	Abb/2
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	Ann-6

## EQUIPMENT, FUELS, AND

APPLIANCES	App-6
Heating equipment	App-6
Air conditioning	Арр-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	Арр-8
Gross rent as percentage of	
income	App-8
HOUSEHOLD	
CHARACTERISTICS	Арр-8
Head of household	App-8
Household composition	
Nonrelative	App-8
Family or primary individual	App-9
Income in 1969	App-9
1100mb III 1909	Арр-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 selfenumeration. 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 mechancial 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, monasteries, 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, households 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. "Yearround" 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 yearround. 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 yearround 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 App13.) 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

#### APPENDIX B—Continued

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 central installation which airа 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 sometimes 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 onefamily 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 onefamily 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-forrent 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 pérson households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no nonrelatives.—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 nonrelatives 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 "oneperson 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.

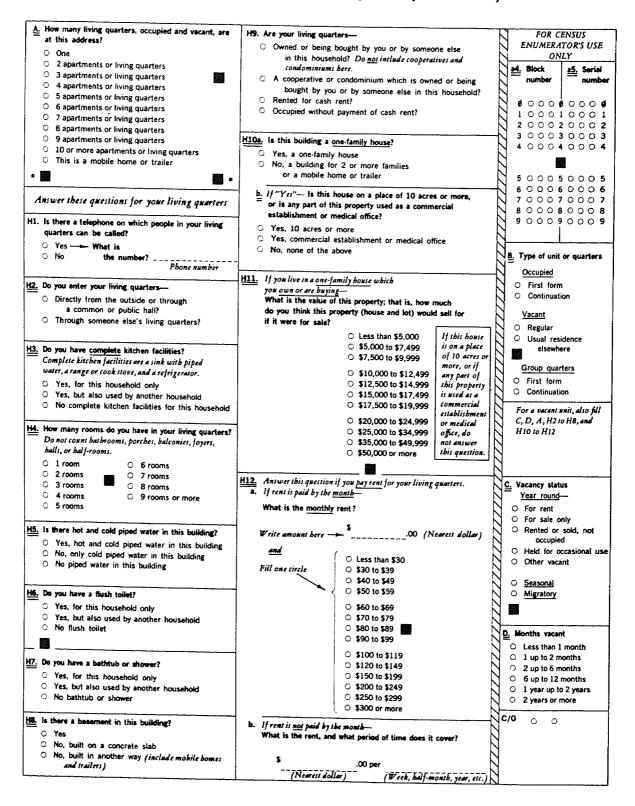
Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as 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 retirement, 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.

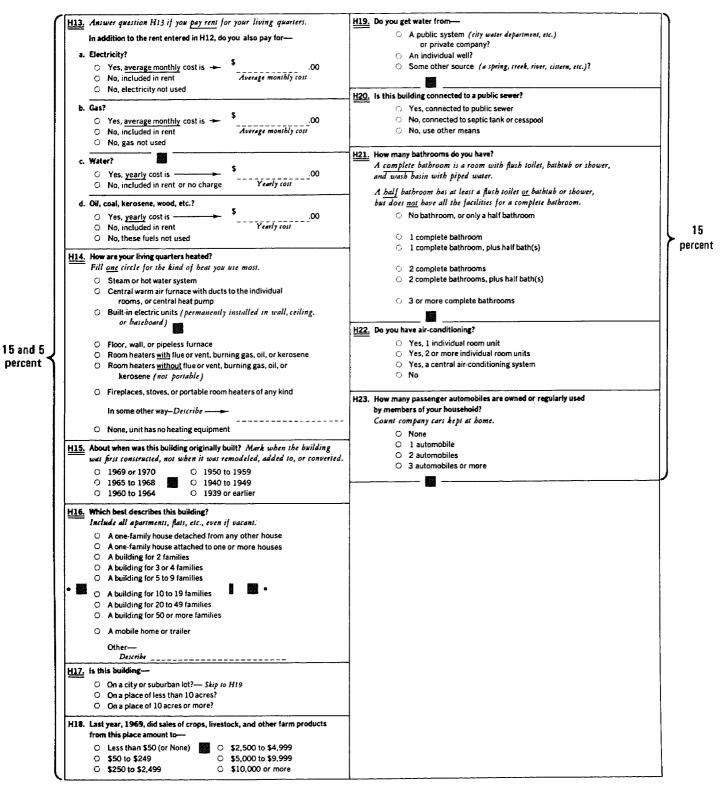
Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank 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)



