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# Metropolitan Housing Characteristics

# WHEELING, W.VA.-OHIO

STANDARD METROPOLITAN STATISTICAL AREA

# Census of Housing

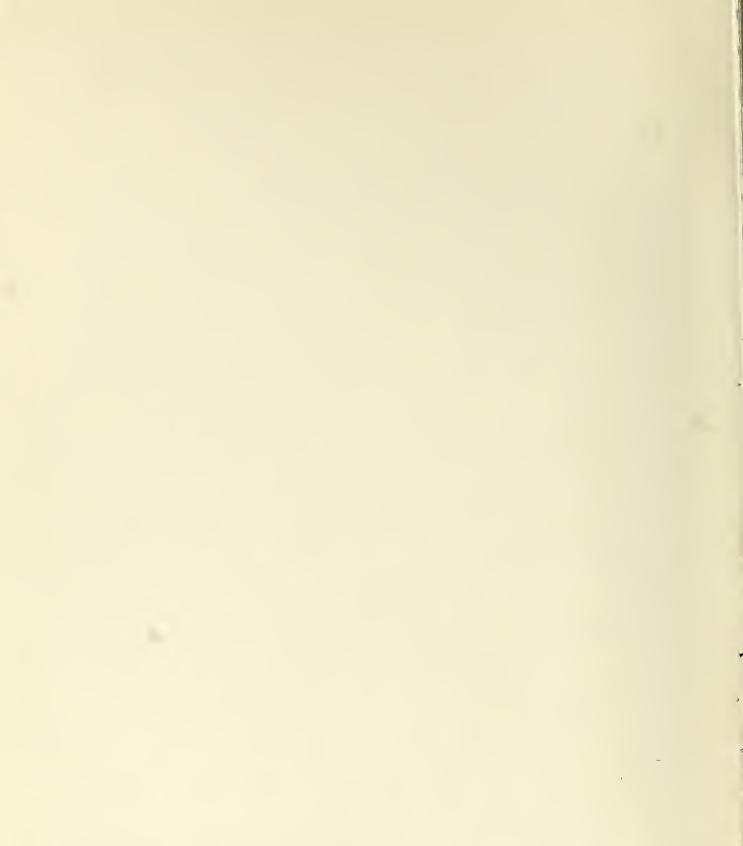
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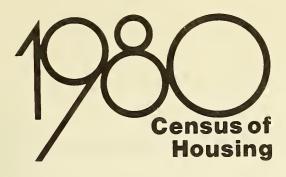
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Census REF





**VOLUME 2** 

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# Metropolitan Housing Characteristics

# WHEELING, W.VA.-OHIO

HC80-2-370

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Issued November 1983



U.S. Department of Commerce Malcolm Baldrige, Secretary Robert G. Dederick, Under Secretary for Economic Affairs

BUREAU OF THE CENSUS C. L. Kincannon, Acting Director



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HOUSING DIVISION Arthur F. Young, Chief

## Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the postcensus data publication process. The Bureau was guided by Director, Bruce Chapman and Deputy Director, C. L. Kincannon. Primary direction of the data publication program was performed by William P. Butz, Associate Director for Demographic Fields, assisted by Peter A. Bounpane, Assistant Director for Demographic Census, in conjunction with Barbara A. Bailar, Associate Director for Statistical Standards and Methodology, Howard N. Hamilton, Acting Associate Director for Information Technology, James D. Lincoln, then Associate Director for Administration, and Stanley D. Moore, Associate Director for Field Operations. The Director's staff was assisted by Sherry L. Courtland. Direction of the census enumeration and early processing activities was provided by Vincent P. Barabba, former Director; Daniel B, Levine, former Deputy Director; and George E. Hall, former Associate Director.

Responsibility for the overall planning, coordinating, processing, and publication of the 1980 census was in the Decennial Census Division under the direction of Stanley D. Matchett, Chief, assisted by Rachel F. Brown and Roger O. Lepage, Assistant Division Chiefs. The following Branch Chiefs were responsible for support services: Donald R. Dalzell, H. Ray Dennis, Stephen E. Goldman, Dennis W. Stoudt, and Richard R. Warren.

Responsibility for developing the housing portion of the 1980 census questionnaire content, designing the tabulations, and preparing this report was in the Housing Division under the supervision of Arthur F. Young, Chief; Leonard J. Norry, Assistant Chief; and William A. Downs, Chief, Decennial Planning and Data Services Branch. This report was prepared by Robert W. Bonnette, Carol A. Comisarow, Richard G. Knapp, and Charles N. Moore. Important contributions were made by Carmina F. Young, Special Assistant.

Administration support was provided by the Administrative Services Division, **Robert L.** 

Kirkland, Chief, and William C. Fanning, Assistant Chief.

Computer processing was performed in the Computer Services Division, C. Thomas DiNenna, Chief, James E. Steed, George M. Bowden, and Joseph J. Sferrella, Assistant Chiefs.

Questionnaire processing procedures were developed in the Decennial Processing Staff, James S. Werking, then Chief, under the direction of Harry O'Haver, then Assistant Chief. The clerical coding and microfilming of the sample questionnaires were performed at three decennial processing locations as follows: Data Preparation Division, Don L. Adams, Chief; Jeffersonville Processing Office, Robert L. Kirkland, then Processing Manager; New Orleans Processing Office, Robert L. Allen, Chief; and Laguna Niguel Processing Office, Robert N. Scheller, Chief.

User services were provided by the Data User Services Division under the supervision of Michael G. Garland, Chief, Marshall L. Turner, Jr., and Paul T. Zeisset, Assistant Chiefs.

Data collection activities were supervised in the Field Division by Lawrence T. Love, Chief, under the direction of Richard Blass, Charles Hancock, and George T. Reiner, Assistant Chiefs, with the assistance of the directors and assistant directors of the Bureau's regional offices.

Geographic programs and plans were developed in the Geography Division under the direction of **Robert W. Marx**, Chief; **Joseph J. Knott** and **Silla G. Tomasi**, Assistant Chiefs; and **Donald I. Hirschfeld**, Special Assistant.

Publications editing, design, composition, and printing procurement were performed by the staff of the Publications Services Division, Raymond J. Koski, Chief; Milton S. Andersen, Arlene C. Duckett, and Gerald A. Mann, Branch Chiefs.

The Statistical Methods Division was largely responsible for weighting sample data and

producing variance estimates. This work was supervised by Charles D. Jones, Chief; Susan M. Miskura and Robert T. O'Reagan, Assistant Chiefs. Important contributions were made by David H. Diskin, Milton C. Fan, Thomas W. Harahush, Robert S. Jewett, J. Kim, Teresa A. Passalacqua, Charles E. Talbert, John H. Thompson, and Henry F. Woltman.

The system design, technical specifications, assembly, and installation of the FOSDIC and Automated Camera Technology System were the responsibility of the Technical Services Division, C. Thomas DiNenna, Acting Chief, and Robert J. Varson, Branch Chief.

Many other persons participated in the various activities of the 1980 census. For a list of key personnel, refer to the *History of the 1980 Census of Population and Housing*, (PHC80-R2).

#### Library of Congress Cataloging in Publication Data

1980 census of housing. Volume 2, Metropolitan housing characteristics.

HC80-2-

Issued August 1983-

1. Housing–United States–Statistics. 2. Households–United States–Statistics. 3. United States–Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Metropolitan housing characteristics.

HD7293.A6114 312'.9'0973 81-607957 AACR2

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#### GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. 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 other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

#### CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables 1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White house-holder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

#### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., "—").

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross 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 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. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended 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 \$10,000," it is shown as "\$10,000-." When the median falls in the upper terminal category of an openended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category "\$150,000 or more," it is shown as "\$150,000+."

#### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash "-" represents zero or a percent which rounds to less than 0.1.
- Three dots "..." mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on "Suppression of Data for Confidentiality.")
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

# SUPPRESSION OF DATA FOR CONFIDENTIALITY

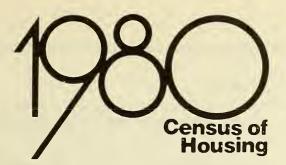
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed: other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area: characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owneroccupied or renter-occupied housing units is less than 10.



# Metropolitan Housing Characteristics

# WHEELING, W.VA.-OHIO

STANDARD METROPOLITAN STATISTICAL AREA HC80-2-370

## Contents

Arrangement	of Tables
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This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

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List of Tables—shows the table numbers and titles for each of the 68 tables	x
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various subject cross-classifications presented in the report appear	хн
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Tables for the total SMSA have the prefix letter ''A''; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter ''B,'' ''C,'' etc.

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		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total Wheeling	A B	1 to 12 13 to 24	_	_	_	=	Ξ

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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# Table Finding Guide --- Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS Condominium	1	2	- 3	4	_ 5	- 6
UTILIZATION CHARACTERISTICS Rooms	1 1 1	2 - 2 2	 		5 5 - 5	6 6 - 6
STRUCTURAL CHARACTERISTICS Units in structure	- 1 -	2 2 2	1 1 1			 6 
PLUMBING CHARACTERISTICS Plumbing facilities	1	2	3	4	_	-
EQUIPMENT AND FUELS Heating equipment	1 1	2 2 - -	3 3 3 3 -	4 4 4 4	5 5 - 5 -	6 6  6 
FINANCIAL CHARACTERISTICS Value	-				5	6
Mortgage status and selected monthly owner costs	-	_	3	-	- 5	-
percentage of household income Contract rent Gross rent Rent asked	-	-	-	4		-
Gross rent as percentage of household income	_	2	_	4	-	_
household income	1	_	3	_	-	
HOUSEHOLD CHARACTERISTICS Household type by age of householder Income Income below poverty level	1 1	2 - 2	3 - -	4  -	5 - -	6  
The table numbers listed above show data the race or Spanish origin group, or if the gro					•	
White	14	15	16	17	18	19

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and		1				
Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

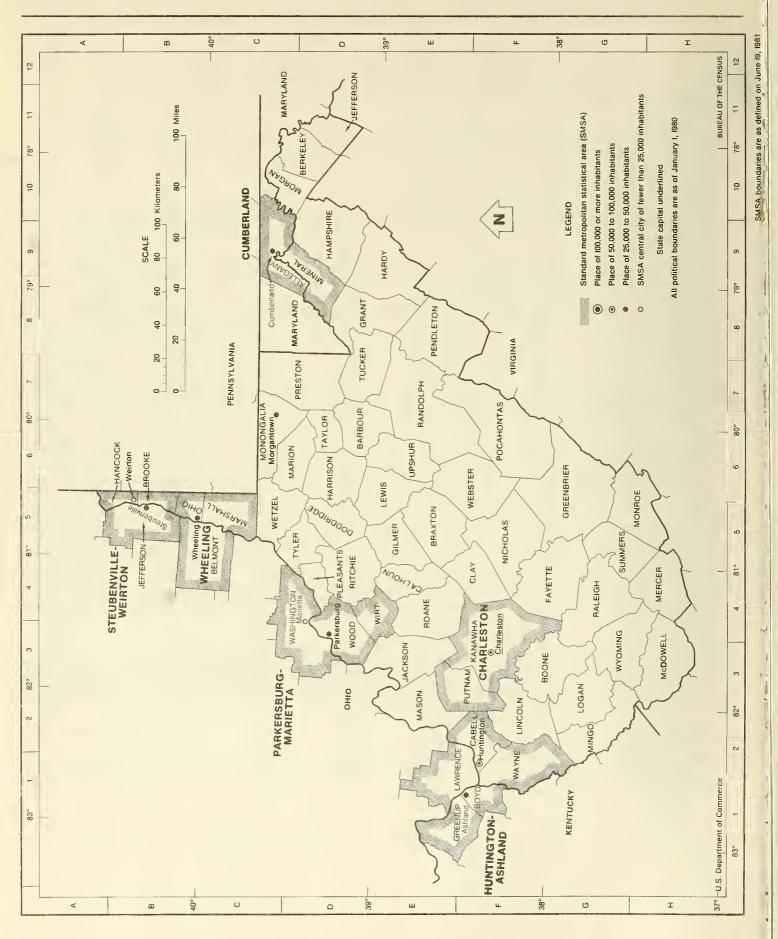
## Table Finding Guide-Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS Condominium	-7	8 8	_	_	_	_	_
UTILIZATION CHARACTERISTICS Rooms	7 7 - 7	8  8 8	9  9	 10 		12  12 12	 13 
STRUCTURAL CHARACTERISTICS Units in structure	7  		9 		11 	12 12 -	13 13 —
PLUMBING CHARACTERISTICS Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS Heating equipment	7 7 - 7 -	8 8 8 8				12   	
FINANCIAL CHARACTERISTICS Value			9	-	- - 11	_ 12 _	-
Selected monthly owner costs as percentage of household income Contract rent Gross rent Rent asked			9  9		11 	- - 12	
Gross rent as percentage of household income	_	-	9	10	11	-	
HOUSEHOLD CHARACTERISTICS Household type by age of householder	7 7 7 7	8 8 8	9 9				

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White		21 32	22 33	23 34	24 35		-
Aleut		43	44	45	46	-	_
Asian and Pacific Islander	53	54	55	56	57	—	-
Spanish origin	64	65	66	67	68	—	_

## Standard Metropolitan Statistical Areas, Counties, and Selected Places



#### CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

#### NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

## Table A - 1. Value of Owner-Occupied Housing Units: 1980

[Dota are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

	[Dota ore estimo	res based on	a sample, see	e infroduction	. For meonin	g or symbols,	see infroduce	non. For der	initions of ter	ins, see oppen	dixes A ond o		
The SMSA	Total	Less thon \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Medion (dollors)	Meon (dollors)
Specified owner-occupied housing units	37 843	1 615	4 742	6 798	6 712	6 235	4 660	4 675	1 481	738	187	38 600	42 200
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER         Married-couple families         15 to 24 yeors         35 to 44 years         35 to 44 years         65 years ond over         Mole householder, no wife present         15 to 24 years         25 to 34 years         35 to 44 years         25 to 34 years         35 to 44 years         25 to 34 years         35 to 44 years         45 to 64 years         4	27 705 699 5 984 10 990 4 908 2 745 274 999 1 006 7 393 17 344 476 2 454 4 102 53.3	942 389 84 184 316 319 201 11 10 25 62 93 3 472 24 22 297 297 62.1	2 601 58 '38 '16 1 015 774 603 24 83 30 221 245 1 538 - 62 37 37 495 944 61.0	4 494 139 838 737 1 745 1 035 607 22 70 50 279 186 6 1 697 2 67 58 556 1 014 57.3	4 880 130 1 068 759 934 4 12 9 32 157 155 1 420 14 49 91 472 794 54.3	4 777 1755 1 217 871 1 864 650 394 20 57 42 126 149 1 064 - 59 111 387 507 49.9	3 889 99 986 796 1 485 533 212 6 38 25 58 85 58 85 559 1 36 37 192 293 49.6	4 002 51 971 855 1 660 465 2003 9 18 40 60 76 64 70 	<b>1 288</b> 188 263 379 507 121 78 - 30 6 27 15 15 - 14 25 43 33 33 45.2	670 - 107 184 313 66 33 - - - - - - - - - - - - -	162 - 12 43 96 11 2 - - - 2 3 - 2 3 - - 2 3 - - - 2 3 - - - - - - - - - - - - -	41 800 38 900 44 300 44 300 42 200 28 100 25 700 25 700 25 700 25 700 26 700 27 400 33 100 41 700 31 100 27 100 27 100	45         300           38         400           46         800           49         900           37         000           34         200           31         400           37         300           32         800           33         400           35         900           35         900           37         200           33         400           37         200           33         900           33         900           31         300
YEAR HOUSEHOLDER MOVED INTO UNIT           1979 to Morch 1980	2 689 7 218 6 334 8 449 13 153	108 208 180 375 744	248 667 590 894 2 343	412 1 011 1 065 1 331 2 979	371 1 207 1 002 1 547 2 585	424 1 386 1 044 1 449 1 932	414 1 055 895 1 078 1 218	430 1 055 966 1 198 1 026	176 405 351 364 185	82 198 184 160 114	24 26 57 53 27	44 600 43 200 43 300 40 500 31 800	48 700 46 500 46 900 43 700 35 200
ROOMS         1 to 3 rooms	553 4 183 10 431 12 203 5 725 4 748 5.8	122 543 510 280 121 39 4.8	186 1 134 1 428 1 355 343 296 5.2	180 1 107 2 230 2 134 764 383 5.4	33 699 2 277 2 491 705 507 5.6	385 2 056 2 243 1 017 534 5.8	21 196 1 052 1 788 1 043 560 6.1	11 77 756 1 527 1 186 1 118 6.5	42 104 302 383 650 7.3	- 7 81 141 509 8.1	- 11 22 152 8.5+	18 500 22 600 34 400 39 300 49 000 60 900 	20 000 25 900 35 700 41 100 50 300 66 200 
BEDROOMS None 1 2 3 4 - 5 or more	47 1 431 10 939 20 139 4 500 787	21 255 767 505 54 13	12 404 2 218 1 751 297 60	9 465 2 740 2 947 573 64	145 2 228 3 576 675 88	89 1 531 3 850 667 8	5 34 768 3 249 530 74	30 486 3 108 883 168	9 156 795 448 73	- 34 304 319 81	- 11 54 54 68	13 100 20 600 28 600 43 200 49 800 59 200	17 900 22 800 31 700 45 100 55 800 70 800
YEAR STRUCTURE BUILT           1975 to Morch 1980           1970 to 1974           1960 to 1969           1950 to 1959           1940 to 1949           1939 or earlier	2 901 2 459 4 590 5 351 3 354 19 188	33 53 68 76 110 1 275	67 62 218 299 428 3 668	256 165 331 714 668 4 664	286 284 632 851 637 4 022	485 382 768 1 189 711 2 700	557 519 930 896 397 1 361	755 575 1 072 981 265 1 027	278 284 406 217 56 240	159 107 137 106 48 181	25 28 28 22 34 50	55 400 54 900 52 400 46 100 37 700 30 000	59 200 58 700 54 300 48 300 40 200 33 200
HOUSEHOLD INCOME IN 1979           Less than \$5,000	3 639 5 155 2 369 2 368 5 765 6 044 8 024 3 246 1 233 \$19 679 \$20 961	493 388 142 100 231 143 110 4 58 807 \$11 161	1 004 1 006 509 297 816 522 388 151 49 \$11 773 \$13 946	820 1 317 498 544 1 152 1 025 1 030 355 57 \$15 924 \$17 044	555 1 061 512 516 1 090 1 106 1 360 429 83 \$18 183 \$19 048	349 693 300 416 1 072 1 274 1 463 557 111 \$20 997 \$21 529	215 414 200 208 706 934 1 362 447 174 \$22 910 \$23 514	133 216 124 202 552 789 1 639 778 242 \$26 671 \$27 756	51 44 51 48 81 191 506 333 176 \$29 792 \$31 741	7 31 28 65 54 140 179 219 \$36 659 \$44 062	12 1 2 9 - 6 26 13 118 \$56 256 \$65 638	22 800 28 500 30 700 34 400 36 400 41 600 47 600 52 500 72 500 	27 900 31 200 33 800 37 700 38 100 42 800 49 800 56 600 82 800 
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979         With a mortgage         Less than 15 percent         15 to 19 percent         20 to 24 percent         30 to 34 percent         35 percent or more         Not computed         Medion         15 to 19 percent         20 to 24 percent         30 to 34 percent         35 percent or more         36 to 34 percent         37 percent         38 percent or more         39 to 34 percent         30 to 34 percent         35 percent or more         Not computed         Medion	<b>17 209</b> 6 957 3 938 2 537 1 508 559 1 637 7 3 7 3 7 3 7 3 7 4 20 634 1 1 323 3 544 2 035 1 233 1 233 1 233 1 233 1 203 1 263 1 203 1 263 1 203 1 263 1 203 1 263 1 203 1 263 1 203 1 263 1 203 1 203	348 176 41 39 18 19 55 - 14.9 226 166 166 68 68 68 68 68 175 6 13.8	1 316 514 296 181 73 500 2 2 17.4 3 426 1 391 588 459 275 228 78 388 19 12.7	2 480 1 096 552 271 165 75 308 13 16.2 4 316 2 103 925 421 204 4 204 4 210 3 225 421 67 67 288 10.3	2 829 1 207 613 368 249 74 295 233 166 6 3 883 2 270 2 17 87 87 87 87 81 66 2 24 10 2 17 87 81 81 66 2 44 10 -	<b>3 316</b> 1 449 710 463 317 120 16.4 <b>2 919</b> 175 179 283 190 772 22 283 190 190 190 190 190 190 100 100	<b>2 532</b> 913 683 249 699 183 - 17.6 <b>2 128</b> 1 344 1 344 1 344 1 346 1 344 1 345 1 345	<b>2 796</b> 998 718 522 270 84 193 111 17.7 <b>1 879</b> 1 380 100 1 380 52 39 9 39 9 39 24 42 6 10-	<b>971</b> 422 178 134 124 28 5 - - 16.8 <b>510</b> 3319 55 23 26 10 5 5 22 20 7 10-	485 149 103 80 43 35 75 19.5 <b>253</b> 175 41 20 22 2 2 1 2 10-	136 33 44 44 5 6 4 18.8 51 27 21 - - - - - - - - - - - - - - - - - -	44         700           43         300           46         400           48         900           47         900           38         700           39         200           33         200           37         400           30         500           27         600           23         000           25         100           25         100           25         500           35         600	48         300           46         500           49         300           51         300           49         900           44         200           48         800           37         900           41         000           35         300           31         000           32         300           31         200           27         200           35         000
SELECTED CHARACTERISTICS         Complete plumbing for exclusive use         1.01 or more persons per room         Lacking complete plumbing for exclusive use         1.01 or more persons per room         Hearing equipment         Central hearing system         Air conditioning         Central hearing system         Income in 1975 below poverty level         Percent below poverty level	<b>37 305</b> 683 <b>538</b> 30 <b>37 821</b> 34 046 <b>16 104</b> 5 213 <b>2 772</b> 7.3	1 352 59 263 12 1 605 882 293 27 467 28.9	4 574 143 168 11 4 742 3 681 1 148 131 712 15.0	6 707 166 91 7 6 798 5 928 2 245 308 609 9.0	6 712 119 - 6 700 6 210 2 983 581 409 6.1	6 221 91 14 6 235 5 895 2 947 771 267 4.3	4 658 41 2 4 660 4 496 2 358 832 142 3.0	4 675 51 	1 481 7 - 1 481 1 465 916 667 50 3.4	738 6 - 738 719 546 393 12 1.6	187 - 187 179 139 116 12 6.4	38         900           27         700           10         400           13         800           38         600           40         500           44         200           59         300           22         200	42 600 32 100 13 700 14 600 42 200 44 100 49 000 64 300 27 700 