## APPENDIX B—Continued

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



## **APPENDIX B**---Continued

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

(	H13. Answer question H13 if you pay rent for your living quarters.	H24a. How many stories (floors) are in this building?	ר <u>ר</u>
	In addition to the rent entered in H12, do you also pay for-	I to 3 stories	
	a. Electricity?	<ul> <li>4 to 6 stories</li> </ul>	
	S Von automatic S	☐ 7 to 12 stories	
		13 stories or more	
[	<ul> <li>No, electricity not used</li> </ul>	<b>b.</b> If 4 or more stories—	
	<ul> <li>In addition to the rent entered in H12, do you also pay for— <ol> <li>It addition to the rent entered in H12, do you also pay for— <li>It addition to the rent entered in H12, do you also pay for— </li> <li>It entered age monthly cost is →  <li>No, elucided in rent </li> <li>No, elucided in rent </li> <li>Yes, average monthly cost is → </li> <li>Yes, yearly cost is → </li> <li>Yearly cost </li> <li>Yes, yearly cost is → </li> <li>Yearly cost </li> <li></li></li></li></ol></li></ul>	Is there a passenger elevator in this building?	
	•	ି Yes 🔿 No	
		H25a. Which fuel is used most for cooking?	
		( From underground pipes	
	c. Water?		
	O Yes vearly cost is \$	(Bottled, tank, or LP O Wood O	
,		Electricity O Other fuel O Fuel oil, kerosene, etc O No fuel used O	
	d Oil and the second state		
	S	b. Which fuel is used most for house heating?	
		( From underground pipes	
		Gas serving the neighborhood. $\bigcirc$ Coal or coke $\bigcirc$	
	H14 How are used to be a start of the	Bottled, tank, or LP Wood O	
		Electricity O Other fuel O Fuel oil, kerosene, etc O No fuel used O	
		c. Which fuel is used most for water heating?	
	rooms, or central heat pump	( From underground pipes	
		Gas serving the neighborhood. $\bigcirc$ Coal or coke $\bigcirc$	
		f Bottled, tank, or LP O Wood O	
	<ul> <li>Floor, wall, or pipeless furnace</li> </ul>	Electricity       O       Other fuel O         Fuel oil, kerosene, etc       O       No fuel used	
1	<ul> <li>Room heaters with flue or vent, burning gas, oil, or kerosene</li> </ul>		
1		H26. How many bedrooms do you have?	
15 and 5		Count rooms used mainly for sleeping even if used also for other purposes.	e
percent 1	<ul> <li>Fireplaces, stoves, or portable room heaters of any kind</li> </ul>		5
•	In some other way- Describe		percent
	None unit has no heating equipment	H27a. Do you have a clothes washing machine?	
		<ul> <li>Yes, automatic or semi-automatic</li> </ul>	
	113. About when was this building originally built? Mark when the building	O Yes writeges of constate chieses	
		O No	
		b. Do you have a clothes dryer?	
		Yes, electrically heated	
	H16. Which best describes this building?	<ul> <li>Yes, gas heated</li> </ul>	
		О No	
		c. Do you have a dishwasher (built-in or portable)?	
	A one-family house attached to one or more houses		
		d. Do you have a home food freezer which is separate from your refrigerator?	
		H28a. Do you have a television set? Count only sets in working order.	
		Yes, one set	
Í	A mobile home or trailer	<ul> <li>Yes, two or more sets</li> <li>No</li> </ul>	
	Other-		
	Describe	b. If "Yes"- Is any set equipped to receive UHF broadcasts,	
	H17. Is this building-	that is, channels 14 to 83?	
	On a city or suburban lot?— Skip to H24	○ Yes ○ No	
	On a place of less than 10 acres?	H29. Do you have a battery-operated radio?	
	On a place of 10 acres or more?	Count car radios, transistors, and other battery-operated sets in working	
	H18. Last year, 1969, did sales of crops, livestock, and other farm products	order or needing only a new battery for operation.	
	from this place amount to	C Yes, one or more C No	]
	C Less than \$50 (or None) 25,500 to \$4,999	H30. Do you (or any member of your household) own a second home or other	
	○         \$50 to \$249         ○         \$5,000 to \$9,999           ○         \$250 to \$2,499         ○         \$10,000 or more	living quarters which you occupy sometime during the year?	
· · · ·	\$250 to \$2,499	O Yes O No	

### **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.
- K1. 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.
- K3. 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.
  - 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.