## Table A - 2. Gross Rent of Renter-Occupied Housing Units: 1980

[Doto are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see oppendixes A and B]

		Less thon	\$100 to	\$150 to	\$200 to	\$250 to	\$300 to	\$350 to	\$400 to	\$500 or	No cash	Medion
The SMSA	Total	\$100	\$149	\$199	\$249	\$299	\$349	\$399	\$499	more	rent	(dollors)
Specified renter-occupied housing units	17 977	2 636	2 815	3 496	3 240	2 404	1 130	458	287	147	1 364	189
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Married-couple families 15 to 24 yeors	7 222 1 393	<b>254</b> 14	<b>922</b>	1 521 314	1 505 361	1 208 327	<b>623</b> 151	<b>227</b> 13	206 17	99	657 55	222 229
25 to 34 yeors 35 to 44 years	2 465 912	50 13	243 103	482 174	563 168	476 121	244 117	118 58	83 47	27 33	55 179 78	234 240
45 to 64 years	1 476 976	58	224 211	321 230	282 131	176 108	97 14	26	46	32	214	206
65 yeors ond over Mole householder, no wife present	3 423	119 467	659	688	569	488	203	12 80	13 46 20	24	131 199	168 184
15 to 24 years 25 to 34 years	655 971	42 29	108	151 197	152 247	97 223	43 87	20 23 15	20 13	15 2	31	206 224
35 to 44 years 45 to 64 years	456 663	43 123	84 157	114 135	40 76	90 58	43 30	15 9	5	- 7	22 60	185 159
65 years and over	678 7 332	230	191	91	54 1 166	20 708	304	13	35	-	79	120
Female householder, no husbond present 15 to 24 yeors	854	1 915 118	1 234 117	1 287 212	195	113	51	151 17	-	24	508 31	161 192
25 to 34 years35 to 44 years	1 317 654	115 98	146 112	269 94	363 120	244 93	97 46	31 41	7 10	- 4	45 36	218 202
45 to 64 yeors65 years ond over	1 688 2 819	358 1 226	399 460	345 367	185 303	162 96	51 59	42 20	6 12	5 15	135 261	153
Medion oge	41.0	69.1	53.1	37.5	32.5	30.8	31.4	35.5	35.3	43.1	56.0	
YEAR HOUSEHOLDER MOVED INTO UNIT 1979 to March 1980	6 814	611	680	1 237	1 455	1 335	692	313	180	95	216	228
1975 to 1978	5 811	792	954	1 385	1 095	792	351	95	89	22	236	186
1970 to 1974 1960 to 1969	2 445 1 559	706 289	513 364	456 268	353 201	120 117	56 14	30 11	5	4 20	206 270	137 149
1959 or eorlier	1 348	238	304	150	136	40	17	9	12	6	436	139
ROOMS	759	464	170	45	31	6	_	_	19	7	17	88
2 rooms 3 rooms	1 295 3 847	489 933	278 768	262 864	151 668	50 322	18 74	8 32	- 4	-	39 182	119
4 rooms	5 411	394	882	1 205	1 044 702	918	429	111	40	15	373	157 202 217
5 rooms6 rooms	1 980	260 65	496 153	769 267	484	633 391	325 207	166 84	39 98	25 12	261 219	243
7 or more rooms Medion	1 009	31 2.9	68 3.7	84 4.0	160 4.2	84 4.4	77 4.6	57 5.0	87 5.9	88 7.0	273 4.8	266
PLUMBING FACILITIES BY PERSONS PER ROOM												
AND POVERTY STATUS IN 1979 All income levels in 1979	17 977	2 636	2 815	3 496	3 240	2 404	1 130	458	287	147	1 364	189
Complete plumbing for exclusive use	17 176	2 355	2 615	3 380	3 190	2 376	1 126	458	280	147	1 249	193
0.50 or less 0.51 to 1.00	10 477 6 178	1 606 717	1 679 874	1 941 1 342	1 884 1 187	1 405 889	641 444	191 240	138 123	98 49	894 313	187 200
1.01 to 1.50 1.51 or more	461 60	32	62	84 13	79 40	82	39 2	27	19	_	37 5	220 209
Locking complete plumbing for exclusive use 0.50 or less	801 376	281 113	200 78	116	50 37	28 10	4 2	-	7	_	115 62	110 128
0.51 to 1.00	388	168	106	40	13	13	2	-	7	-	39	102
1.01 to 1.50	24 13	-	10 6	2	-	5	-	-	_	-	7 7	113 135
Income in 1979 below poverty level Complete plumbing for exclusive use	<b>4 206</b> 3 813	1 409 1 243	644 568	<b>714</b> 662	<b>572</b> 553	<b>339</b> 328	135 133	<b>45</b> 45	<b>48</b> 41	<b>11</b> 11	<b>289</b> 229	140 148
1.01 or more persons per room	183	25	32	15	41	39	7	45	5	-	13	212
Locking complete plumbing for exclusive use 1.01 or more persons per room	393 18	166	76	52 -	19	11 5	2	-	_	_	60 7	100 139
BEDROOMS												
None	873 6 378	488 1 486	194	84	49 1 103 1 375	6 572	6 118	50	19 11	7	20 254	92 160
2	6 960 3 167	437 187	912 315	1 396 502	1 375 636	1 265 502	684 275	221 160	61 163	34 56	575 371	218 236
45 or more	478 121	38	45	64	62 15	47	39	27	28	28 22	100 44	235 285
UNITS IN STRUCTURE	121	-	0		15	12	0	_	5	22	44	205
1, detached or ottoched	5 648	297	743	969	1 087	781	370	208	155	93	945	221
2 3 and 4	4 042 2 583	228 272	753 430	1 082 672	863 516	588 365	168 202	98 37	17 58	14	231 31	191 193
5 to 9 10 to 49	1 896	404 465	361 186	393 193	330 189	208 251	144 179	29 57	9 36	2 31	16 50	173   190
50 or more Mobile home or trailer, etc	1 513 658	951 19	272 70	92 95	109 146	37 174	7 60	17 12	5	7	16 75	88 239
YEAR STRUCTURE BUILT	0.00		,0	,,,	140	174	00	12	,		,5	207
1975 to Morch 1980 1970 to 1974	1 694 1 732	401 631	179 225	211	218	258	223 97	56 64	41 37	40 12	67 48	204 144
1960 to 1969	1 641	445	191	148 201	256 192	214 270	141	64 33 34	18	24	126	179
1950 to 1959 1940 to 1949	1 141 2 144	130 244	156 251	170 537	255 470	182 330	76 117	49	30 30	17 5	91 111	214 199
1939 or eorlier	9 625	785	1 813	2 229	1 849	1 150	476	222	131	49	-921	189
STORIES IN STRUCTURE 1 to 3	16 119	1 585	2 470	3 314	3 086	2 342	1 093	448	282	1,47	1 352	200
4 or more With elevotor	1 858 1 543	1 051 1 023	345 253	182 90	154 114	62 37	37 2	10	5	-	12 12	93 86
GROSS RENT AS PERCENTAGE OF HOUSEHOLD			200	, 3		07	-		5			
INCOME IN 1979 Less thon 15 percent	4 171	638	922	1 179	683	469	211	35	18	16		172
15 to 19 percent	2 841	448	435	526	586	496	227	55	44	24		201
20 to 24 percent25 to 29 percent	2 463 1 488	528 381	342 243	384 258	521 276	393 146	153 93	70 61	49 16	23 14		174
30 to 34 percent 35 to 49 percent	1 125 1 836	168 251	190 360	178 303	224 350	178 288	93 130	39 81	32 49	23 24		208 201
50 percent or moreNot computed	2 435 1 618	147 75	288 35	616 52	562 38	421 13	189 34	117	74 5	21 2	1 364	212
Median	22.4	21.8	20.5	20.2	23.2	22.9	23.6	31.0	32.Ž	28.4		
SELECTED CHARACTERISTICS Heating equipment	17 939	2 621	2 797	3 496	3 240	2 399	1 130	458	287	147	1 364	190
Centrol heating system Air conditioning	13 800 6 248	2 091 997	1 724 729	2 381 1 021	2 647 1 208	2 090 897	1 005 551	415 204	276 83	147 88	1 024 470	204 206
Central system	1 457	224	106	138	154	267	258	106	48	71	85	265

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## Table A -3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Ooto ore estimotes based on a somple, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

					He	usehold incor	ne in 1979						
The SMSA	Totol	Less thon \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Medion (dollors)	Meon (dollors)	Income in 1979 below poverty level
Owner-occupied hausing units	48 401	4 817	6 898	3 254	3 097	7 637	7 503	9 702	3 916	1 577	19 005	20 698	3 772
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER         Married-couple families         15 to 24 years         25 to 34 years         35 to 44 years         45 to 64 years         65 years ond over         Male householder, no wife present         15 to 24 years         25 to 34 years         25 to 34 years         35 to 44 years         25 to 34 years         35 to 64 years         65 years ond over         Femole householder, no husband present         15 to 24 years         35 to 44 years         45 to 64 years         55 years ond over         65 years ond over	<b>35</b> 124 1 245 7 559 6 451 13 654 6 215 <b>3 850</b> 1 368 1 368 1 368 1 368 1 368 1 368 1 368 1 368 1 368 1 368 2 512 512 627 3 124 5 112 53.0	1 129 47 116 305 5542 7 37 330 3 132 30 66 60 107 827 2 102 68.5	3 272 133 242 289 637 1 971 778 33 36 10 253 446 2 848 15 155 166 824 1 648 67.6	1 962 73 321 208 582 778 393 11 15 1 25 141 165 899 3 3 50 46 393 399 407 61.2	2 265 114 287 311 895 658 243 164 266 262 589 - 355 800 227 247 57.3	6 086 430 1 854 1 056 1 833 647 41 138 84 259 904 - 964 19 381 308 45.0	6 566 261 262 2 579 480 501 21 34 73 74 436 	8 818 174 2 224 2 144 3 770 506 444 33 42 135 188 8 66 66 66 66 66 66 51 188 51 150 45.1	<b>3 576</b> 13 460 792 2 076 2 076 2 35 78 33 160 5 7 7 9 69 49.5	1 450 71 270 977 1322 88 6 6 6 7 29 40 39 - - 23 16 53.8	21 935 18 335 22 171 24 916 24 9916 24 9916 11 910 14 537 16 371 17 283 21 875 16 277 8 331 21 875 16 277 8 331 27 442 4 412 9 885 12 201 9 470 6 097 	<b>23</b> 918 17 947 22 857 26 143 27 913 15 317 16 711 17 747 18 552 21 960 17 745 13 227 10 331 6 838 12 136 12 924 11 748 9 003 	1 278 62 201 277 362 376 388 7 37 16 120 208 2 106 24 132 154 682 1 114 62.8
YEAR HOUSEHOLDER MOVED INTO UNIT           1979 to March 1980	3 872 9 881 8 301 10 050 16 297	257 538 526 795 2 701	337 914 874 1 183 3 590	215 603 496 579 1 361	263 496 520 636 1 182	818 2 002 1 556 1 254 2 007	784 1 989 1 415 1 635 1 680	839 2 338 1 954 2 450 2 121	259 771 668 1 095 1 123	100 230 292 423 532	20 263 20 913 20 546 21 458 13 550	21 398 21 786 22 256 23 276 17 490	299 628 505 725 1 615
SELECTED CHARACTERISTICS         Complete plumbing for exclusive use         1.01 or more persons per room         Locking complete plumbing for exclusive use         1.01 or more persons per room         Heating equipment         Centrol heoting system         Centrol system         Vehicles available         1         2 or more         House heating fuel         Utility gos         Bottled, tonk, or LP gos         Electricity         Fuel oil, kerosene, etc.         Other	47 438 940 963 67 48 373 42 772 19 957 6 358 43 637 15 644 27 993 48 373 30 683 494 8 163 6 906 2 127 5.7	4 533 38 284 14 811 3 655 1 012 252 2 523 1 924 599 4 811 3 267 63 459 673 329 5.1	6 607 53 291 17 6 888 5 732 2 109 518 5 206 3 713 1 493 6 888 4 841 90 547 1 003 407 5.3	3 198 87 56 2 749 2 749 2 400 2 900 1 732 1 168 3 254 2 160 24 446 449 175 5.4	3 052 31 45 11 3 097 2 671 1 189 354 2 999 1 591 1 408 3097 2 062 333 400 439 163 5.6	7 503 170 134 7 6 721 3 055 699 7 459 2 813 4 646 7 637 4 326 112 1 589 1 246 364 5.5	7 431 187 72 2 7 499 6 909 3 503 958 7 427 1 964 5 463 7 499 4 539 83 1 549 1 054 549 1 054 549 1 054 538	9 638 249 64 14 9 062 4 791 1 3062 9 642 1 300 8 252 9 694 5 654 652 2 247 1 414 317 6.0	3 901 103 15 2 3 916 3 733 2 233 1 010 3 906 3 444 3 562 3 916 2 663 19 704 445 85 6.4	1 575 22 2 1 577 1 540 1 014 632 1 575 1 73 1 402 1 577 1 151 8 222 183 13 13 7.2	19         211           22         230           8         294           13         068           19         007           10         21           20         434           13         12           24         213           19         007           18         395           21         932           18         482           14         839	20 890 23 664 11 234 14 055 20 702 21 515 22 305 22 236 15 005 22 702 20 626 17 575 23 070 19 926 15 947 	3 508 110 264 31 3 766 2 797 196 2 328 1 518 810 3 766 2 414 56 479 521 296 5.1
Specified awner-occupied housing units	37 843	3 639	5 155	2 369	2 368	5 765	6 044	8 024	3 246	1 233	19 679	20 961	2 772
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS           With a mortgage           Less than \$200           \$200 to \$249           \$330 to \$249           \$330 to \$349           \$350 to \$299           \$350 to \$399           \$400 to \$499           \$500 to \$599           \$500 to \$599           \$500 to \$599           \$500 to \$549           \$500 to \$549           \$500 to \$549           \$500 to \$549           \$750 or more           Median           Less than \$50           \$500 to \$74           \$750 to \$74           \$500 to \$74           \$250 to \$149           \$125 to \$149           \$200 to \$249           \$220 to \$249           \$250 or more           Median	17 209 2 888 2 981 2 989 2 502 1 785 2 350 896 567 291 \$296 20 634 422 2 784 5 848 5 390 3 307 2 240 2 478 165 \$106	666 289 86 101 74 58 43 3 2 10 \$226 <b>2 973</b> 217 764 916 564 208 208 34 10 \$29	<b>956</b> 288 169 121 83 71 12 12 5 \$249 <b>4</b> <b>199</b> 110 810 810 810 810 1 521 1 075 424 223 24 22 254	696 180 214 136 62 37 48 6 \$239 1 673 1 22 258 527 419 273 142 273 142 29 101 \$102 101 \$105 105 105 105 105 105 105 105	857 227 184 166 118 62 57 27 16 57 27 16 512 384 194 194 194 166 22 5102 384 194	3 146 622 645 416 339 339 115 55 8 \$281 <b>2 619</b> 25 319 771 653 467 3100 52 222 \$107	3 514 526 623 571 334 560 167 2 2 530 225 567 858 483 483 483 483 487 67 111	4 924 586 727 761 782 593 844 196 51 \$325 3 100 17 703 936 736 736 736 736 736 108 233 \$118	1 842 221 239 258 292 187 286 109 \$335 1 404 9 9 57 210 389 351 316 62 62 0 5128	608 21 51 75 66 355 102 73 65 120 \$460 625 2 4 101 112 119 166 80 41 \$145	22 988 19 066 22 072 23 8165 25 294 27 803 31 040 41 375 4 8573 8 673 12 310 16 673 12 310 16 687 20 316 21 250 25 687 20 993 	24 504 19 664 22 162 23 036 24 661 24 032 31 370 35 607 47 215 18 507 18 507 18 507 11 165 15 548 24 558 24 558 31 155 31 155 37 467 	772 269 120 138 101 61 63 3 2 15 \$249 2 000 161 502 545 400 190 169 25 8 \$90
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979         With a mortgage Less than 15 percent         15 to 19 percent         20 to 24 percent         30 to 34 percent or more         Not computed         Medion         15 to 19 percent         30 to 34 percent         31 to 19 percent         32 to 29 percent         33 percent or more         Not computed         Medion         15 to 19 percent         30 to 34 percent         33 to 34 percent         34 percent or more         Not computed         Mot computed         Mot computed         Mot 29 percent         30 to 34 percent         35 percent or more         Not computed         Medion	<b>17 209</b> 6 957 3 938 2 537 1 508 559 1 637 733 17.0 <b>20 634</b> 1 323 3 744 3 300 1 263 102 10-	666 - 12 7 7 13 31 530 73 50+ 2 973 20 93 243 480 556 274 1 205 505 102 30.8	<b>956</b> 55 11 108 103 588 40.9 4 <b>199</b> 366 1 485 1 360 642 181 107 58 58 15.9	696 28 85 191 160 91 141 <b>26.4</b> <b>673</b> 575 736 268 78 78 78 79 9 -	857 115 251 251 147 49 123 22.8 1511 892 494 108 17 - - - - - - - 10-	3 146 675 983 685 488 152 191 19. 19. 7 2 619 2 024 532 47 16 - - - 10-	<b>3 514</b> 1 451 999 576 81 370 81 37 16.5 <b>2 530</b> 2 369 152 9 9 - - - - - - 10-	4 924 2 720 1 377 578 175 47 27 14.3 3 000 3 0.48 52 - - - - - 10-	1 842 1 414 254 47 5 - - - - - - - - - - - - - - - - - -	608 479 93 36    625 625         10	<b>22</b> 988 28 485 23 582 20 326 18 284 15 114 7 153 2500 <b>14 935</b> 23 506 10 659 7 423 5 757 7 4093 4 200 2 691 2500 	<b>24 504</b> 31 414 24 727 21 776 18 711 15 015 8 503 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	<b>772</b> 19 4 30 25 37 584 73 50+ <b>2 600</b> 19 78 135 232 235 196 1 003 102 36.8

## Table A-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Ooto ore estimates based on a somple, see introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