HI4. 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

only to a shed or garage. Altached 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 renteroccupied unit.

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

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

The extent of allocations for nonresponses 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 5percent 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 15percent 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-

	Sample Rate for	r Subjects	Included in	This Report
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Subject	Sample rate (percent)	Subject	Sample rate percent)
OCCUPANCY CHARACTERISTICS Occupied housing units Tenure	15 20	EQUIPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Clothes washing machine Clothes dryer Dishwasher Home food freezer	. 15 . 15 . 5 . 5 . 5
UTILIZATION CHARACTERISTICS Number of rooms Size of household (persons) Bedrooms	20 5 20 20 20	FINANCIAL CHARACTERISTICS Value Sales price asked Gross rent Rent asked Inclusion of utilities in rent Value-income ratio Gross rent as percentage	. 20 . 20 . 20 . 20
PLUMBING CHARACTERISTICS Plumbing facilities Complete bathrooms STRUCTURAL CHARACTERISTIC Complete kitchen	. 15	HOUSEHOLD CHARACTERISTICS Household composition	. 20
facilities	. 20 . 20 . 20 . 20		

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

#### **RATIO ESTIMATION**

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

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 householdtype 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
	- percent mousehold
	•
6	6-or-more-person house- hold
	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

Other vacant

25

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, consistency 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 fourfifths 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 20percent 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 2½ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

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

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

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

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

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

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

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

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100 can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

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

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

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

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

Estimated	Number of housing units in area ²								
number ¹	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000		
50	15	15	15	15	4.5				
100	20	20	20	1 1	15	15	15		
250	30	30	30	20	20	20	20		
500	45	45		30	30	30	30		
,000	60		45	45	45	45	45		
,500	90		65	65	65	65	65		
,000	100	95	100	100	100	100	100		
	100	130	140	140	140	140	140		
0,000		150	190						
5,000		150		200	200	200	200		
5,000			230	240	240	240	240		
0,000			270	300	310	310	320		
5,000	•••		320	400	440	440	440		
00,000		•••	270	450	520	540	540		
		•••		490	600	620	630		

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

	Factor if sample rate is-				Factor if sample rate is-		
Characteristic ¹	20 percent			Characteristic ¹	20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS Year moved into unit Duration of vacancy	 0.8	1.1 	 1.7	EQUIPMENT, FUELS, AND APPLIANCES Heating equipment Air conditioning Automobiles available	0,8 	0. <del>9</del> 1.1 1.0	
UTILIZATION CHARACTERISTICS Rooms	1.0 0.5 0.4 	1.1 0.6 0.5  1.1	2.1 1.2 0.9 2.1	Appliances FINANCIAL CHARACTERISTICS Value Value-income ratio Gross rent Gross rent as percentage of income Sales price asked Rent asked	 1.0 1.0 0.9 1.0 1.1 1.1	 1.1 1.2 1.1 1.2 	1.9 2.1  2.1  2.5 2.5
Plumbing facilities STRUCTURAL CHARACTERISTICS Units in structure Year structure built	1.0 0.8 0.9	 0.9 1.0	 1.7 	HOUSEHOLD CHARACTERISTICS Household composition Income in 1969	0.6 1.0 1.0	0.7 1.2 1.2	 2.3 2.2

## TABLE D. Factor to be Applied to Standard Errors

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

#### Volume IV.

census.

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. Crosstabulations 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.

#### APPENDIX D-Continued

#### 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 crossclassified 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),

#### Volume II.

#### SUBJECT REPORTS

SMSA's, and large cities.

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, plumoing 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 proverty 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 date covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.
- Third Count-source of the HC(3) reports, contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

- Fourth Count-source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.
- Fifth Count-contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.
- Sixth Count-source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

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

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

In addition to the above mentioned summary tapes, the Census Bureau makes availfor purchase certain sample tape files able 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 confi-dentiality. There are six files, each con-taining 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-rurat and metropolitan-nonmetropolitan detail, and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.