					Ho	usehold incor	ne in 1979						
The SMSA	Totol	Less thon \$5,000	\$5,000 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 (dollars)	Meon (dollors)	Income in 1979 below poverty level
Renter-occupied housing units	19 131	5 134	4 543	1 886	1 521	2 472	1 671	1 482	305	117	9 872	12 144	4 461
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER           Morried-couple families           15 to 24 years           25 to 34 years           45 to 64 years           45 to 64 years           55 years and over           Mole householder, no wife present           15 to 24 years           25 to 34 years           55 years and over           Female householder, no husband present           15 to 24 years           35 to 44 years           35 to 44 years           44 years           45 to 64 years           46 to 64 years           47 to 64 years           48 to 64 years           49 to 64 years           45 to 64 years	8 009 1 480 2 741 1 094 1 648 1 046 3 599 467 710 710 720 716 7 523 866 1 347 669 1 758 2 883	661 115 202 51 116 117 860 111 83 75 233 358 3 613 398 364 281 729 1 841	1 660 291 352 157 340 520 829 211 132 78 156 252 2 054 205 410 202 575 661	908 222 255 140 174 117 335 98 155 22 35 25 643 133 218 59 109 124	824 212 269 163 71 272 61 127 11 52 21 21 21 425 43 121 56 115 90	1 424 313 589 161 304 57 616 92 312 112 89 111 432 50 139 42 108 93	<b>1 167</b> 185 510 215 218 39 <b>319</b> 35 92 76 80 36 80 36 <b>185</b> 21 44 - 73	1 064 113 484 209 216 42 276 65 74 71 13 13 13 142 15 41 15 41 29 37 20	<b>233</b> 11 69 42 94 17 <b>58</b> 4 26 14 14 - <b>14</b> - <b>14</b> - 10 - -	68 18 11 10 23 6 <b>34</b> - 18 8 8 8 - - - - 12 2 3	14         853           13         821           16         993           17         500           15         393           8         365           10         421           15         17           17         423           8         831           5         304           5         304           5         304           5         304           5         304           5         304           5         304           5         304           5         304	<b>16 336</b> 15 065 17 632 17 384 10 726 <b>18 596</b> 17 384 10 726 <b>18 866</b> 16 343 17 196 1 966 1 966 1 966 7 <b>349</b> 7 267 7 780 8 096 5 756	925 169 286 116 187 626 136 56 46 174 214 2910 406 457 331 678 1038
Median age	40.9	62.2	50.6	32.1	32.9	31.5	34.1	33.9	40.8	40.9	•••		49.6
YEAR HOUSEHOLDER MOVED INTO UNIT           1979 to March 1980           1975 to 1978           1970 to 1974           1960 to 1969           1959 or earlier	7 071 6 176 2 645 1 749 1 490	1 588 1 563 967 512 504	1 751 1 295 600 517 380	813 646 197 109 121	696 482 118 118 107	1 028 833 344 149 118	579 620 212 153 107	467 610 159 154 92	88 101 38 29 49	61 26 10 8 12	10 604 10 890 7 801 8 169 7 683	12 366 12 831 10 683 11 644 11 426	1 708 1 313 664 399 377
PLUMBING FACILITIES BY PERSONS PER ROOM           Complete plumbing far exclusive use           0.50 or less           1.51 or more           Lacking complete plumbing for exclusive use           0.51 to 1.00           1.51 or more           0.55 to 1.00           1.51 or more           0.50 or less           0.51 to 1.00           1.51 or more           0.50 or mere           0.50 or mere           1.51 or more           1.51 or more           1.51 or more	<b>18 127</b> 10 988 6 595 484 60 <b>1 004</b> 434 496 61 13	<b>4 691</b> 3 210 1 389 87 5 <b>443</b> 211 205 21 6	<b>4 233</b> 2 765 1 389 64 15 <b>310</b> 128 168 14	<b>1 823</b> 1 165 573 74 11 <b>63</b> 26 30 - 7	1 451 769 604 68 10 70 19 37 14	2 434 1 388 969 60 17 38 19 18 1 8	<b>1 648</b> 769 810 69 - <b>23</b> 2 19 2 -	<b>1 427</b> 716 647 62 2 <b>55</b> 29 19 7 -	<b>303</b> 136 167 - <b>2</b> - 2 - 2	117 70 47 - - - - -	<b>10 191</b> 9 071 12 267 13 125 12 273 <b>5 753</b> 5 268 5 853 6 696 10 179	<b>12 385</b> 11 385 13 934 13 993 12 359 <b>7 793</b> 7 455 7 692 11 045 7 707	<b>3 992</b> 2 224 1 578 172 18 <b>469</b> 177 244 35 13
SELECTED CHARACTERISTICS         Hearing equipment         Centrol heoring system         Air conditioning         Centrol system         Vehicles avoiloble         1         2 or more         House hearing fuel         Utility gos         Bottled, tonk, or LP gos         Electricity         Fuel oii, kerosene, etc.         Other	19 091 14 559 6 505 1 501 13 462 8 267 5 195 19 091 13 357 142 3 872 1 057 663	5 119 3 731 1 408 318 1 714 1 472 242 5 119 3 662 39 1 038 179 201	4 531 3 279 1 390 256 3 058 2 383 675 4 531 3 216 34 904 255 122	1 886 1 397 680 160 1 535 1 106 429 1 886 1 306 17 391 82 90	<b>1 516</b> 1 152 <b>507</b> 122 <b>1 419</b> 942 477 <b>1 516</b> 1 076 	2 466 1 971 947 204 2 291 1 242 1 049 2 466 1 627 19 537 204 79	1 669 1 387 679 88 1 583 587 996 1 669 1 261 238 108 41	1 482 1 296 691 225 1 452 404 1 048 1 482 961 4 331 130 56	<b>305</b> 232 <b>144</b> 94 <b>305</b> 94 211 <b>305</b> 178 - 99 20 8	117 114 59 34 105 37 68 117 70 8 36 	9 879 10 482 11 671 12 838 13 247 10 630 18 515 9 879 9 665 9 688 9 970 12 896 10 236	12 150 12 742 13 959 16 454 14 852 12 024 19 353 12 150 11 865 14 052 12 638 14 021 11 665	4 456 3 012 913 202 1 868 1 438 430 4 456 3 258 43 701 241 241
Medion rooms	4.1	3.5	4.1	4.2	4.4	4.3	4.7	4.9	5.Ŭ	4.3			3.8
Specified renter-occupied housing units	17 977	4 943	4 284	1 746	1 432	2 305	1 526	1 343	284	114	9 709	12 011	4 206
CONTRACT RENT           Less thon \$100           \$100 to \$149           \$150 to \$199           \$200 to \$249           \$250 to \$299           \$300 to \$349           \$300 to \$499           \$400 to \$499           \$500 or more           No cosh rent	5 363 4 111 3 746 1 907 1 011 259 105 89 22 1 364 \$130	2 682 1 002 562 225 66 32 2 5 - 367 \$86	1 285 1 114 922 431 163 5 26 - 338 \$125	311 428 513 216 95 46 5 132 \$155	280 361 360 152 107 13 4 10 - 145 \$150	374 470 709 308 237 18 4 32 - 153 \$158	204 397 303 132 46 18 5 7 82 \$161	171 293 280 203 157 68 49 6 7 109 \$175	53 22 43 63 35 18 2 13 	3 24 25 6 19 13 - 13 8 3 \$215	4 999 9 720 11 896 13 840 16 359 22 689 24 712 17 269 28 929 9 609 	7 960 11 866 13 228 15 376 17 982 22 170 21 491 27 028 33 978 11 911 	2 080 910 611 208 78 23 2 5 - 289 \$93
GROSS RENT													
Less than \$100	2 636 2 815 3 496 3 240 2 404 1 130 458 287 147 1 364 \$189	1 901 872 764 532 295 151 23 31 7 367 \$122	466 1 004 872 807 487 151 104 44 11 338 \$177	89 235 432 407 222 136 50 38 5 132 \$206	76 199 287 350 229 59 60 15 12 145 \$214	54 233 505 561 448 195 89 43 24 153 \$228	24 105 391 289 360 160 59 40 16 82 \$236	26 140 197 226 283 225 45 58 34 109 \$254	- 27 39 48 46 23 18 9 35 \$281	- 9 29 32 7 5 5 29 3 \$272	3 928 7 498 10 648 11 726 14 662 16 429 14 667 16 211 24 583 9 609 	4 924 9 547 12 177 13 147 15 893 17 357 16 364 18 169 28 049 11 911 	1 409 644 714 572 339 135 45 48 11 289 \$140
INCOME IN 1979								1.000			01	00.000	
Less than 15 percent           15 to 19 percent           20 to 24 percent           30 to 34 percent           30 to 34 percent           55 to 49 percent           50 percent or more           Not camputed           Median	4 171 2 841 2 463 1 488 1 125 1 836 2 435 1 618 22.4	103 294 482 433 308 704 1 998 621 46.1	315 531 615 608 512 937 428 338 29.2	258 335 453 221 203 135 9 132 22.4	355 340 404 93 47 48 145 19.2	850 739 393 114 44 12 153 16.5	915 429 79 10 11 - 82 13.4	1 037 151 37 9 - - 109 11.3	242 7 - - 35 10-	96 15 - - - - - - - - - - - - - - - - - -	21 116 14 415 10 742 7 672 7 788 5 907 3 319 7 461 	22 009 14 464 10 698 8 182 7 955 6 184 3 355 9 909	154 215 293 317 233 581 1 870 543 50+

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## Table A = 5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Doto ore estimotes bosed on o somple, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see oppendixes A and 8]

	[Dota ore estimation	otes bosed on o	somple, see Intr	oduction. For m	eoning of symbo	ls, see Infroducti	on. For definition	ons of terms, see	e oppendixes A	ond 8 j	
The SMSA	Totol	Less thon \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Medion (dollors)
Specified owner-occupied housing units	17 209	2 888	2 941	2 989	2 502	1 785	2 350	896	567	291	296
PERSONS IN UNIT											
1 person2 persons	1 040 3 781	384 781	186 601	153 615	100 528	99 375	82 531	19 186	128	17 36	237 291
3 persons 4 persons	3 768 4 798	601 562	605 885	682 905	500 705	450 516	533 692	189 242	145 174	63 117	300 303
5 persons6 persons	2 464 908	339 172	502 139	346 171	438 147	257 55	304 136	165 58	66 19	47	305 292
7 persons	315	32 17	13 10	92 25	53 31	23 10	50 22	21	31	-	319 325
8 or more persons Medion	135 3.50	2.96	3.59	3.55	3.67	3.43	3.54	16 3.72	3.56	3.75	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families 15 to 24 years	14 956 587	2 255	2 545 73	2 603 81	2 258 84	1 558 110	2 118 124	840 39	516 7	263	302 342
25 to 34 years 35 to 44 years	5 329 4 046	391 577	725 628	921 718	896 697	758 394	974 557	377 254	219 127	68 94	335 307
45 to 64 years	4 561 433	1 057	1 041 78	791 92	551 30	252 44	447 16	170	151	101	262 236
65 years and over Male householder, no wife present	922 83	234	164	160 21	102 19	<b>99</b> 12	87 19	34	31	11	230 270 322
15 to 24 years 25 to 34 years	270	40	45	51	40	32	35	8	14	5	299
35 to 44 yeors 45 to 64 years	167 331	20 120	29 79	25 60	12 26	38 17	13 20	17 9	7	6 -	340 229
65 years ond over Female householder, no husband present	71 1 331	47 399	232	3 226	5 142	128	145	22	10 <b>20</b>	17	179 258
15 to 24 years 25 to 34 years	15 277	4 51	23	3 33	47	61	34	12	10	6	225 334 288
35 to 44 years 45 to 64 years	273 510	42 157	42 110	70 100	36 36	23 30	50 56	6 4	10	47	245
65 years ond over	256 <b>39.1</b>	145 48.7	50 43.3	20 <b>39.2</b>	23 36.9	13 34.2	5 34.9	35.4	37.5	41.1	190
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	2 191	91 504	135	297	218	363	579	244 397	181	83	399
1975 to 1978 1970 to 1974	5 666 4 190	565	715 983	956 880	1 029 697	693 395	1 044 391	112	210 103	118 64	332 281
1960 to 1969 1959 or earlier	3 753 1 409	1 202 526	806 302	675 181	407 151	247 87	247 89	109 34	34 39	26 -	242 230
ROOMS											
1 to 3 rooms4 rooms	116 1 216	47 403	22 269	23 157	4 176	8 88	6 89	- 9	25	6	225 238
5 rooms	4 101	954	896 1 098	759	572	431	361	82	37	9	263
6 rooms7 rooms	5 560 3 202	869 391	422	1 071 533	799 530	577 332	780   575	217 284	105 96	44	288 324
8 or more rooms Medion	3 014 6.1	224 5.5	234 5.8	446 6.0	421 6.1	349 6.1	539 6.4	304 7.0	304 7.6	193 8.2	376
YEAR STRUCTURE BUILT											
1975 to March 1980 1970 to 1974	2 380 1 905	78 67	76 276	265 371	384 356	314 295	655 304	326 80	200 80	82 76	411 333
1960 to 1969 1950 to 1959	2 541 2 027	352 431	468	430 357	402 226	268 187	329 220	157 107	93 64	42 23	303 274
1940 to 1949 1939 or earlier	1 577 6 779	328 1 632	342 1 367	290 1 276	238 896	128 593	176	36 190	25 105	14 54	270
VALUE	0777	1 032	1 307	1 2/0	070	575	000	170	105	54	205
Less than \$10,000	348	251	52	33	12	_	-	-	-	_	170
\$10,000 to \$19,999 \$20,000 to \$29,999	1 316 2 480	510 602	387 679	231 534	128 353	33 174	22 96	5 34	- 8	-	219 247
\$30,000 to \$39,999 \$40,000 to \$49,999	2 829 3 316	587 578	599 637	604 560	407 495	349 389	244 540	27 90	12 27	_	269 290
\$50,000 to \$59,999 \$60,000 to \$79,999	2 532 2 796	198 146	308 227	444 352	509 462	284 415	536 616	211 310	20 216	22 52	331 375
\$80,000 to \$99,999 \$100,000 to \$149,999	971 485	12	41	219 12	93 31	114 25	180 102	123 74	149 116	40 114	403 583
\$150,000 or more Median	136 \$44 700	4 \$31 200	\$35 600	\$41 900	12 \$46 000	23 2 \$48 200	14 \$53 700	22 \$65 600	19 \$80 100	63 \$118 800	711
SELECTED MONTHLY OWNER COSTS AS	ф <del>44</del> 700	<b>\$51 200</b>	\$35 000			\$40 200	\$33 <b>700</b>	403 000	400 IO0	\$110 000	
PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less thon 15 percent15 to 19 percent	6 957 3 938	2 056 266	1 828 483	1 399 822	880 794	336 585	313 680	89 139	34 107	22 62	239 325
20 to 24 percent 25 to 29 percent	2 537 1 508	165 75	259 136	323 109	373 181	384 212	539 469	283 159	133 114	78 53	369 409
30 to 34 percent35 percent or more	559 1 637	72 233	40	88 239	40 214	69 195	107 235	73 153	52 127	18 58	379 338
Not computed Medion	73 17.0	21 11.3	12 13.5	9 15.6	20 17.3	173 4 19.7	235 7 21.7	23.9	25.4	23.9	269
SELECTED CHARACTERISTICS	17.0	11.5	10.5	15.0	17.5	17.7	21.7	20.7	23.4	20.7	
Heating equipment	17 205	2 888	2 941	2 989	2 502	1 781	2 350	896	567	291	296
Steom or hot water system Centrol worm-air fumace or electric heot pump	817 12 382	115 2 085	72 2 230	142 2 142	133 1 743	65 1 239	120 1 701	72 596	58 406	40 240	330 294
Other built-in electric units Floor, woll, or pipeless fumoce	2 468 247	137 83	356 65	453 38	482 17	352	406 26	182 9	89	11	330 231
Other meansAir conditioning	1 291 8 141	468 1 104	218 1 337	214 1 372	127 1 153	116 911	97 1 155	37 480	14 377	252	241 311
Centrol system1 or more individual room units	2 664 5 477	216 888	260 1 077	283 1 089	331 822	302 609	541 614	271 209	268 109	192 60	390 286
House heating fuelUtility gosUtility g	<b>17 205</b> 10 663	<b>2 888</b> 2 284	<b>2 941</b> 2 104	2 989 1 892	2 5C2 1 447	1 781 1 003	2 350 1 127	896 414	567 255	291 137	<b>296</b> 275
8ottled, tank, or LP gos	73	3	10	34	16	4	6	-	-	137	285
Electricity Fuel oil, kerasene, etc Other	4 106 1 913	232 209	435 319	601 382	664 318	551 201	879 326	360 85	246 57	138	361 307 245
Other	450	160	73	80	57	22	12	37	9	-	245

## Table A-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

	(Ooto ore estimote	s bosed on o somp	le, see Introduction	on. For meoning	of symbols, see li	ntroduction. For	definitions of term	s, see oppendixes	A ond 8]	
The SMSA	Totol	Less thon \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Medion (dollors)
Specified owner-occupied housing units	20 634	422	2 784	5 848	5 390	3 307	2 240	478	165	106
PERSONS IN UNIT										
1 person2 persons	5 290 8 716	301 102	1 268 1 109	1 791 2 638	1 049 2 464	452 1 327	340 874	69 147	20 55	90 105
3 persons	3 235	8	243	811	880	695	448	106	43	116
4 persons5 persons	2 008 869	1	113 26	408 125	605 270	482 241	275 157	94 38	30 12	120 126
6 persons	344	-	19	48	81	74	98	19	5	133
7 persons 8 or more persons	144 28	10	6	27	30 11	35	31 17	5	_	124 159
Medion	2.08	1.20	1.61	1.93	2.17	2.41	2.39	2.72	2.67	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Morried-couple families	12 749	106	1 185	3 339	3 564	2 448	1 627	358	122	112
15 to 24 yeors 25 to 34 yeors	112 655	3	32 74	45 140	185	17 137	6 91	23	2	84 115
35 to 44 yeors	1 078	12	62	194 1 477	319	229	199	63	-	121
45 to 64 yeors65 yeors ond over	6 429 4 475	39 45	420 597	1 477	1 854 1 202	1 438 627	920 411	199 72	82 38	117
Mole householder, no wife present	1 823	129	330	637 12	405	188	89	42	3	93 81
15 to 24 years 25 to 34 years	18 95	6	20	39	13	15	- 8	_	-	93 86
35 to 44 yeors 45 to 64 yeors	107 668	20 30	16 84	39 256	26 182	6 65	- 31	20	-	86 96
65 years and over	935	73	210	291	184	102	50	22	3	91
Femole householder, no husband present 15 to 24 yeors	6 062 2	187	1 269	1 872	1 421 2	671	524	78	40	96 113
25 to 34 yeors	67	4	4	13	29	9	6	-	2	111
35 to 44 yeors 45 to 64 yeors	203 1 944	21	275	33 573	85 548	50 280	28 202	37	7 8	120 105
65 years ond over	3 846 63.2	162 69.2	990 68.6	1 253 65.5	757 61.8	332 59.4	288 59.2	41 57.1	23 61.0	90
Median age	03.2	07.2	06.0	03.5	01.0	39.4	37.2	57.1	01.0	
YEAR HOUSEHOLDER MOVED INTO UNIT		<b>A</b> (			100			10		100
1979 to Morch 1980 1975 to 1978	498 1 552	24 25	55 217	163 407	109 367	94 270	43 195	10 67	- 4	102 109
1970 to 1974	2 144	58	264	475	542	347	335	90	33	113
1960 to 1969 1959 or earlier	4 696 11 744	96 219	519	1 079 3 724	1 409 2 963	838 1 758	579 1 088	138	38 90	112
ROOMS										
1 to 3 rooms	437	78	141	116	71	16	14	,		75
4 rooms	2 967	160	758	1 012	602	263	120	33	19	89
5 rooms6 rooms	6 330 6 643	93 31	996 619	1 990 1 962	1 631 1 878	956 1 237	559 763	84 136	21 17	101 109
7 rooms	2 523	40	155	525	799	446	411	107	40	117
8 or more rooms Medion	1 734 5.6	20 4.3	115 5.0	243 5.4	409 5.7	389 5.8	373 6.1	117 6.4	68 7.1	130
YEAR STRUCTURE BUILT	0.0			5	517					
1975 to Morch 1980	521	13	47	104	121	79	123	30	4	120
1970 to 1974	554	8	31	137	131	104	106	29	8	119
1960 to 1969 1950 to 1959	2 049 3 324	21 46	198 364	359 787	603 859	427 714	328 454	84 71	29 29	119 114
1940 to 1949	1 777	46	266	591	455	202	179	28	10	99
1939 or eorlier	12 409	288	1 878	3 870	3 221	1 781	1 050	236	85	101
VALUE										
Less thon \$10,000\$10,000 to \$19,999	1 267 3 426	143 128	371 680	318 1 062	200 794	127 434	63 254	27 58	18 36	84 96
\$20,000 to \$29,999	4 318	106	668	1 355	1 224	536	345	60	24	101
\$30,000 to \$39,999 \$40,000 to \$49,999	3 883 2 919	21 10	576 319	1 292 768	1 009 877	643 555	314 331	27 59	1	101
\$50,000 to \$59,999	2 128	14	125	630	587	404	311	45	12	113
\$60,000 to \$79,999 \$80,000 to \$99,999	1 879 510	-	43 2	383 40	571 97	421 128	349 170	99 53	13 20	122
\$100,000 to \$149,999	253	-	-	-	22	57	94	46	34	175
\$150,000 or more Median	51 \$33 200	\$14 900	\$24 300	\$31 400	9 \$35 000	2 \$38 600	9 \$43 300	4 \$50 900	27 \$79 400	250+
SELECTED MONTHLY OWNER COSTS AS	,	Ţ, 700		40. 400	,	,		,,	,	
PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less thon 10 percent	11 323	222	1 464	3 194	3 092	1 942	1 137	221	51	106
10 to 14 percent 15 to 19 percent	3 544 2 035	75 61	445 308	1 096 554	837 540	509 313	439 194	118 50	25 15	105 104
20 to 24 percent	1 233	11	275	288	307	170	125	26	31	103
25 to 29 percent 30 to 34 percent	744 390	14	133 45	313 98	146 97	74 70	48 69	14	2	93 113
35 percent or more	1 263	26	109	284	364	205	201	42	-32	115
Not computed Medion	102 10—	13 10—	5 10—	21 10—	7 10—	24 10-	27 10—	5 10.7	17.2	130
SELECTED CHARACTERISTICS										
Heating equipment	20 616	412	2 776	5 848	5 390	3 307	2 240	478	165	106
Steom or hot woter system	1 148	12	75	270	333	244	132	44	38	116
Centrol worm-oir furnoce or electric heat pump Other built-in electric units	15 418 913	110	1 815 84	4 426 239	4 247 298	2 614 127	1 769	322 37	115	108 111
Floor, wall, or pipeless furnoce	653	53	205	157	138	36	41	23	-	86
Other meansAir canditioning	2 484 7 963	231 56	597 827	756 2 229	374 2 201	286 1 414	182 917	52 232	6 87	89 110
Centrol system	2 549	7	162	510	671	561	446	127	65	122
1 or more individual room units House heating fuel	5 414 20 616	49 412	665 2 776	1 719 5 848	1 530 5 390	853 3 307	471 2 240	105 478	22 165	104 106
Utility gas	15 658	285	2 343	4 868	4 140	2 262	1 386	271	103	102
Bottled, tonk, or LP nos Electricity	170 1 360	5 18	11	55 302	61 407	21 224	17 219	66	1Ĩ	106 115
Fuel oil, kerosene, etc.	2 573	19	130	360	550	751	579	133	51	133
Other	855	85	179	263	232	49	39	8	-	91

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## Table A -7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

		Ores bosed on o	wner-occupied	· · · · · · · · · · · · · · · · · · ·					enter-occupied h		-1	
The SMSA	Totol	1975 to Morch 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	· 1940 to 1959	1939 or eorlier
Occupied housing units	48 401	4 358	4 220	5 952	10 070	23 801	19 131	1 735	1 771	1 703	3 495	10 427
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER         Married-couple families         15 to 24 years         35 to 44 years         45 to 64 years         65 years and over         25 to 34 years         35 to 44 years         35 to 44 years         25 to 34 years         35 to 44 years         25 to 34 years         25 to 34 years         55 to 44 years         25 to 34 years         55 to 64 years         65 years and over         Female householder, no husband present         15 to 24 years         35 to 44 years         35 to 44 years         45 to 64 years         55 years and over         55 to 34 years         35 to 44 years         45 to 64 years         55 years and over         65 years and over         65 years and over         65 years and over         65 years and over	<b>35</b> 124 1 245 7 559 6 451 13 654 6 215 <b>3 850</b> 1 368 1 368 1 358 1 3	3 715 334 1 821 773 642 145 286 39 110 47 60 30 357 24 96 68 8117 52 33.7	3 467 201 1 279 839 269 291 20 93 54 79 45 462 19 97 28 158 158 160 38.4	4 779 190 803 1 120 2 087 579 412 25 75 98 140 74 761 25 30 280 376 48.8	7 521 219 1 266 1 077 3 560 1 399 718 37 93 64 253 271 1 831 5 86 188 757 795 54.8	15 642 301 2 390 2 602 6 526 3 823 2 143 2 143 47 184 47 184 47 184 47 184 941 6 016 2 2 183 290 0 1 812 3 729 58.4	8 009 1 480 2 741 1 094 1 648 1 046 3 599 677 1 019 467 720 716 7 523 866 1 347 669 1 758 2 883 40.9	<b>560</b> 106 207 53 75 119 <b>385</b> 65 138 59 47 76 <b>790</b> 124 128 35 121 382 <b>40.1</b>	601 153 232 36 103 77 294 41 81 82 876 68 81 45 114 568 53.3	<b>731</b> 162 235 114 100 <b>248</b> 49 76 37 56 30 <b>724</b> 42 112 52 112 52 112 403 <b>43.5</b>	1 590 401 679 197 251 62 570 570 136 234 78 63 359 1 335 252 379 145 274 285 32.0	4 527 658 1 388 694 1 119 668 2 102 350 481 289 513 469 3 798 380 647 392 1 134 1 245 44.5
YEAR HOUSEHOLDER MOVED INTO UNIT           1979 ta March 1980           1975 to 1978           1970 to 1974	3 872 9 881 8 301 10 050 16 297	1 379 2 979 - -	456 1 083 2 681 - -	375 1 053 1 093 3 431	535 1 561 1 324 2 124 4 526	1 127 3 205 3 203 4 495 11 771	7 071 6 176 2 645 1 749 1 490	1 044 691 – –	581 644 546 ~	580 535 325 263	1 497 1 191 403 225 179	3 369 3 115 1 371 1 261 1 311
ROOMS           1 rooms           2 rooms           3 rooms           5 rooms           5 rooms           6 rooms           7 or more rooms           Median	64 75 926 6 588 13 626 14 460 12 662 5.7	16 8 733 1 345 1 027 1 171 5.5	6 63 809 1 268 901 1 173 5.5	10 30 117 867 1 868 1 505 1 555 5.6	10 9 197 1 463 3 247 3 067 2 077 5.5	22 28 491 2 716 5 898 7 960 6 686 5.8	759 1 311 3 940 5 577 3 978 2 246 1 320 4.1	53 221 523 530 233 107 68 3.6	211 281 446 427 263 97 46 3.4	122 138 377 493 332 191 50 3.9	38 102 769 1 170 837 390 189 4.2	335 569 1 825 2 957 2 313 1 461 967 4.3
PLUMBING FACILITIES BY PERSONS PER ROOM           Complete plumbing for exclusive use           0.50 or less.           1.01 to 1.50.           1.51 or more.           Lacking complete plumbing for exclusive use           0.51 to 1.00.           1.01 to 1.50.           1.01 to 1.50.           1.01 to 1.50.           0.50 or less.           0.51 to 1.00.           1.01 to 1.50.           1.01 to 1.50.           1.01 to 1.50.           1.51 or more.	<b>47 438</b> 30 551 15 947 878 62 <b>963</b> 631 265 51 16	<b>4 307</b> 2 214 1 959 125 9 <b>51</b> 14 23 14	<b>4 202</b> 2 175 1 915 100 12 <b>18</b> - -	<b>5 888</b> 3 369 2 334 185 <b>64</b> 35 23 6 -	<b>9 948</b> 6 602 3 225 117 4 <b>122</b> 51 46 16 9	<b>23 093</b> 16 191 6 514 351 37 <b>708</b> 531 155 15 7	<b>18 127</b> 10 988 6 595 484 60 <b>1 004</b> 434 496 61 13	<b>1 706</b> 1 275 415 16 <b>29</b> 16 4 9	1 736 1 027 691 18 	1 666 882 732 50 2 <b>37</b> 19 18 -	3 355 1 808 1 441 86 20 140 55 78 7 -	9 664 5 996 3 316 314 38 763 331 374 45 13
PERSONS IN UNIT           1 person           2 persons           3 persons           4 persons           5 persons           6 or more persons           Medion           Total persons	8 336 16 085 9 077 8 257 4 246 2 400 2.49 139 494	358 1 087 1 053 1 159 477 224 3.20 14 497	436 1 093 958 1 000 494 239 3.11 13 635	810 1 837 1 125 1 241 558 381 2.79 18 425	1 520 3 756 1 960 1 629 828 377 2.44 28 360	5 212 8 312 3 981 3 228 1 889 1 179 2.30 64 577	7 383 5 340 2 770 2 063 869 706 1.91 41 844	901 523 146 99 34 32 1.46 2 923	939 396 198 180 24 34 1.44 3 205	699 456 212 193 103 40 1.83 3 721	1 026 1 057 686 398 210 118 2.18 8 504	3 818 2 908 1 528 1 193 498 482 1.98 23 491
UNITS IN STRUCTURE 1, detoched or ottoched 2 3 ond 4 5 to 9 10 to 49 50 or more Mobile home or trailer, etc.	42 964 1 419 426 129 135 23 3 305	3 276 21 20 13 18 1 010	2 827 24 40 3 13 7 1 306	5 073 32 42 10 24 771	9 692 156 38 15 24 1 144	22 096 1 186 286 88 56 15 74	6 802 4 042 2 583 1 896 1 637 1 513 658	272 49 125 293 395 431 170	296 68 112 113 403 583 196	545 118 114 217 225 303 181	1 643 676 582 359 163 22 50	4 046 3 131 1 650 914 451 174 61
SELECTED CHARACTERISTICS         Hearing equipment         Steom or hot water system         Central worm-air furnace or electric heat pump         Other built-in electric units         Hoor, wall, or pipeless furnace         Other means         Air conditioning         Central system         1 or more individual room units         Hoose heating fuel         Utility gos         Battled, tank, or LP gos         Electricity         Fuel ali, kerosene, etc.         Other         Income in 1979 below poverty level         Percent below poverty level	48         373           2         355           34         846           4         368           1         203           5         601           19         957           6         358           359         48           30         683           494         8           16         906           2         127           3         772           7.8         7.8	4 358 54 2 537 1 367 52 348 1 873 1 103 770 4 358 436 436 401 219 221 5.1	4 220 70 2 624 1 198 977 977 977 1 955 4 220 997 103 2 428 577 115 265 6.3	<b>5</b> 952 359 4 132 921 93 447 <b>2 866</b> 1 296 1 570 <b>5 952</b> 2 858 98 2 858 98 1 242 1 537 217 <b>359</b> 6.0	<b>10 070</b> 341 8 088 586 273 782 <b>4 731</b> 1 707 3 024 <b>10 070</b> 7 265 76 803 1 542 384 <b>596</b> 5.9	<b>23 773</b> 1 531 17 465 296 714 3 767 <b>8 515</b> 1 335 7 180 <b>23 773</b> 19 127 177 428 2 849 1 192 2 849 1 192 2 331 9.8	<b>19 091</b> 2 089 9 352 4 532 <b>6 505</b> 1 501 5 004 <b>19 091</b> 13 357 142 3 872 1 057 663 <b>4 661</b> 23.3	1 733 30 706 936 22 59 619 1 733 147 111 1 502 58 15 378 21.8	1 771 320 685 619 46 101 991 353 638 1 771 646 241 991 95 15 15 27.0	1 703 233 917 339 31 183 744 224 520 1 703 994 99 504 170 26 370 21.7	3 490 443 1 899 188 821 968 186 782 3 490 2 826 50 292 204 118 817 23.4	10 394 1 063 5 145 434 384 2 654 209 2 445 10 394 8 744 8 783 583 583 530 489 2 401 23.0
HOUSEHOLD INCOME IN 1979           Less than \$5,000	4 817 6 898 3 254 3 097 7 637 7 503 9 702 3 916 1 577 \$19 005 \$20 698	184 349 227 230 906 903 1 107 341 111 111 \$21 483 \$22 464	255 336 264 279 729 728 1 127 342 160 \$21 655 \$22 823	384 586 313 340 961 970 1 447 727 224 \$21 620 \$23 939	793 1 309 614 679 1 527 1 675 2 093 965 415 \$20 302 \$22 382	3 201 4 318 1 836 1 569 3 514 3 227 3 928 1 541 667 \$16 301 \$18 476	5 134 4 543 1 886 1 521 2 472 1 671 1 482 305 117 \$9 872 \$12 144	536 438 154 128 169 91 146 58 58 952 \$18 880	728 351 166 113 169 99 115 20 10 \$7 117 \$10 273	469 403 142 107 242 174 130 36 \$9 686 \$12 110	843 701 459 312 459 320 300 68 33 \$11 108 \$12 951	2 558 2 650 965 861 1 433 987 791 123 59 \$10 014 \$12 241

#### Table A - 8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

	(	wner-occupied h	ousing units				Re	ater-occupied	housing units			
The SMSA	Totol	l unit, detoched or ottoched	2 or more units	Mobile home or troiler, etc.	Total	l unit, detoched or ottoched	2 units	3 ond 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or troiler, etc.
Occupied housing units Condominium housing units	<b>48 401</b> 147	<b>42 964</b> 54	<b>2 132</b> 93	3 305	<b>19 131</b> 244	6 802 7	<b>4 042</b>	<b>2 583</b> 13	<b>1 896</b> 64	<b>1 637</b> 80	1 <b>513</b> 69	658
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Morried-couple families 15 to 24 yeors 25 to 34 yeors	<b>35 124</b> 1 245 7 559	<b>31 578</b> 799 6 486	1 206 55 198	2 340 391 875	<b>8 009</b> 1 480 2 741	<b>3 955</b> 543 1 365	1 814 355 658	<b>881</b> 271 324	<b>437</b> 72 142	<b>386</b> 105 97	<b>205</b> 14 16	<b>331</b> 120 139
25 to 64 yeors 45 to 64 yeors 65 yeors and over	6 451 13 654 6 215	5 873 12 675 5 745	161 526 266	417 453 204	1 094 1 648 1 046	693 905 449	180 415 206	69 113 104	82 79 62	56 67 61	25 150	14 44 14
Mole householder, no wife present 15 to 24 years 25 to 34 years	3 850 168 555	3 180 109 416	<b>266</b> 15 56	<b>404</b> 44 83	3 599 677 1 019	<b>1 073</b> 177 346	530 105 129	<b>501</b> 117 150	<b>521</b> 143 160	559 82 144	245 11 14	170 42 76
35 to 44 yeors 45 to 64 yeors 65 yeors ond over	408 1 358 1 361	299 1 162 1 194	25 84 86	84 112 81	467 720 716	87 241 222	115 96 85	80 87 67	56 87 75	97 138 98	16 49 155	16
Female householder, no husband present 15 to 24 yeors 25 to 34 years	9 427 52 512	8 206 17 361	660 7 39	561 28 112	7 523 866 1 347	1 774 204 378	1 698 165 363	1 201 149 210	938 146 208	692 132 129	1 063 12 3	14 157 58 56 9
35 to 44 years           45 to 64 years           65 years ond over	627 3 124 5 112	535 2 717 4 576	42 193 379	50 214 157	669 1 758 2 883	155 494 543	164 433 573	177 333 332	90 232 262	62 118 251	12 126 910	22 12
Median oge YEAR HOUSEHOLDER MOVED INTO UNIT 1979 to Morch 1980	<b>53.0</b>	<b>53.6</b> 2 996	<b>58.4</b>	<b>36.9</b> 692	<b>40.9</b> 7 071	<b>39.1</b> 2 100	<b>40.2</b>	<b>36.6</b> 1 186	<b>37.7</b> 822	<b>39.6</b> 762	<b>73.4</b> 389	<b>27.9</b> 376
1975 to 1978 1970 to 1974 1960 to 1969	9 881 8 301 10 050 16 297	8 062 7 077 9 442	418 318 337 875	1 401 906 271 35	6 176 2 645 1 749 1 490	2 236 948 762 756	1 223 457 455 471	774 298 190 135	647 204 169	559 170 84	519 518 75 12	218 50 14
1959 or eorlier ROOMS 1 room	64 75	15 387 46 41	7 14	11 20	759	15 121	471 11 112	27 188	54 121 185	62 259 171	322 501	4 33
2 rooms 3 rooms 4 rooms 5 rooms	926 6 588 13 626	561 4 681 11 703	14 181 447 682	184 1 460 1 241	3 940 5 577 3 978	694 1 602 1 793	754 1 580 1 031	830 941 441	535 549 362	446 523 159	607 55 23	33 74 327 169
6 rooms 7 or more rooms Medion	14 460 12 662 5.7	13 725 12 207 5.8	433 368 5.1	302 87 4.5	2 246 1 320 4,1	1 481 1 096 5.0	434 120 4.2	130 26 3.8	100 44 3.7	59 20 3.4		42 9 4.2
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use 0.50 or less	<b>47 438</b> 30 551	<b>42 153</b> 27 416	<b>2 031</b> 1 464	<b>3 254</b> 1 671	<b>18 127</b> 10 988	6 357 3 573	<b>3 912</b> 2 415	<b>2 527</b> 1 582	<b>1 796</b> 1 178	<b>1 474</b> 950	<b>1 448</b> 916	613 374
0.51 to 1.00 1.01 to 1.50 1.51 or more	15 947 878 62	13 923 760 54	554 13	1 470 105 8	6 595 484 60	2 579 181 24	1 373 124 -	853 72 20	545 68 5	500 15 9	525 7 -	220 17 2
Lacking complete plumbing for exclusive use 0.50 or less 0.51 to 1.00	963 631 265	811 549 213	<b>101</b> 74 24	51 8 28	1 004 434 496	<b>445</b> 197 192	130 83 40	<b>56</b> 42 14	100 33 67	163 28 135	<b>65</b> 39 20	45 12 28
1.01 to 1.50 1.51 or more BEDROOMS	51 16	45 4	3	6 9	61 13	56 -	7	-	-	-	6	5
None 1 2 3	68 2 194 15 201 24 265	50 1 628 12 246 22 638	7 394 864 661	11 172 2 091 966	873 6 532 7 321 3 579	28 1 154 2 648 2 279	26 1 431 1 869 630	66 1 313 943 233	131 837 683 228	289 585 651 110	329 1 108 68 8	4 104 459 91
4	5 577 1 096	5 344 1 058	174	59 6	649 177	550 143	58 28	233	11	2		-
Less thon \$5,000 \$5,000 to \$9,999 \$10,000 to \$12,499	4 817 6 898 3 254	4 186 6 022 2 727	272 390 223	359 486 304	5 134 4 543 1 886	1 304 1 544 679	921 956 455	682 576 274	604 525 201	574 314 152	916 440 57	133 188 68
\$12,500 to \$14,999 \$15,000 to \$19,999 \$20,000 to \$24,999	3 097 7 637 7 503	2 705 6 486 6 666	155 342 222	237 809 615	1 521 2 472 1 671	624 948 791	328 615 397	206 395 231	152 166 104	132 193 85	33 28 23	46 127 40
\$25,000 to \$34,999 \$35,000 to \$49,999 \$50,000 or more	9 702 3 916 1 577	8 970 3 697 1 505	330 147 51	402 72 21	1 482 305 117	719 150 43	283 56 31	153 30 36	115 29 -	157 25 5	16	39 15 2
Medion Mean SELECTED CHARACTERISTICS	\$19 005 \$20 698	\$19 502 \$21 095	\$15 374 \$19 098	\$16 542 \$16 568	\$9 872 \$12 144	\$12 036 \$13 886	\$10 791 \$12 652	\$10 306 \$12 519	\$8 526 \$10 315	\$8 610 \$11 167	\$4 467 \$5 618	\$10 294 \$12 255
Heating equipment Steam or hot water system Centrol warm-air furnoce or electric heat pump Other built in advertise units	<b>48 373</b> 2 355 34 846	42 942 2 199 31 090	2 126 155 1 400	3 305 1 2 356	<b>19 091</b> 2 089 9 352	6 790 192 4 034	4 036 241 2 161	<b>2 583</b> 214 1 206	1 876 495 584	1 637 381 558	<b>1 513</b> 564 422	656 2 387
Other built-in electric units Floor, woll, or pipeless furnoce Other means Air conditioning	4 368 1 203 5 601 <b>19 957</b>	3 837 1 024 4 792 <b>17 607</b>	79 86 406 <b>892</b>	452 93 403 <b>1 458</b>	2 516 602 4 532 6 505	520 342 1 702 <b>1 882</b>	137 111 1 386 <b>1 127</b>	277 84 802 <b>726</b>	410 22 365 <b>701</b>	562 9 127 <b>922</b>	466 20 41 <b>949</b>	144 14 109 <b>198</b>
Centrol system Vehicles avoilable	6 358 43 637 15 644	5 762 38 731 13 526	222 1 776 898	374 3 130 1 220	1 501 13 462 8 267	255 5 711 2 938	95 2 840 1 878	158 1 692 1 116	250 1 154 877	501 1 106 788	219 375 337	23 584 333
2 or more House heating fuel Utility gos	27 993 48 373 30 683	25 205 <b>42 942</b> 28 563	878 2 126 1 761	1 910 3 305 359	5 195 19 091 13 357	2 773 6 790 4 751	962 4 036 3 681	576 2 583 2 098	277 1 876 1 260	318 , <b>1 637</b> 714	38 1 <b>513</b> 745	251 656 108
8ottled, tank, or LP gas Electricity Fuel oil, kerasene, etc	494 8 163 6 906	319 6 232 5 850	14 195 112	161 1 736 944	142 3 872 1 057	54 705 764	33 226 30	22 427 17	7 555 23	8 900 13	757	18 302 210
Other Water heating fuel Utility gas Battled tank or IP acc	2 127 48 106 27 176	1 978 42 679 25 397	44 2 128 1 650	105 3 299 129	663 18 814 12 252	516 6 532 4 192	66 4 035 3 488	19 2 581 1 994	31 1 894 1 235	2 1 619 688 27	11 1 513 619	18 640 36
Bottled, tank, or LP gos Electricity Fuel oil, kerosene, etc Other	541 20 214 122 53	427 16 704 98 53	25 453 -	89 3 057 24	312 6 216 19	86 2 244 6 4	98 449 –	51 536 	22 636 1	27 898 6	12 882 	16 571 6 11
Fomily householder With own children under 18 years With own children under 6 years	<b>39 673</b> 18 257 7 147	35 554 16 206 6 071	<b>1 455</b> 495 158	<b>2 664</b> 1 556 918	10 982 6 052 3 261	<b>4 965</b> 3 045 1 548	<b>2 577</b> 1 314 729	1 332 643 355	<b>832</b> 459 251	600 300 170	234 49 37	<b>442</b> 242 171
Female householder, no husband present With own children under 18 years With own children under 6 years	<b>3 430</b> 1 137 176	2 990 880 125	<b>186</b> 79 5	<b>254</b> 178 46	<b>2 594</b> 1 760 676	<b>836</b> 567 216	705 445 178	<b>397</b> 272 73	<b>355</b> 247 83	188 148 76	<b>29</b> 18 6	84 63 44
Nonfomily householder Income in 1979 below poverty level Percent below poverty level	8 728 3 772 7.8	7 410 3 255 7.6	677 155 7.3	641 362 11.0	8 149 4 461 23.3	1 837 1 374 20.2	1 465 821 20.3	1 251 571 22.1	1 064 534 28.2	1 037 458 28.0	1 279 556 36.7	216 147 22.3
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[Doto ore estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

## Table A -9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Oato are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

	(Ooto ore estimo	tes bosed on o s	somple, see intro	oduction. For me	oning of symbols,	see introduction	h. For definition	is of terms, see	oppendixes A c	ind 8j	
The SMSA	Totol	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units Nonrelotives present	<b>48 401</b> 856	8 336	<b>16 085</b> 344	<b>9 077</b> 178	8 257 136	<b>4 246</b> 115	<b>1 608</b> 40	<b>576</b> 27	<b>216</b> 16	<b>2.49</b> 2.97	<b>139 494</b> 2 969
ROOMS           1 to 3 rooms	1 065 6 588 13 626 14 460 6 733 5 929 5.7	575 1 876 2 632 2 099 683 471 5.2	358 2 860 4 858 4 683 1 969 1 357 5.5	39 1 070 2 535 3 046 1 264 1 123 5.8	67 548 2 247 2 558 1 497 1 340 6.0	17 182 990 1 329 771 957 6.2	2 38 275 512 378 403 6.5	5 14 76 180 124 177 6.6	2 13 53 47 101 7.4	1.43 2.00 2.36 2.65 3.07 3.51	2 044 14 414 36 734 42 592 22 011 21 699 
PLUMBING FACILITIES BY PERSONS PER ROOM           Complete plumbing for exclusive use           1.00 or less           1.51 or more           Lacking complete plumbing for exclusive use           1.00 or less           1.00 or more           1.01 to 1.50	47 438 46 498 878 62 963 896 51 16	7 958 7 958 	<b>15 819</b> 15 808 11 <b>266</b> 263 3	8 958 8 954 4 - 119 119 - -	8 163 8 108 44 11 94 82 12 -	4 191 4 018 165 8 55 29 17 9	<b>1 581</b> 1 275 304 2 <b>27</b> 18 9 -	561 301 243 17 15 - 13 2	<b>207</b> 76 118 13 <b>9</b> 7 7	<b>2.50</b> 2.47 6.24 6.00 <b>1.89</b> 1.77 5.29 5.06	<b>137 114</b> 131 377 5 392 345 <b>2 380</b> 1 974 310 96
UNITS IN STRUCTURE 1, detoched or ottoched 2 or more Mobile home or troiler, etc.	42 964 2 132 3 305	7 118 627 591	14 289 758 1 038	7 968 351 758	7 539 197 521	3 801 148 297	1 498 26 84	548 15 13	203 10 3	2.51 2.08 2.53	123 288 6 692 9 514
Specified owner-occupied housing units           Less than \$10,000           \$10,000 to \$19,999           \$20,000 to \$29,999           \$30,000 to \$29,999           \$40,000 to \$49,999           \$50,000 to \$59,999           \$60,000 to \$59,999           \$80,000 to \$59,999           \$80,000 to \$59,999           \$100,000 to \$149,999           \$100,000 to \$149,999           \$100,000 to \$149,999           \$100,000 to \$149,999	<b>37 843</b> 1 615 4 742 6 798 6 712 6 235 4 660 4 675 1 481 738 187 \$38 600	6 330 476 1 484 1 405 1 064 869 513 398 83 29 9 \$27 800	12 497 555 1 529 2 575 2 260 1 888 1 455 1 486 469 213 67 \$37 000	7 003 200 685 1 052 1 295 1 370 944 943 276 205 33 \$41 900	6 806 220 526 951 1 121 1 240 1 092 1 078 376 154 48 \$44 100	3 333 112 359 467 604 519 461 510 192 92 17 \$42 400	1 252 28 71 234 273 215 162 193 55 21 - \$41 000	459 16 70 89 75 23 48 20 10 13 336 200	163 8 18 25 20 39 10 19 10 14 \$45 500	2.51 2.10 2.08 2.27 2.52 2.76 2.88 2.98 3.18 3.12 3.03	<b>107 121</b> 3 906 11 401 17 381 18 749 18 091 14 482 14 896 4 721 2 778 716 
SELECTED CHARACTERISTICS All income levels in 1979 Medion income Medion selected monthly owner costs os percentage of household income	<b>48 401</b> \$19 005 13,1	<b>8 336</b> \$6 649 19.6	<b>16 085</b> \$16 789	<b>9 077</b> \$22 163 11.6	<b>8 257</b> \$23 724 13.7	<b>4 246</b> \$24 566 13.2	<b>1 608</b> \$25 385 12.1	<b>576</b> \$27 708 13.2	<b>216</b> \$29 758 11.3	2.49	139 494 
With a mortgage	17.0 10 <b>3 772</b> \$3 180 41.8	27.7 18.2 <b>1 796</b> \$2 554 42.5	17.3 10— <b>890</b> \$3 185 39.9	17.2 10— <b>333</b> \$3 759 33.7	16.8 10	15.8 10— <b>190</b> \$5 745 50+	14.1 10	16.0 10— <b>61</b> \$8 542 35.3	11.9 10 \$6 641 31.4	1.60	
With a martgage Nat martgaged Renter-occupied housing units	50+ 36.8 <b>19 131</b>	50+ 40.6 7 383	50+ 36.5 5 340	50+ 25.5 2 770	50+ 23.9 2 063	50+ 50+ 869	31.7 22.8 <b>509</b>	45.0 14.8 <b>142</b>	13.5 32.5 <b>55</b>	  1.91	41 844
Nonrelotives present           ROOMS           1 room           2 rooms           3 rooms           5 rooms           5 rooms           7 or more rooms	759 1 311 3 940 5 577 3 978 2 246 1 320 4.1	- 732 1 112 2 477 1 690 817 351 204	653 16 156 1 137 2 035 1 156 556 284	189 11 37 226 1 037 844 371 244	93 	61 	61 - - - - - - - - - - - - - - - - - - -	12 - - 2 40 46 54	6 - - 15 - 19 21	2.32 1.02 1.09 1.30 2.04 2.52 3.08 3.20	2 971 766 1 459 5 549 12 161 10 568 7 032 4 309
PLUMBING FACILITIES BY PERSONS PER ROOM           Complete plumbing for exclusive use           1.00 or less           1.01 to 1.50           1.51 or more           1.00 or less           1.00 or less           1.01 to 1.50           1.51 or more	18 127 17 583 484 60 1 004 930 61 13	3.2 6 872 6 872 - 511 511 -	4.2 <b>5 181</b> 5 165 	4.6 <b>2 662</b> 2 621 30 11 <b>108</b> 101 7 -	5.0 <b>1 977</b> 1 900 77 - <b>86</b> 80 - 6	5.5 <b>798</b> 704 89 5 <b>71</b> 63 8 -	5.6 472 264 190 18 37 11 26 ~	6.1 <b>122</b> 52 68 2 <b>20</b> 2 18 -	6.2 43 5 30 8 12 3 2 7	<b>1.92</b> 1.87 5.74 5.10 <b>1.48</b> 1.41 6.10 8.5+	<b>39 805</b> 37 079 2 521 205 <b>2 039</b> 1 638 323 78
UNITS IN STRUCTURE 1, detoched or ottoched	6 802 4 042 2 583 1 896 1 637 1 513 658	1 642 1 320 1 107 954 940 1 269 151	1 850 1 294 820 513 414 178 271	1 232 679 335 221 150 30 123	1 046 461 218 124 99 29 66	559 147 66 33 18 7 39	329 83 32 45 16 - 4	101 31 - - - 4	43 7 5 - - -	2.45 2.04 1.72 1.49 1.37 1.10 2.16	18 176 8 956 5 086 3 624 2 689 1 839 1 474
GROSS RENT         Specified renter-occupied housing units           Less than \$100         \$149           \$100 to \$149         \$190           \$200 to \$249         \$200 to \$249           \$300 to \$349         \$299           \$300 to \$349         \$399           \$400 to \$499         \$300 to \$399           \$500 or more         \$00 or more           No cosh rent         \$Median	17 977 2 636 2 815 3 496 3 240 2 404 1 130 458 287 147 1 364 \$189	7 156 1 937 1 388 1 296 1 013 585 270 98 38 32 499 \$150	5 079 337 749 1 036 1 046 926 372 81 77 22 427 \$209	<b>2 583</b> 157 342 565 575 461 165 64 46 24 184 \$214	1 852 150 212 404 335 190 219 119 60 29 134 \$217	<b>712</b> 22 62 120 142 154 45 52 26 26 11 78 \$243	444 28 51 56 102 64 48 38 22 15 20 \$238	111 1 19 19 17 4 - 18 8 8 15 \$249	<b>40</b> 5  8 7 7 6  7 \$263	1.86 1.18 1.53 1.94 2.08 2.17 2.29 3.28 3.12 3.06 1.93	<b>38 595</b> 3 840 5 328 7 702 7 364 5 434 2 681 1 435 1 013 474 3 324 
SELECTED CHARACTERISTICS All income levels in 1979 Medion income Medion gross rent as percentage of household income Income in 1979 below poverty level Median income Median gross rent as percentage of household income _	<b>19 131</b> \$9 872 22.4 <b>4 461</b> \$3 196 50+	<b>7 383</b> \$5 774 26.5 <b>2 102</b> \$2 614 44.3	<b>5 340</b> \$12 352 19.9 <b>822</b> \$3 235 50+	<b>2 770</b> \$13 141 19.9 <b>592</b> \$3 228 50+	<b>2 063</b> \$13 555 19.5 <b>481</b> \$4 269 49.2	869 \$14 520 21.1 250 \$5 491 50+	<b>509</b> \$14 814 18.8 <b>152</b> \$5 800 45.0	<b>142</b> \$16 429 14.9 <b>44</b> \$5 476 39.0	<b>55</b> \$15 469 14.3 <b>18</b> \$11 429 35.4	1.91  1.66 	41 844   

	Medion oge	53.0	67.4 61.2 88.4 838.4 40.1 43.1	52.8 41.6 64.6 39.6	• • • • • • • • • • • • • • • • • • •	40.9	\$60.1 35.0 37.0 37.0 37.0 37.0 37.0 37.0	40.2 35.7 33.8 33.8	<b>410</b> 334.1 53.6 53.6 54.2 54.2 54.2
	65 yeors ond over	5 112	3 799 1 003 195 80 80 80 80 80 7 1.17	4 899 11 213	4 102 255 255 255 255 255 255 255 255 255 2	2 883	2 485 297 19 108 3 354	2 818 11 65 -	2 819 301 301 301 301 303 305 447 233 233 283 283 283 283 283 283 283 283
d present	45 to 64 yeors	3 124	1 741 784 325 130 79 65 719 5 719	3 076 16 48 -	2 454 880 880 880 8810 881 883 883 883 883 860 742 860 7425 860 7425 860 7425 860 7425 860 7425 860 860 860 860 860 860 860 860 860 860	1 758	1 156 331 172 173 6 14 14 2 777 2 777	1 662 22 96 -	<b>1</b> 688 277 190 174 1129 411 150 411 150 28 1
ler, no husbond	35 to 44 yeors	627	126 91 90 90 56 27 27 1 942	622 13 5	273 273 273 273 287 287 287 287 287 287 287 287 287 287	699	148 140 130 140 140 140 57 2.86 27 2 020	659 10 10	<b>554</b> 102 102 191 88 83 191 88 83 50 54 54 54 54 55 55 55 55 55 55 55 55 55
Femole householder,	25 to 34 yeors	512	1115 1119 1119 39 119 39 39 1 353	512 - -	25 25 25 25 25 25 25 27 10 27 10 27 10 27 10 27 27 27 10 27 10 27 10 27 10 27 10 27 10 27 10 27 10 27 10 27 10 27 10 26 10 27 10 26 10 27 10 26 10 27 10 26 26 26 26 26 26 26 26 26 26 26 26 26	1 347	490 361 361 361 360 70 70 36 70 70 70 70 70	1 326 54 21	<b>1 317</b> 121 121 146 146 146 146 146 146 146 146 146 14
Fe	15 to 24 years	52	1.83 1.83 1.83 1.83	52	10 33 33 33 33 32 32 32 32 32 32 32 32 32	866	347 327 327 327 112 178 1.76 1.76	818 18 48 6	854 87 263 263 263 263 263 263 263 263 263 263
	65 yeors ond over	1 361	1 029 184 115 29 4 4 1.16	1 252 109 -	1 006 71 71 23 23 23 23 24 24 23 23 23 24 24 28 28 28 28 28 28 169 128 128	716	621 53 36 36 1.08 1.08	554 - 162 -	<b>678</b> 858 858 858 858 858 858 858 858 858 8
ife present	45 to 64 yeors	1 358	826 297 158 40 17 17 20 20 20 353	1 283 7 75 3	999 161 161 128 128 128 128 128 128 128 128 128 12	720	593 89 21 15 11 15 907	610 2 -	<b>6</b> 88 88 88 88 88 88 88 88 88 88 88 88 88
N ON	35 to 44 yeors	408	201 87 63 14 14 1.53 866	398 1 10	274 274 57 265 265 266 266 1007 1007 1007 1007 1007	467	330 51 53 13 13 13 13 121 757	440 13 27	<b>456</b> 101 333 333 335 101 101 101 335 337 337 337 337 337 337 337 337 337
Mole householder,	25 to 34 yeors	555	388 384 32 32 895 895	555 7 -	365 365 47 47 47 86 8 8 8 8 8 8 35 5 5 5 5 5 5 5 5 5 5 5 5	1 019	702 269 38 38 5 5 5 1.23 1 262	960 55 -	971 189 151 189 151 189 189 189 189 189 189 189 189 189 18
	15 to 24 years	168	3.42 8 3.42 6 5 9 4 1 4 3 8 6 5 9 4 1 4 3 1 4 8 3 1 4 8 3 1 4 8 3 1 4 8 3 1 4 8 3 1 4 8 3 1 4 8 3 14 8 3 14 8 3 14 8 3 14 8 9 14 8 14 8 14 8 14 8 14 14 14 14 14 14 14 14 14 14 14 14 14	- 136 65 13	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	677	511 32 32 116 818	- - 28 9	2116 88 117 124 88 117 124 88 117 124 88 117 124 88 117 124 88 117 124 88 124 88 124 124 88 124 124 124 124 124 124 124 124 124 124
	65 years ond over	é 215	5 015 916 157 74 53 2,12 14 243	6 063 26 152	4 908 433 150 150 150 153 154 194 194 194 1122 133 133 133 132 10.9	1 046	882 80 68 68 12 12 12 2.09 2.09 2.09	982 4 4 6 4	<b>37</b> 38 39 25 27 28 28 28 28 28 28 28 28 28 28 28 28 28
	45 to 64 yeors	13 654	6 057 3 470 2 143 1 163 821 43 462	13 481 298 173 10	2 860 2 844 2 844 2 844 2 850 2 850 2 850 2 850 2 850 2 850 2 850 2 850 2 850 2 850 2 850 2 850	1 648	687 428 133 151 5 183	1 552 78 96 21	<b>1</b> 569 1565 111 111 111 111 111 111 111 111 11
e fomilie:	35 to 44 years	6 451	360 360 2 390 1 61 1 059 1 059 28 447	6 377 352 74 32	<b>5</b> 124 1 939 1 939 1 939 1 939 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 094	131 209 207 240 4.17 484	1 047 115 47 10	285 28 2 3 3 2 <b>2</b> 2 3 2 2 2 3 2 2 2 3 2 2 2 3 2 2 2 2 2 3 2 2 2 2
Morried-couple	25 to 34 yeors	7 559	1 310 1 936 2 876 1 121 316 316 27 357	7 478 193 81 17	5 5 329 5 329 5 329 5 1 1 455 5 1 1 455 5 1 1 274 5 1 1 274 5 1 1 2 1 1 2 1 1 1 1 2 1 1 1 2 1 1 1 1	2 741	800 - 800 - 792 323 333 854 854 854	2 637 132 104 23	<b>2</b> 595 109 109 203 203
	15 to 24 years	1 245	569 207 11 207 11 207 207 207 207 207 207 207 207 207 207	1 235 10 10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 450	788 477 195 13 201 3765 3765	1 422 58 58	1 334 237 237 237 237 237 237 237 237 237 237
Morried-couple	Totol	48 401	8 336 9 077 9 077 8 257 4 257 4 246 2 400 2 494 139 494	47 438 940 67	<b>37</b> 843 <b>37</b> 843 <b>37</b> 843 3 957 3 957 3 957 3 957 5 559 1 5508 1 5508 1 3 23 3 444 7 233 7 244 7 253 7 268 7 268 7 268 7 268 7 268 7 268 7 268 7 268 7 268 7 268 7 268 7 268 7 268	16 131	7 383 5 340 2 770 2 063 869 706 1.91 1.91 844	18 127 544 1 004 74	<b>17 977</b> 4 171 2 484 1 486 1 488 2 483 2 4
	The SMSA	Owner-occupied housing units	PERSONS IN UNIT   person	PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD NICOME IN 1979 Specified owner-occupied housing units	Renter-occupied housing units	PERSONS IN UNIT 1 person 3 persons 4 persons 6 or more persons 0 or more persons 1001 persons	PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 Special renter-occupied housing units 15 to 17 percent

## Table A -- 11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Doto are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

				Mole hous	eholder					Femole hou	seholder		
The SMSA	Totol	Totol	15 to 24 yeors	25 to 34 yeors	35 to 44 years	45 to 64 yeors	65 years and over	Total	15 to 24 yeors	25 to 34 yeors	35 to 44 yeors	45 to 64 yeors	65 yeors and over
Owner-occupied housing units	8 336	2 535	91	388	201	826	1 029	5 801	20	115	1.96	1 741	3 799
PLUMBING FACILITIES Complete plumbing for exclusive use Locking complete plumbing for exclusive use	7 958 378	2 354 181	78 13	388 _	191 10	758 68	939 90	5 604 197	20	115	126	1 712 29	3 <b>63</b> 1 168
UNITS IN STRUCTURE 1, detoched or ottoched 2 or more Mobile home or troiler, etc	7 118 627 591	2 061 181 293	60 31	282 46 60	136 17 48	692 61 73	891 57 81	5 057 446 298	1 7 .12	84 5 26	104 15 7	1 517 107 117	3 351 312 136
HOUSEHOLD INCOME IN 1979           Less than \$5,000	3 159 2 625 760 420 596 387 233 84 72 \$6 649 \$9 535	481 644 279 190 363 275 196 65 42 \$11 277 \$14 058	7 27 16 20 14 7 	28 29 39 62 93 16 23 6 \$16 324 \$17 233	23 10 18 11 43 22 63 5 6 \$17 750 \$19 763	99 188 91 54 167 111 94 22 - \$14 120 \$14 831	324 390 131 47 41 35 16 15 30 \$6 944 \$11 167	2 678 1 981 481 230 233 112 37 19 30 \$5 475 \$7 558	12 8 - - - - - - - - - - - - - - - - - -	6 57 15 3 13 21 - - \$9 714 \$12 389	23 54  20 29  - - \$9 103 \$10 047	672 597 211 95 96 45 7 4 14 \$6 556 \$7 991	1 965 1 265 255 112 95 46 30 15 15 16 \$4 892 \$7 140
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS Specified owner-occupied housing units	6 330	1 775	54	253	129	597	742	4 555	1	84	96	1 351	3 023
With a mortgage           Less thon \$200           \$200 to \$249           \$250 to \$249           \$350 to \$349           \$350 to \$349           \$350 to \$399           \$400 to \$499           \$500 to \$599           \$600 to \$749	1 040 384 186 153 100 99 82 19	<b>498</b> 160 83 74 58 48 45 19	<b>41</b> 7 5 - 9 12 8 -	<b>204</b> 40 41 39 30 22 19 8	<b>78</b> 12 13 9 14 6 6	<b>136</b> 68 25 21 5 - 12 5 -	39 33 - 1 5 - -	<b>542</b> 224 103 79 42 51 37 	1 - - 1 -	69 11 6 14 6 13 13 	<b>56</b> 6 11 18 7 14 	<b>232</b> 104 45 41 9 14 19 	184 103 41 6 20 9 5 
\$750 or more Medion Not morfgaged	17 \$237 <b>5 290</b> 301 1 268 1 791 1 049 452 340 69	11 \$254 <b>1 277</b> 243 458 236 117 67 28	\$347 13 6 - 7 - - -	\$277 <b>49</b> 7 26 8 8 -	6 \$311 20 9 17 5 	\$200 461 28 60 174 113 53 27 6	\$164 <b>703</b> 73 167 234 110 56 40 22	6 \$223 4 013 174 1 025 1 333 813 335 273 41	\$375 - - - - - - -	\$329 <b>15</b> 4 5 - 6 -	\$281 40 - 5 24 5 6 -	\$213 1 119 21 219 373 271 108 108 13	\$192 <b>2 83</b> 9 153 802 950 518 216 159 28
\$250 or more Median SELECTED CHARACTERISTICS	20 \$90	\$90	\$77	\$92 	\$65	\$95	1 \$87	19 \$90	-	\$92	\$116	6 \$96	13 \$87
Median selected monthly owner costs as percentage of household income in 1979	<b>19.6</b> 27.7 18.2 <b>1 796</b> 21.5	<b>13.7</b> 21.1 11.2 <b>275</b> 10.8	<b>26.7</b> 30.4 10— <b>7</b> 7.7	18.3 20.9 10— <b>28</b> 7.2	<b>15.4</b> 23.3 10— 11 5.5	10— 17.8 10— 60 7.3	<b>14.7</b> 22.7 14.5 <b>169</b> 16.4	<b>22.2</b> 35.3 20.7 <b>1 521</b> 26.2	50+ 50+ 6 30.0	<b>23.3</b> 24.6 13.5 <b>6</b> 5.2	<b>25.9</b> 28.8 14.5 <b>18</b> 14.3	<b>21.1</b> 34.4 18.7 <b>490</b> 28.1	<b>22.4</b> 42.9 21.4 <b>1 001</b> 26.3
Renter-occupied housing units	7 383	2 757	511	702	330	593	621	4 626	347	490	148	1 156	2 485
PLUMBING FACILITIES Complete plumbing for exclusive use Locking complete plumbing for exclusive use	6 872 511	2 396 361	474 37	651 51	310 20	497 96	464 157	4 476 150	318 29	490 _	142 6	1 093 63	2 433 52
UNITS IN STRUCTURE           1, detached or oftoched           2           3 and 4           5 to 9           10 to 49           50 or more           Mobile home or troiler, etc.	1 642 1 320 1 107 954 940 1 269 151	766 385 373 418 479 235 101	132 78 84 117 67 11 22	237 68 100 106 129 14 48	47 80 50 49 89 6 9	181 81 81 112 49 8	169 78 58 65 82 155 14	876 935 734 536 461 1 034 50	68 41 59 84 70 6 19	125 161 69 77 48 3 7	32 22 55 16 16 7	264 264 269 139 89 126 5	387 447 282 220 238 899 12
HOUSEHOLD INCOME IN 1979           Less thom \$5,000           \$5,000 to \$9,999           \$10,000 to \$12,499           \$12,500 to \$14,999           \$20,000 to \$14,999           \$20,000 to \$24,999           \$25,000 to \$34,999           \$25,000 to \$34,999           \$25,000 to \$34,999           \$36,000 to \$44,999           \$25,000 to \$34,999           \$36,000 to \$49,999	3 343 1 992 636 374 627 203 167 19 22	776 692 276 214 462 165 134 19 19	96 190 89 36 66 19 15 -	66 96 129 118 226 35 20 6 6	53 56 11 3 91 48 54 6 8	233 130 29 40 68 47 34 7 5	328 220 18 17 11 16 11 -	2 567 1 300 160 165 38 33 - 3	128 130 57 12 15 5 -	40 147 165 63 51 8 16 -	68 42 13 8 12 - 5 -	554 431 65 46 38 12 7 - 3	1 777 550 60 31 49 13 5 -
Medion Mean	\$5 774 \$7 919	\$9 368 \$11 152	\$9 189 \$9 729	\$13 771 \$14 338	\$17 550 \$17 382	\$6 960 \$10 273	\$4 806 \$6 252	\$4 657 \$5 992	\$6 223 \$6 998	\$10 879 \$10 869	\$5 750 \$6 446	\$5 269 \$6 315	\$4 054 \$4 713
GROSS RENT         Specified renter-occupied housing units           Less than \$100         \$100 to \$149           \$150 to \$199         \$200 to \$249           \$200 to \$249         \$250 to \$299           \$300 to \$349         \$350 to \$379           \$400 to \$499         \$500 or more           No cosh rent         Median           SELECTED CHARACTERISTICS         \$200	7 156 1 937 1 388 1 296 1 013 585 270 98 38 32 499 \$150	2 631 434 546 523 422 321 129 57 27 12 160 \$173	489 34 84 117 128 70 31 6 7 5 5 7 \$202	662 29 95 143 187 123 39 18 12 	<b>327</b> 38 51 89 27 61 33 11 1 1 16 \$183	<b>555</b> 112 157 95 48 47 26 9 7 7 7 47 \$143	<b>598</b> 221 159 79 32 20 - 13 - 74 \$110	4 525 1 503 842 773 591 264 141 41 11 20 339 \$135	<b>347</b> 38 73 81 83 36 10 7 - - 19 \$185	<b>485</b> 13 45 127 149 69 52 8 2 20 \$218	148 15 46 27 36 8 6 - 2 - 8 \$176	1 118 289 276 256 91 78 25 16 - 5 82 \$140	2 427 1 148 402 282 73 48 10 7 15 210 \$98
Median gross rent as percentage of household income in 1979	<b>26.5</b> <b>2 102</b> 28.5	<b>21.7</b> <b>501</b> 18.2	<b>25.0</b> 95 18.6	18.5 37 5.3	16.1 23 7.0	<b>26.7</b> <b>163</b> 27.5	<b>23.6</b> 183 29.5	<b>28.7</b> 1 <b>601</b> 34.6	<b>29.5</b> <b>82</b> 23.6	<b>25.3</b> 31 6.3	<b>30.7</b> <b>60</b> 40.5	<b>29.2</b> <b>460</b> 39.8	<b>29.2</b> 968 39.0

#### Table A-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Ooto ore estimotes based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see oppendixes A and 8]

The SMSA	Totol	Less thon 2 months	2 up to 6 months	6 or more months	The SMSA	Totol	Less thon 2 months	2 up to 6 months	6 or more months
Vocont for sole only housing units	525	112	159	254	Vacant for rent housing units	1 457	462	532	463
ROOMS					ROOMS				
1 to 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms 8 or more rooms Medion	27 78 95 240 32 53 5.8	23 33 43 - 13 5.5	5 18 35 74 15 12 5.8	22 37 123 17 28 5.8	1 room 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms 7 or more rooms Medion	91 85 375 444 276 132 54 3.9	30 26 114 160 109 12 11 3.9	33 26 141 170 72 84 6 3.9	28 33 120 114 95 36 37 3.9
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use Locking complete plumbing for exclusive use	497 28	112	159	226 28	Complete plumbing for exclusive use Locking complete plumbing for exclusive use	1 336 121	430 32	502 30	404
BEDROOMS						121	52	30	57
None	40 122 305 42 16	- 40 62 - 10	- 11 39 99 10 -	29 43 144 32 6	BEDROOMS None 1 2 3 4	100 521 613 169 37	30 122 234 70 6	40 218 203 56 11	30 181 176 43 20
YEAR STRUCTURE BUILT					5 or more	17	-	4	13
1975 to Morch 1980           1970 to 1974           1960 to 1969           1950 to 1959           1940 to 1949           1939 or eorlier           UNITS IN STRUCTURE	79 25 49 74 77 221	34 10 20 5  43	17 7 13 26 24 72	28 8 16 43 53 106	YEAR STRUCTURE BUILT           1975 to Morch 1980	121 93 147 62 182 852	66 42 53 18 51 232	27 42 29 21 64 349	28 9 65 23 67 271
1, detached or ottoched	444	95	133	216	UNITS IN STRUCTURE				
2 or more Mobile home or troiler HEATING EQUIPMENT	62 19	6 11	19 7	37 1	1, detached or ottached 2 3 ond 4	497 242 262	116 68 79	172 105 92	209 69 91
Centrol heoting system Other means None	452 64 9	100 12 -	139 15 5	213 37 4	5 to 9 10 to 49 50 or more Mobile home or troiler	142 146 66 102	50 66 27 56	63 61 17 22	29 19 22 24
PRICE ASKED					RENT ASKED				
Specified vecont for sole only housing units           Less thon \$10,000	<b>438</b> 43 59 64 57 88 68 37 22 2 \$39 500	94 	131 20 	213 23 31 32 41 51 14 6 15 5 \$37 200	Specified vocant for rent housing units           Less than \$100           \$100 to \$149           \$200 to \$249           \$200 to \$249           \$300 to \$399           \$400 or more           Medion	1 438 345 423 345 194 96 27 8 \$138	<b>447</b> 70 119 142 58 47 11 	<b>532</b> 154 151 133 71 21 2 \$124	459 121 153 70 65 28 14 8 \$124

## Table A-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Ooto ore estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see oppendixes A and 8]

		Price osked	— Specified	vocont for s	ole only hou	sing units		Rent osked-Specified vocont for rent housing units							
The SMSA	Totol	Less thon \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Medion (dollars)	Totol	Less thon \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Medion (dollors)	
Totol	438	43	123	145	127	-	39 500	1 438	345	768	290	27	8	138	
PLUMBING FACILITIES															
Complete plumbing for exclusive use Locking complete plumbing for exclusive use	416 22	27 16	117 6	145	127	_	41 300 10000—	1 318 120	284 61	709 59	290	27		149 89	
BEDROOMS															
None 1 2 3 4 5 or more	9 97 275 41 16	9 10 24 -	40 69 14		15 83 19 10		10000 26 800 42 400 49 100 56 000	100 521 613 156 31 17	33 173 119 18 2 -	67 244 320 116 13 8	85 163 20 13 9	19 3 2 3 -	- 8 - -	113 119 155 148 201 201	
YEAR STRUCTURE BUILT	71	_		28	43	_	52 200	121	25	28	50	18	_	209	
1970 to 1974 1960 to 1969 1950 to 1969 1940 to 1949 1939 or eorlier	9 44 74 77 163	- - 14 29	12 14 31 66	28 6 30 23 58	43 9 26 30 9 10		84 400 52 500 39 600 28 200 26 800	93 147 52 179 846	16 71 17 23 193	58 29 27 110 516	19 47 6 46 122	- 2 - 7	- - - 8	151 113 109 129 138	
UNITS IN STRUCTURE															
1, detoched or ottoched 2 or more Mobile home or troiler	438 	43 	123 	145 	127 	_ 	39 500 	478 858 102	111 202 32	261 466 41	94 167 29	4 23	8	130 143 128	

#### 370-12 WHEELING, W. VA.-OHIO SMSA

#### METROPOLITAN HOUSING CHARACTERISTICS

## Table B-1. Value of Owner-Occupied Housing Units: 1980

[Dato ore estimotes based on o somple, see Introduction. For meoning of symbols, see Introduction. For definitions of terms, see oppendixes A ond B]

	[Dato ore estimot	es based on	o somple, see	e Introduction	For meonin	g of symbols,	see introduc	tion. For def	initions of ter	ms, see oppen	dixes A ond B]		
Wheeling city	Totol	Less thon \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Medion (dollors)	Meon (dollors)
Specified owner-occupied housing units	8 473	213	889	1 253	1 517	1 517	1 128	1 149	442	283	82	42 100	46 600
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER           Married-couple families           15 to 24 yeors           35 to 34 yeors           35 to 34 yeors           45 to 64 years           45 to 64 years           65 years and over           Male householder, no write present           15 to 24 yeors           25 to 34 yeors           55 to 34 yeors           35 to 44 years           45 to 64 years           55 years ond over           Female householder, no husbond present           15 to 24 yeors           25 to 34 yeors           35 to 44 years           65 years ond over           Female householder, no husbond present           15 to 24 yeors           25 to 34 yeors           35 to 44 years           55 to 54 yeors           25 to 34 yeors           35 to 44 years           55 to 64 yeors           45 to 64 yeors           55 yeors ond over           Median oge	5 817 5 817 990 946 2 538 1 224 608 233 70 70 178 258 2 048 125 55.7	133 21 54 58 27 - 5 5 5 5 7 7 5 3 - - 29 24 6 3.5	404 	<b>736</b> 266 87 100 268 255 119 6 8 9 9 32 54 <b>398</b> <b>398</b> <b>398</b> <b>398</b> <b>398</b> <b>615</b>	1 017 20 189 134 458 216 89 7 5 32 411 - 10 11 11 136 255 57.5	1 039 46 236 182 400 175 97 6 11 11 11 11 11 11 11 25 44 381 - 20 49 49 154 154 52.5	868 21 155 154 371 167 <b>59</b> 14 14 12 33 <b>201</b> - 7 7 25 64 64 105 <b>55.0</b>	902 6 163 178 378 378 378 378 378 4 15 36 168 168 13 64 8 3 64 83 52.6	<b>393</b> 58 113 182 40 6 - - - 3 3 3 13 10 12 46.7	<b>257</b> 266 444 167 200 9 - - 5 4 - 17 - 11 11 6 5 <b>1.4</b>	68 	45         500           44         000           51         700           46         400           53         600           27         300           42         300           27         400           36         900           35         200	50         600           42         000           49         000           57         900           53         000           42         000           35         800           35         800           34         700           34         700           34         700           34         700           36         900           38         300           -         -           41         100           57         300           37         700           36         300
YEAR         HOUSEHOLDER         MOVED         INTO         UNIT           1979         to         Morch         1980         1980         1970         1978         1970         1974         1974         1960         1974         1969         1969         1959         or orfiler         1959         or orfiler         1959         1950<	568 1 397 1 345 1 870 3 293	- 38 19 44 112	35 119 109 203 423	59 176 217 264 537	46 250 229 318 674	117 306 190 279 625	111 145 236 235 401	111 168 170 327 373	65 112 67 120 78	13 75 90 58 47	11 8 18 22 23	52 300 42 900 45 400 42 800 38 400	56 700 49 200 50 300 48 300 41 400
ROOMS           1 to 3 rooms           5 rooms           5 rooms           6 rooms           8 or more rooms           8 or more rooms           Medion	53 771 1 704 2 987 1 455 1 503 6.1	84 48 74 7 5.0	11 249 246 281 28 74 5.3	31 166 382 443 196 35 5.6	11 126 330 757 161 132 5.9	63 423 572 315 144 6.0	74 157 439 293 165 6.3	9 111 322 311 396 6.9	- 7 87 97 251 7.8	- - 12 41 230 8.3	- - - 6 76 8.5+	25 500 22 100 34 500 39 200 50 500 68 800 	25 400 26 000 35 600 41 100 52 200 76 100 
BEDROOMS None 1 2 3 4 5 or more	4 219 2 413 4 202 1 252 383	- 10 119 77 7 -	4 57 468 294 59 7	100 492 522 111 28	22 492 869 100 34	17 425 810 223 42	- 249 708 138 27	- 119 693 235 102	- 7 33 148 226 28		- - 6 19 57	12 500 24 100 32 600 44 000 58 700 67 400	12 500 26 700 34 200 45 900 64 600 86 000
YEAR STRUCTURE BUILT           1975 to March 1980           1970 to 1974           1960 to 1969           1950 to 1969           1940 to 1949           1939 or earlier	239 196 766 1 204 711 5 357	- - 12 17 184	- 16 25 95 753	18 14 52 89 65 1 015	5 25 128 183 59 1 117	23 30 97 294 161 912	47 35 120 232 129 565	80 41 191 230 110 497	32 31 102 82 40 155	28 20 43 52 22 118	6 17 5 13 41	63 300 55 700 57 100 50 000 47 200 36 200	71 700 63 000 61 500 53 800 50 400 40 700
HOUSEHOLD INCOME IN 1979           Less thon \$5,000           \$5,000 to \$9,999           \$10,000 to \$12,499           \$12,500 to \$14,999           \$20,000 to \$24,999           \$25,000 to \$24,999           \$25,000 to \$44,999           \$25,000 to \$49,999           \$20,000 to \$49,999           \$20,000 ar more	771 1 203 574 611 1 189 1 257 1 560 793 515 \$19 537 \$22 343	43 36 19 43 37 22 - \$12 994 \$13 799	220 154 126 85 144 56 52 37 15 \$11 399 \$13 630	169 325 115 94 164 211 108 53 14 \$12 965 \$15 765	138 231 106 161 276 207 270 116 12 \$17 303 \$18 755	103 243 74 107 252 294 296 117 31 \$19 477 \$20 316	49 147 70 46 161 242 232 92 89 \$21 569 \$23 101	34 48 44 137 171 381 211 77 \$27 769 \$29 265	7 14 7 22 88 22 135 85 122 \$33 998 \$37 310	4 5 13 7 21 38 76 109 \$42 962 \$47 137	4   26 6 46 \$52 881 \$69 721	25 600 34 600 33 000 35 100 39 700 44 200 50 900 57 900 82 400 	30 900 35 600 36 000 37 000 41 300 44 200 55 100 61 900 88 500
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979         With a mortgage	<b>3 728</b> 1 619 667 599 332 114 369 2859 775 429 269 151 42 200 200 10-	255 17 - - - - - - - - - - - - - - - - - -	<b>239</b> 71 52 17 6 72 22.6 <b>650</b> 314 99 655 45 61 - 10.6	<b>487</b> 259 67 53 82 64 <b>766</b> 301 211 111 111 111 158 37 7 7 41 - 11.9	<b>617</b> 286 130 711 62 8 53 77 <b>900</b> 576 6 40 15 6 6 20 8 8 10-	696 292 131 92 42 56 111 16.9 821 524 105 74 16 6 20 12 10-	<b>531</b> 182 107 110 22 31 	609 247 141 147 43 47 77 24 422 37 29 929 12 14 12 14 12 14 12 14	283 166 49 27 22 13.4 13.9 132 14 6 - - 7 7 7 10-	<b>182</b> 79 8 25 22 10 0 88 <b>101</b> 88 6 - 7 7 - 7 - 10 -	<b>59</b> 20 13 22 - - 4 17.9 <b>23</b> 10 - - - - - - 10-	46         900           45         500           48         200           51         800           45         500           45         500           45         500           45         500           40         500           33         800           33         800           33         700           23         500           24         000           40         800           40         800	52         800           52         700           52         900           57         100           54         300           52         200           44         900           41         800           33         800           33         800           36         000           29         500           31         200           40         500
SELECTED CHARACTERISTICS         Complete plumbing for exclusive use         1.01 or more persons per room         Lacking complete plumbing for exclusive use         1.01 or mare persons per room         Heating equipment         Centrol heating system         Air conditioning         Centrol system         Income in 1979 below poverty level         Percent below poverty level	8 464 71 9 8 469 7 718 4 403 1 376 479 5.7	213 	880 18 9 635 230 11 143 16.1	1 253 31 	<b>1 517</b> 8 	1 517 9 	1 128 5 	1 149 	442 	283 283 283 242 147 9 3.2	82 	<b>42 200</b> 25 800 <b>12 500</b> <b>42 100</b> 43 900 47 400 63 400 <b>27 600</b> 	46 700 28 600 12 500 46 600 48 900 53 500 68 900 33 000 

## Table B-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Ooto ore estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

	(Ooto ore estimot	tes based on o	somple, see in	troduction. Fo	or meoning of :	symbols, see li	nfroduction. F	or definitions of	r terms, see op	pendixes A on	a 8]	
Wheeling city	Totol	Less thon \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cosh rent	Medion (dollors)
Specified renter-occupied housing units	7 100	1 265	1 171	1 374	1 253	945	443	112	114	67	356	184
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER           Married-couple families           15 to 24 yeors           25 to 34 yeors           35 to 44 yeors           45 to 64 yeors           65 yeors and over           Mole householder, no wife present	2 303 476 639 245 500 443 1 423	77 6 17 17 37 217	<b>263</b> 21 54 40 56 92 <b>352</b>	<b>481</b> 95 95 43 97 151 <b>310</b>	<b>497</b> 172 147 15 124 39 <b>237</b>	<b>422</b> 97 150 39 80 56 <b>198</b>	<b>262</b> 69 122 45 19 7 <b>34</b>	<b>39</b>  16 8 10 5 <b>12</b>	67 5 8 19 29 6 25	38 	157 11 18 28 55 45 33	224 231 249 259 220 169 169
15 to 24 yeors         25 to 34 yeors         35 to 44 yeors         45 to 64 yeors and the second seco	237 370 190 274 352 <b>3 374</b> 345 564 310 817 1 338	16 15 11 61 114 <b>971</b> 79 60 67 182 583	46 72 43 79 112 <b>556</b> 67 41 49 200 199	59 86 57 56 52 <b>583</b> 90 112 37 151 193	61 105 24 18 29 <b>519</b> 58 161 46 77 77	33 53 57 20 <b>325</b> 21 102 63 95 44	4 25 5 147 23 60 6 30 28		13 5 7 <b>22</b> 4 - 6 12	5 - - 24 - 4 5 15	- 9 - 18 <b>166</b> - 18 18 53 77	199 203 176 139 123 <b>157</b> 175 225 190 150 112
Median age           YEAR HOUSEHOLDER MOVED INTO UNIT           1979 to March 1980           1975 to 1978           1970 to 1974           1960 to 1974           1960 ro eofier	<b>47.9</b> 2 682 2 167 960 733 558	<b>68.5</b> 291 399 320 146 109	57.0 279 372 199 197 124	46.1 498 466 208 123 79	<b>33.1</b> 563 390 124 112 64	<b>35.6</b> 267 49 54 15	<b>29.5</b> 272 145 22 4 -	<b>43.3</b> 87 10 6 - 9	<b>46.5</b> 61 48 - - 5	<b>53.8</b> 24 15 4 18 6	<b>59.3</b> 47 55 28 79 147	223 181 126 147 143
ROOMS           1 room           2 rooms           3 rooms           4 rooms           5 rooms           5 rooms           7 or more rooms           7 or more rooms           Median	416 770 1 895 1 951 1 208 589 271 3.7	224 287 410 208 110 16 10 2.8	110 208 329 274 175 58 17 3.3	43 163 463 419 211 61 14 3.5	21 60 418 373 245 100 36 3.8	6 25 165 396 211 120 22 4.2	12 25 154 131 107 14 4.7	- 25 29 30 10 18 4.6	12 - 18 15 36 33 5.8	- - 15 19 4 29 5.5	- 15 60 65 61 77 78 5.1	94 115 169 205 221 259 296 
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979           All income levels in 1979           .0.50 or less           0.51 to 1.00           1.51 or more           Lacking complete plumbing for exclusive use	<b>7 100</b> 6 843 2 375 220 40 257 131 120 - 6	<b>1 265</b> 1 184 769 391 24 81 31 50 -	1 171 1 085 740 292 53 - 86 37 43 - 6	<b>1 374</b> 1 353 815 507 20 11 21 21 	1 253 1 224 715 446 34 29 20 20 9 -	<b>945</b> 931 535 351 45 - 14 3 11 -	<b>443</b> 443 217 209 17   	112 112 51 40 21 - -	114 107 60 47 - 7 7 7 7	67 67 47 20 - - - - -	356 337 259 72 6 - 19 19 - -	184 186 177 197 209 208 118 128 105  135
I come in 1979 below poverty level Complete plumbing for exclusive use 1.01 or more persons per room Locking complete plumbing for exclusive use 1.01 or more persons per room	<b>1 906</b> 1 760 133 146 6	<b>730</b> 668 24 62 –	<b>294</b> 254 31 40 6	305 299 - 6 -	<b>232</b> 221 35 11	163 157 32 6 –	<b>64</b> 64 5 —	6 6 6 7	23 16 7 -	9 9   	<b>80</b> 66 	133 127 134 210 102 135
BEDROOMS           None           1           2           3           4           5 or more	459 3 255 2 316 930 95 45	224 748 202 81 10	121 666 262 117 5 -	65 749 434 116 10 –	31 629 427 166 –	6 299 469 159 6 6		- 22 39 33 18 -	12 	- 34 10 8 15	80 125 107 20 24	102 163 223 235 351 500+
UNITS IN STRUCTURE           1, detoched or ottoched           2	1 348 1 584 1 372 1 077 679 997 43	42 97 153 241 161 571 –	135 267 246 218 104 185 16	223 376 362 245 79 82 7	237 373 262 161 111 98 11	204 280 202 117 105 37 -	156 54 92 75 62 4	52 31 10 7 5 7	56 11 29 - 13 5 -	30 12 - 25 - -	213 83 16 13 14 12 5	239 201 186 165 197 90 154
YEAR STRUCTURE BUILT           1975 to March 1980           1970 to 1974           1960 to 1969           1950 to 1959           1940 to 1949           1930 or eorlier           STORIES IN STRUCTURE	429 431 596 398 961 4 285	135 259 200 87 218 366	52 56 64 62 104 833	66 34 33 54 222 965	64 54 51 100 153 831	46 23 101 41 157 577	42 	- 8 9 10 85	5  13 24 24 24 48	13 5 14 7 5 23	6 25 	166 86 183 196 188 190
4 or more With elevator GROSS RENT AS PERCENTAGE OF HOUSEHOLD	5 788 1 312 1 029	651 614 586	907 264 186	1 215 159 82	1 099 154 114	883 62 37	408 35 –	105 7 7	109 5 5	 	344 12 12	198 110 90
INCOME IN 19.79           Less thon 15 percent           15 to 19 percent           20 to 24 percent           25 to 29 percent           30 to 34 percent           35 to 49 percent           35 to 49 percent           50 percent or more           Not computed	1 463 1 133 1 072 526 402 916 1 069 519 23.2	326 180 286 171 85 128 44 45 21.8	339 212 131 63 66 195 137 28 20.8	332 239 163 102 68 157 267 46 22.9	199 171 214 115 125 166 242 21 26.4	176 192 159 36 30 146 201 5 23.2	68 116 59 20 23 65 79 13 22.6	5 28 10 - 32 37 - 38.2	4 11 25 9 - 12 48 5 42.8	14 12 7 5 15 14 30.5	···· ···· 356	162 186 187 170 177 194 214 162 
SELECTED CHARACTERISTICS Heating equipment Centrol heating system Air conditioning Centrol system	7 085 5 352 2 478 519	1 265 1 056 340 93	1 161 687 323 28	1 374 898 451 58	1 253 989 522 69	<b>940</b> 788 <b>343</b> 90	<b>443</b> 387 <b>212</b> 75	<b>112</b> 106 <b>50</b> 7	114 114 44 26	<b>67</b> 67 <b>57</b> 49	<b>356</b> 260 <b>136</b> 24	184 194 205 249

## Table B-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Oata are estimates based an a sample, see Introduction. Far meaning of symbols, see Introduction. Far definitions of terms, see appendixes A and 8]

						usehold incor							
Wheeling city				\$10,000	\$12,500	\$15,000	\$20,000	\$25,000	\$35,000				Income in 1979 below
	Tatal	Less than \$5,000	\$5,000 ta \$9,999	to \$12,499	ta \$14,999	ta \$19,999	ta \$24,999	ta \$34,999	to \$49,999	\$50,000 ar more	Median (dallars)	Mean (dallo.s)	poverty level
Owner-occupied housing units	9 935	971	1 449	712	751	1 424	1 384	1 785	867	592	18 818	22 072	621
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Morried-couple fomilies	6 591	205	521	323	502	1 044	1 188	1 524	761	523	22 426	26 265	176
15 to 24 years 25 to 34 years	147 1 097	13	11 20	4	58	75 240	46 339	6 296	5 65	9	19 175 22 293	19 143 22 772	18
35 ta 44 years 45 ta 64 years	1 072 2 882	40 30	42 68	6 141	41 224	172	184 493	326 742	132 490	129 331	26 170 26 488	30 489 30 661	61 37
65 years and aver Mole householder, no wife present 15 to 24 years	1 393 776 28	122 97 7	380 142 6	115 112	179 56	194 83 10	126 85	154 113	69 38	54 50	13 610 14 152 10 500	17 418 19 802 9 991	60 43 7
25 ta 34 years 35 ta 44 years	136 87	7	15 5	17 13	31 _4	20	27 9	10 40	10 5	6	16 563 25 938	19 021 23 281	- 3
45 to 64 years 65 years and aver	215 310 <b>2 568</b>	17 66 <b>669</b>	27 89 <b>786</b>	20 59 <b>277</b>	14 7 <b>193</b>	31 22 <b>297</b>	13 36 <b>111</b>	63  148	16 7 68	14 24 <b>19</b>	19 821 10 000 8 892	22 753 18 008 11 997	10 23 <b>402</b>
Femole householder, no husband present 15 to 24 years 25 to 34 years	13 120	6	7 28	13	11	34	- 8	13	3	-	7 679 14 545	6 423 15 069	6 24
35 ta 44 years 45 ta 64 years	185 868	20 161	43 277	16 111	30 71	52 101	14 58	10 63	11	15	13 625 9 931	13 215 12 545	20 148
65 years and aver Median age	1 382 56.0	472 <b>69</b> .6	431 68.6	137 62.5	81 57.9	110 50.6	31 47.3	62 <b>50.5</b>	54 <b>52</b> .9	55.1	7 370	11 274	204 <b>63</b> .1
YEAR HOUSEHOLDER MOVED INTO UNIT	728	37	40	49	65	148	124	160	66	39	20 687	24 294	33
1975 to 1978 1970 ta 1974	1 729 1 585	106 72	170 210	93 100	125 142	308 285	380 224	317 301	124 120	106 131	20 797 19 752	22 939 24 138	116 75
1960 ta 1969 1959 ar earlier	2 119 3 774	192 564	236 793	131 339	122 297	276 407	261 395	520 487	248 309	133 183	21 516 14 108	24 799 18 847	136 261
SELECTED CHARACTERISTICS Complete plumbing for exclusive use	9 902	956	1 445	712	751	1 417	1 380	1 782	867	592	18 851	22 106	621
1.01 or more persons per room Locking complete plumbing for exclusive use	89 33	15	4	15	10	6 7	7	19	22	10	27 596 8 438	34 515 11 726	-
1.01 ar mare persons per room Heating equipment	3 9 927	967	<b>1 449</b> 1 190	<b>712</b> 597	751	<b>1 424</b> 1 290	<b>1 380</b> 1 307	3 1 785	867	592	28 750 18 818 19 934	29 815 22 079 23 133	617
Central heating system Air conditioning Central system	8 922 5 129 1 630	754 <b>250</b> 57	536 138	305 42	647 <b>360</b> 100	842 184	779 197	1 696 1 056 388	853 <b>572</b> 249	588 <b>429</b> 275	<b>21 273</b> 27 524	23 133 25 517 32 614	488 <b>190</b> 49
Vehicles avoilable1	8 599 3 872	<b>424</b> 326	952 808	610 456	695 420	1 359 660	1 361 592	1 745 408	<b>861</b> 121	<b>592</b> 81	<b>20 782</b> 14 560	24 316 17 012	329 224
2 or mare House heating fuel	4 727 9 927 9 114	98 <b>967</b> 907	144 1 449 1 375	154 <b>712</b> 628	275 <b>751</b> 684	699 1 4°4 1 314	769 1 380 1 264	1 337 <b>1 785</b> 1 594	740 <b>867</b> 808	511 <b>592</b> 540	26 473 18 818 18 662	30 298 22 079 21 850	105 617 562
Utility gas 8attled, tank, ar LP gas Electricity	10	32	63	71	51	1 314	5 98	1 374	59	52	13 750 20 812	13 468 26 234	37
Fuel ail, kerosene, etc Other	55 50	15 13	6	3 10	16	3	13	18 8	-	-	13 984 11 500	15 932 14 343	12
Median rooms Specified owner-occupied housing units	6.0 8 473	5.3 771	5.5 1 203	5.7 574	5.7 611	5.8 1 189	6.1 1 257	6.4 1 560	6.7 793	7.6 515	 19 537	 22 343	5.3 479
MORTGAGE STATUS AND SELECTED MONTHLY										• • •			
OWNER COSTS With a mortgage	3 728	170	230	177	208	649	708	877	436	273	22 509	25 979	142
Less than \$200 \$200 ta \$249 \$250 ta \$299	684 741 658	84 16 19	78 32 56	37 81 20	60 49 58	128 125 146	102 157 170	122 177 101	66 72 64	32 24	18 645 21 758 20 862	19 328 23 777 22 372	65 15 12
\$300 to \$349 \$350 ta \$399	441 317	31	26 18	24 8	20 8	52 86	64 47	124 109	71 25	29 8	24 234 22 937	26 904 23 936	25 8
\$400 ta \$499 \$500 ta \$599	466 183	8	7	-	5	85 14	135 16	119 91	49 25	58 37	23 333 31 539	31 745 39 026	8 -
\$600 ta \$749 \$750 ar more Median	153 85 \$283	- 4 \$203	8 5 \$254	7 	8 	13  \$274	17 	34 	32 32 \$311	34 44 \$470	29 531 44 383	35 359 52 867	9 \$220
Not mortgaged Less than \$50	4 745 45	601 16	973 17	397	403	540	549 5	683	357	242	14 991 5 956	<b>19 486</b> 12 735	337 16
\$50 to \$74 \$75 to \$99	808 1 611	192 210	267 414	90 126	74 204	89 195	43 171	43 192	10 57	42	8 917 13 180	10 841 16 019	93 102 80
\$100 ta \$124 \$125 ta \$149	1 278 526	95 32	220 29	108 55	61 42	147 65	215 84	239 121	128	65 36	20 153 22 128	21 448 24 016	80 25 21
\$150 to \$199 \$200 to \$249 \$250 ar mare	348 89 40	41 15	26 	18	15	38 6	19 12	52 26 10	83 6 4	56 24 19	28 661 31 212 47 093	33 980 30 984 67 430	-
Median	\$99	\$86	\$87	\$97	\$91	\$98	\$106	\$111	\$120	\$135		•••	\$90
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With o mortgage Less than 15 percent	<b>3 728</b> 1 619	170	230	177 5	<b>208</b> 27	<b>649</b> 177	<b>708</b> 345	<b>877</b> 501	<b>436</b> 329	<b>273</b> 231	<b>22 509</b> 29 417	<b>25 979</b> 34 902	142
15 to 19 percent 20 to 24 percent	667 599	-	4 _ 48	22 47	45 80	167 131	150 100	213 136	43 42	231 27 15	22 572 19 654	24 643 21 912	- 8
25 to 29 percent 30 to 34 percent	332 114	13	7 31	57 13	35 8	96 41	80 16	22 5	22		18 056 15 417	18 501 14 628	6
35 percent ar mare Nat camputed Median	369 28 16.7	129 28 50+	140 	33 	13  22.0	37 	17 	13.9	- 10-	- - 10-	6 713 2500	8 055 — 	93 28 50+
Not mortgoged Less than 10 percent	4 745 2 859	601	973 101	<b>397</b> 169	403 302	<b>540</b> 483	549 537	683 668	357 357	242 242	<b>14 991</b> 22 969	<b>19 486</b> 27 436	337
10 to 14 percent15 to 19 percent	775 429	16 50	428 315	161 56	86 8	57	12	15	-	-	9 531 6 780	10 481 7 078	20 13
20 ta 24 percent25 ta 29 percent	269 151	160 117	91 34	11	7	_	-	_	_	Ξ	4 602 4 065	5 377	71 37 31
30 ta 34 percent 35 percent ar mare Nat camputed	42 200 20	38 200 20	4	-	-		-	-	-	-	3 882 2 984 2500—	4 044 2 976 _	31 137 20
Median	10-	27.8	14.5	10.9	10—	10-	10-	10-	10-	10-			31.5

## Table B-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Doto ore estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see oppendixes A and 8]

	[Doto ore estimot											1	
Wheeling city				\$10,000	\$12,500	s15,000	\$20,000	\$25,000	\$35,000				Income in 1979 below
	Totol	Less thon \$5,000	\$5,000 to \$9,999	to \$12,499	to \$14,999	to \$19,999	to \$24,999	to \$34,999	to \$49,999	\$50,000 or more	Medion (dollors)	Meon (dollors)	poverty ievel
Renter-occupied housing units	7 166	2 311	1 864	682	497	736	504	441	69	62	8 440	10 - 953	1 915
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER Morried-couple families	2 348	218	561	274	190	390	318	306	48	43	14 092	16 089	284
15 to 24 yeors 25 to 34 yeors	481 639	51 53	126 37	49 73	48 36	105 149	57 119	30 137	27	15 8	13 255 19 131	14 930 18 942	84 59
35 to 44 yeors 45 to 64 yeors 65 yeors ond over	259 507 462	22 33 59	44 96 258	41 60 51	19 62 25	22 91 23	43 74 25	50 74 15	10 11	8 6 6	15 875 15 086 8 307	18 744 17 066 10 789	22 59 60
Male householder, no wife present 15 to 24 yeors	1 431 237	<b>409</b> 60	<b>413</b> 89	102 26	112 9	172 23	110 15	<b>83</b> 15	11	19	8 881 7 939	11 679 9 542	315 63
25 to 34 years 35 to 44 years 45 to 64 years	378 190 274	21 32 121	64 52 78	52 - 9	78 	91 37 16	38 32 19	28 23 6	- 6 5	6 8 5	14 167 17 500 5 816	16 437 17 623 9 268	21 25 101
65 yeors ond over Femole householder, no husband present	352 3 387	175 1 684	130 <b>890</b>	15 306	10 <b>195</b>	5 174	6 76	11 52	10	-	5 056 5 049	6 675 7 085	105 1 316
15 to 24 yeors 25 to 34 yeors 35 to 44 yeors	345 564 314	155 191 131	90 171 103	63 81 38	20 33 18	12 45 19	12	5 21 5	10	-	5 583 7 446 6 413	6 714 9 105 7 1 <b>72</b>	151 215 155
45 to 64 yeors65 yeors ond over	817 1 347	378 829	236 290	55 69	61 63	40 58	36 28	11 10	-	-	5 719 4 414	7 376 6 138	317 478
Median ageYEAR HOUSEHOLDER MOVED INTO UNIT	47.9	62.2	56.6	34.8	41.7	32.4	35.9	33.3	31.9	36.3	•••		54.3
1979 to Morch 1980 1975 to 1978	2 689 2 185	692 705	784 421	281 225	217 173	311 281	174 192	155 154	33 28	42 6	9 184 9 636	11 809 11 545	688 564
1970 to 1974 1960 to 1969	968 747	413 260	247 263	88 52	29 40	80 30	61 31	46 59	4	- 8	6 628 6 730	8 838 9 896	292 174
1959 or eorlier PLUMBING FACILITIES BY PERSONS PER ROOM	577	241	149	36	38	34	46	27		6	6 696	9 633	197
Complete plumbing for exclusive use 0.50 or less	6 909 4 259	<b>2 140</b> 1 371	1 814 1 231	<b>677</b> 438	<b>477</b> 308	<b>730</b> 400	<b>504</b> 198	<b>436</b> 245	<b>69</b> 29	<b>62</b> 39	8 657 8 057	11 161 10 466	1 769 911
0.51 to 1.00 1.01 to 1.50	2 390 220 40	690 74 5	546 28 9	192 36	150 19	299 16 15	278 28	172 19	40	23	9 656 10 556	12 374 11 332 11 801	725 119
1.51 or more Lacking complete plumbing for exclusive use 0.50 or less	257 131	171 83	50 34	5	20 3	6 6	-	5 5	-	-	11 364 3 845 4 049	11 801 5 351 5 680	14 <b>146</b> 76
0.51 to 1.00 1.01 to 1.50 1.51 or more	120	82 - 6	16	5	17	-	_	-	-	-	3 625 3 750	5 111 	64
SELECTED CHARACTERISTICS	0	0	_	_	_	-	-	_	_	_	5750	2 705	0
Heating equipment	<b>7 151</b> 5 392	<b>2 311</b> 1 688	<b>1 854</b> 1 419	<b>682</b> 456	<b>492</b> 369	<b>736</b> 578	<b>504</b> 400	<b>441</b> 378	<b>69</b> 42	<b>62</b> 62	8 431 8 536	10 955 11 380	1 915 1 318
Air conditioning Centrol system Vehicles ovailable	2 498 526 4 175	495 112 596	681 112 1 071	284 42 435	239 54 448	292 42 619	231 27 449	179 66 426	46 42 69	51 29 62	10 643 12 321 12 417	13 643 18 159 14 562	296 71 587
12 or more	2 998 1 177	544 52	953 118	370 65	340 108	373 246	194 255	156 270	36 33	32 30	10 014 19 989	12 199 20 580	519 68
House heating fuel Utility gos 8ottled, tank, or LP gas	<b>7 151</b> 5 846 30	2 311 1 940 8	1 854 1 468 5	682 570	<b>492</b> 418	736 578	<b>504</b> 423 12	441 381	69 32	62 36 5	8 431 8 302 20 417	10 955 10 673 18 519	1 915 1 665 8
Electricity Fuel oil, kerosene, etc	1 193 21	333 6	364	112	63	141	62 7	60 -	37	21	8 831 16 406	12 193 13 576	221
Other Medion rooms	61 <b>3.8</b>	24 <b>3.2</b>	17 <b>3.8</b>	3.9	11 3.9	9 <b>4.2</b>	4.3	4.7	4.0	4.0	6 354 	9 150 •••	15 3.3
Specified renter-occupied housing units	7 100	2 302	1 845	675	497	725	499	433	62	62	8 417	10 903	1 906
CONTRACT RENT Less than \$100	2 073	1 232	462	130	85	45	56	44	19	-	4 423	6 551	952
\$100 to \$149 \$150 to \$199 \$200 to \$249	1 560 1 613 887	481 289 112	457 463 268	149 235 77	124 144 67	164 272 107	95 102 127	84 84 113	- 8 10	6 16 6	8 388 10 580 12 062	10 255 12 022 14 844	422 275 105
\$250 to \$299 \$300 to \$349	370 135	47 32	65 4	24 20	30 4	95 7	62 26	23 25	17	7 13	16 056 20 313	16 687 20 677	44 23
\$350 to \$399 \$400 to \$499 \$500 or more	58 40 8	5	26 	5	10	4 10 -	10	18	4	- 6 8	19 375 15 000 52 076	17 383 24 164 50 110	5
No cash rent Median	356 \$139	104 \$89	100 \$144	35 \$155	33 \$157	21 \$170	21 \$187	42 \$192	\$210	\$261	8 646	11 041	80 \$94
GROSS RENT Less than \$100	1 265	958	194	49	32	8	14	10	_	_	3 763	4 701	730
\$100 to \$149 \$150 to \$199	1 171 1 374	407 356	414 366	110 205	103 101	40 179	35 104	54 38	8 19	- 6	7 452 9 417	- 8 762 10 890	294 305
\$200 to \$249 \$250 to \$299 \$300 to \$349	1 253 945 443	231 141 68	398 230 81	172 37 31	97 94 14	188 200 65	87 95 90	72 118 76	16 11	8 14 7	,9 970 14 215 17 455	11 554 15 621 17 339	232 163 64
\$350 to \$399 \$400 to \$499	112 114	7 25	34 24	18 13	10 3	10 4	28 25	16	-4	5	12 083 11 538	14 518 14 995	6 23
\$500 or more No cash rent Median	67 356 \$184	5 104 \$117	4 100 \$183	5 35 \$187	10 33 \$197	10 21 \$238	21 \$250	7 42 \$258	4 	22 	19 750 8 646	30 634 11 041	9 80 \$127
GROSS RENT AS PERCENTAGE OF HOUSEHOLD	\$104	<i>\(\)</i>		<i>Q107</i>	ψ177	ψ200	<i>\$230</i>	4230	φ201	ψ02 Ι			ψ127
INCOME IN 1979 Less than 15 percent	1 463	81	149	131	146	234	268	342	58	54	19 834	21 261	108
15 to 19 percent         20 to 24 percent         25 to 29 percent	1 133 1 072 526	133 271 177	231 228 234	152 213 66	113 158 24	298 142 20	157 48 5	37 12	4	8 	13 617 10 434 7 172	13 913 10 168 7 400	105 177 114
30 to 34 percent 35 to 49 percent 50 percent or more	402 916	129 363	234 490	34 35	23	5 5	-	_	_	-	7 093 5 781	6 770 5 975	78 297
50 percent or more Not computed Medion	1 069 519 23.2	881 267 44.0	179 100 30.7	9 35 20.9	33 18.8	21 17.0	21 14.1	42 11.5	- - 10-	- 10—	3 271 4 693	3 407 7 534	784 243 47.5

## Table B-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

	[Doto ore estimo	otes bosed on o	somple, see Intro	oduction. For m	eoning of symbo	ls, see Introducti	on. For definitio	ins of terms, se	e appendixes A	[8 bnc	
Wheeling city	Totol	Less thon \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Medion (dollars)
Specified owner-occupied housing units	3 728	684	741	658	441	317	466	183	153	85	283
PERSONS IN UNIT           1 persons           2 persons           3 persons           4 persons           5 persons           6 persons           6 persons           7 persons           8 or more persons           8 or more persons	282 937 756 911 504 234 62 42 3.35	99 179 160 121 79 46  2.90	55 162 151 214 99 52 - 8 3.51	47 199 150 153 58 29 22 - 3.05	41 113 81 104 75 15 12 3.32	20 90 66 79 47 7 - 8 3.23	20 160 65 106 41 47 21 6 3.32	22 21 45 57 24 6 8 4.56	7 44 47 37 5 13 4.04		238 282 272 289 311 283 457 356 
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER         Married-couple families         15 to 24 yeors         25 to 34 yeors         35 to 44 yeors         45 to 64 yeors         55 yeors ond over         Male householder, no wife present         15 to 24 yeors         25 to 34 yeors         25 to 34 yeors         25 to 34 yeors         35 to 44 yeors         45 to 64 yeors         45 to 64 yeors         55 to 34 yeors         25 to 34 yeors         55 to 34 yeors         25 to 34 yeors         35 to 44 yeors         45 to 64 yeors         25 to 34 yeors         25 to 34 yeors         25 to 34 yeors         25 to 34 yeors         35 to 44 yeors         25 to 64 yeors         35 to 44 yeors         35 to 44 yeors         35 to 44 yeors         45 to 64 yeors         4	<b>3 100</b> 102 889 795 1 180 134 <b>187</b> 23 50 40 67 7 <b>441</b> - 79 70 194 98 43.0	535 - 110 133 237 55 36 - 8 - 21 7 113 - 6 19 19 42 46 49,3	613 15 150 141 283 284 27 - 12 6 9 - 7 12 54 28 46.9	543 19 172 201 201 201 201 31 - 31 - 55 - - - 7 30 18 44.0	365 7 86 83 183 6 15 7 8 - - - 61 - 28 7 7 20 6 44.2	247 6 96 93 52 29 6 - 23 - 41 - 22 - 19 - 37.6	<b>399</b> 55 141 103 93 7 <b>25</b> 4 9 6 6 - <b>42</b> - <b>42</b> - <b>42</b> - <b>42</b> - <b>36</b> ,	172 81 64 27 5 - 5 - 6 6 - 37.0	145 	81 	287 406 307 309 267 225 280 339 269 380 256 175 255 255 255 255 262 262 252 205
YEAR HOUSEHOLDER MOVED INTO UNIT           1979 to Morch 1980	484 1 075 898 860 411	5 131 126 262 160	37 129 269 214 92	50 225 162 163 58	40 128 123 106 44	85 106 69 49 8	151 179 70 37 29	55 69 39 13 7	45 60 29 6 13	16 48 11 10 -	416 321 267 239 225
ROOMS           1 to 3 rooms	18 134 593 1330 758 895 6.3	- 56 195 282 109 42 5.8	6 20 157 335 155 68 6.1	6 43 69 241 150 149 6.4	- 7 56 154 99 125 6.5	- 8 73 101 43 92 6.3	6 37 186 97 140 6.5		- 17 40 96 8.0	- - 7 - 78 8.5+	275 227 232 260 288 385 
YEAR STRUCTURE BUILT           1975 to Morch 1980	171 158 482 539 315 2 063	5  66 116 77 420	22 122 95 49 453	20 32 72 113 53 368	16 19 75 47 33 251	29 35 41 55 11 146	30 24 51 54 59 248	26 18 32 37 6 64	31 8 6 22 18 68	14 	437 359 287 276 280 272
VALUE           Less than \$10,000	25 239 487 617 696 531 609 283 182 59 59 \$46 900	17 63 121 226 174 42 32 5 - 4 \$35 200	125 160 142 149 76 70 19 - \$34 600	8 19 131 112 97 127 93 66 5 \$46 200	- 26 49 67 73 89 90 31 10 6 \$50 400	- 6 20 46 73 30 97 38 7 553 100	- 6 24 122 119 108 35 44 8 \$54 800	- - 8 40 71 40 13 11 \$69 700	  8 43 33 56 13 \$95 600		187 223 238 229 263 312 360 377 632 606 
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 Less than 15 percent 15 to 19 percent 20 to 24 percent 25 to 29 percent 30 to 34 percent 35 percent or more Not computed Median	1 619 667 599 332 114 369 28 16.7	461 55 58 20 13 67 10 11.6	487 88 74 44 6 42 13.1	275 164 109 28 19 63 - 16.6	175 118 41 26 6 57 18 16.5	59 91 63 50 20 34 - 20.7	89 91 107 120 23 36 - 22.5	37 33 83 22 8 21.3	20 14 39 22 5 53 25.8	16 13 25 22 9 22.7	236 311 364 398 382 311 311
SELECTED CHARACTERISTICS         Hearting equipment	3 724 271 2 989 210 38 216 2 151 657 1 494 3 724 3 348 5 348 6 8 17	684 51 535 8 15 75 <b>336</b> 81 255 684 664 666 - 8 - 10	<b>741</b> 19 599 58 15 50 <b>3399</b> 93 306 <b>741</b> 678 5 5 8 - -	658 64 497 36 8 53 348 57 291 658 607 - 36 8 7	441 25 386 25 <b>268</b> 67 201 441 408 _ 33 _ _	<b>313</b> 8 268 25 12 <b>193</b> 73 120 <b>313</b> 247 - 66 - -	466 38 379 28 95 95 190 466 413 - 53 - -	183 18 147 18   119 19 183 133    	153 23 118 12 79 73 66 153 120 3 3 3 	85 25 60  64 48 16 85 76 - 9 9 	283 303 286 213 233 299 371 282 283 277 275 379 275 192

## Table B-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

	[Doto ore estimate	s based on o som	ple, see Introducti	on. For meoning	of symbols, see l	ntroduction. For	definitions of term	s, see oppendixes	A ond 8]	
Wheeling city	Totol	Less thon \$50	\$50 to \$74	\$75 to \$9 <b>9</b>	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollors)
Specified owner-occupied housing units	4 745	45	808	1 611	1 278	526	348	89	40	99
PERSONS IN UNIT										
1 person2 persons	1 285	18 27	376 340	469 756	223 511	93 178	80 119	21	5 13	88 96
3 persons	770	-	58	239	226	138	69	18	22	110
4 persons5 persons	388 200		31 3	104 29	166 96	63 35	24 21 28	16	_	109 118
6 persons7 persons	96 19	-	_	14	39 8	15 4	28 7	-	_	122 134
8 or more persons	9	-	-	1.05	9	-	-		2.50	113
Median	2.05	1.67	1.58	1.95	2.31	2.46	2.29	2.19	2.59	
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	0 717	10	200	0.07	040	270	104		00	104
Married-couple families 15 to 24 yeors	<b>2 717</b> 17	18	<b>308</b> 17	907	840	372	194	55 -	23	104 63
25 to 34 years 35 to 44 years	101 151	_	8	19 34	38 75	17 14	13 7	6 21	~	115 114
45 to 64 yeors	1 358	7	81	414	448 279	254 87	118	17	19	110
65 yeors ond over Male householder, no wife present	1 090 <b>421</b>	6	202 109	440 <b>148</b>	2/9 91	6/ 47	56 20	- 11	4 -	94 91
15 to 24 yeors 25 to 34 years	- 29	~	7	_	- 8	- 6	- 8	_	_	123
35 to 44 years	30 111	-	11 9	9 49	10 30	23	<u> </u>	-	-	86 99
45 to 64 yeors65 yeors ond over	251	6	82	90	43	18	12	=	_	85
Female householder, no husbond present 15 to 24 years	1 607	21	391	556	347	107	134	34	17	93
25 to 34 yeors 35 to 44 yeors	9 57	4	-	- 7	5 24	- 13	- 6	-	- 7	102 122
45 to 64 years	504		62	218	137	30	50	7	-	97
65 yeors ond over Medion oge	1 037 65.0	17 70.2	329 70.5	331 66.0	181 60.3	64 <b>59.6</b>	78 60.8	27 57.0	10 59.5	88
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	84	_	4	19	18	30	13	_	_	126
1975 to 1978 1970 to 1974	322 447	15	33 68	118 124	99 148	23 45	16 4 <b>9</b>	18	- 7	99 105
1960 to 1969	1 010	_	140	295	350	113	80	28	4	105
1959 or eorlier	2 882	30	563	1 055	663	315	190	37	29	95
ROOMS										
1 to 3 rooms 4 rooms	35 637	23	11 229	7	12 141	- 40	5	_		98 83
5 rooms	1 111 1 657	9	275 235	504 601	197 502	88 184	38 105		-	88
6 rooms7 rooms	697	7	44	191	255	92	70	31	7	110
8 or more rooms Median	608 5.9	6 4.5	14 5.1	109 5.7	171 6.1	122 6.2	125 6.8	28 7.0	33 8.5	126
YEAR STRUCTURE BUILT										
1975 to March 1980	68	_	11	20	12	6	14	5		106
1970 ta 1974 1960 to 1969	38 284	-	8 19	20 76	113	5 31	5 41	-	-	89 110
1950 to 1959	665	17	79	200	160	136	49	12	12	106
1940 to 1949 1939 or earlier	396 3 294	28	71 620	131 1 164	94 899	58 290	36 203	6 66	24	99 96
VALUE										
Less than \$10,000	188	-	82	46	42	11	-	7	-	82
\$10,000 to \$19,999 \$20,000 to \$29,999	650 766	17	174 194	223 306	157	64 35	7 24	8 12	_	90 90
\$30,000 to \$39,999	900	- 1	183 112	356	184 231	88	42	12	-	94 102
\$40,000 to \$49,999 \$50,000 to \$59,999	821 597	10 7	52	271 256	245 172	100 75	42 71 35	-	~	98
\$60,000 to \$ <b>79,999</b> \$80,000 to <b>\$99,999</b>	540 159	=	11	141 12	209 28	88 45	80 40	11 28	-	114
\$100,000 to \$149,999	101	-	-	-	10	20	45	ĨĨ	15 19	173
\$150,000 or more Median	23 \$38 500	\$22 300	\$27 500	\$36 200	\$40 800	\$45 700	\$54 300	\$77 500	\$123 300	250+
SELECTED MONTHLY OWNER COSTS AS										
PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent10 to 14 percent	2 859 775	29 6	433 147	940 268	818 209	348 74	217 38	51 23	23 10	101 97
15 to 19 percent 20 to 24 percent	429 269	-	96 97	179	87 61	52	15 27	-	- 7	92 87
25 to 29 percent	151	6	13	75	31	20	6	_	-	94
30 to 34 percent35 percent or mare	42 200	_	22	19 45	19 53	32	4 33	15		103 116
Not computed Medion	20 10—	4	10-	8 10—	- 10-	- 10-	8 10—	10-	10-	94
SELECTED CHARACTERISTICS	10	10	10	10-	10-	.0	10	10,	10	
Heating equipment	4 745	45	808	1 611	1 278	526	348	89	40	99
Steom or hot woter system	373 3 629	6	23 529	70	117	77	48	12	20	119
Central warm-oir furnace or electric heat pump Other built-in electric units	113	11 6	12	1 293 46	1 058 29	379 13	269 7	70 	20 _	96
Floor, woll, or pipeless furnaceOther meons	<b>9</b> 5 535	5 17	10 234	29 173	24 50	12 45	15	7	-	104 77
Air conditioning	2 252 719	18	271	758	655	254 108	186	81	<b>29</b> 20	103 115
Centrol system	1 533	11	79 192	133 625	239 416	146	9 <b>9</b> 87	34 47	9	98
House heating fuel Utility gos	<b>4 745</b> 4 547	45 26	<b>808</b> 786	1 611 1 550	1 278 1 230	526 499	<b>348</b> 327	<b>89</b> 89	40 40	99 99
8ottled, tonk, or LP gas Electricity	150	13	12	55	36	19	15	-	-	98
Fuel oil, kerosene, etc.	21 27	- 6	10	-	7	8	6	-	_	136
Other	27	0	10	6	5	-	-	-	-	04

### Table B - 7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Oota ore estimotes based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

		Ow	vner-occupied h						ousing units	nits		
Wheeling city	Total	1975 to Morch 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or eorlier	Totol	1975 to Morch 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or eorlier
Occupied housing units	9 935	317	289	862	2 079	6 388	7 166	429	431	603	1 364	4 339
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER           Married-couple families           15 to 24 yeors           25 to 34 yeors           35 to 44 yeors           45 to 64 yeors           65 yeors ond over           Mole householder, no wife present           15 to 24 yeors           25 to 34 yeors           55 to 44 yeors           55 to 24 yeors           55 to 44 yeors           25 to 34 yeors           25 to 34 yeors           55 to 24 years           25 to 34 yeors           55 to 24 years           55 to 24 years           25 to 34 yeors           55 to 24 years           55 to 24 years           55 to 34 yeors           35 to 44 yeors           35 to 44 yeors           45 to 64 yeors           55 yeors ond over           55 yeors ond over           65 yeors ond over           65 yeors ond over	6 591 147 1 097 1 072 2 882 1 393 776 288 136 87 215 310 2 568 1 382 56.0	<b>216</b> 11 58 75 51 <b>21</b> <b>40</b> - 28 8 - 4 <b>61</b> 13 7 10 25 6 <b>38.3</b>	<b>249</b> 11 52 47 104 35 - - - 40 - 11 - 8 21 <b>47.6</b>	651 6 121 157 284 8 3 29 - - 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 428 46 202 149 727 304 153 5 12 33 48 55 498 - 31 61 177 229 56.1	4 047 73 664 644 1 716 950 554 23 83 88 167 243 1 787 71 102 589 1 025 587.7	2 348 481 639 259 507 462 1 431 237 378 190 274 337 345 554 314 817 1 347 47.9	104 3 29 6 5 61 62 4 9 26 3 20 18 263 30 183 69.7	<b>70</b> 30 9 11 20 <b>76</b> 9 10 - 11 46 <b>285</b> 3 10 7 7 27 238 71.0	<b>238</b> 32 80 28 21 77 <b>73</b> 12 16 10 17 18 <b>292</b> 24 31 5 41 191 <b>62.1</b>	<b>437</b> 153 164 42 60 18 <b>240</b> 49 103 17 40 31 <b>687</b> 125 206 71 150 135 <b>31.8</b>	1 499 263 357 183 410 286 980 980 163 240 137 201 239 1 860 172 291 288 569 600 48.2
YEAR HOUSEHOLDER MOVED INTO UNIT           1979 to Morch 1980	728 1 729 1 585 2 119 3 774	135 182 - - -	22 99 168 –	66 134 220 442 -	160 306 267 429 917	345 1 008 930 1 248 2 857	2 689 2 185 968 747 577	253 176 – –	104 160 167 	187 191 128 97	645 412 126 100 81	1 500 1 246 547 550 496
ROOMS           1 room           2 rooms           3 rooms           5 rooms           5 rooms           6 rooms           7 or more rooms           Medion	7 11 181 1 058 2 106 3 317 3 255 6.0	- 48 81 70 118 5.9	- 19 85 59 126 6.2	- 15 70 167 235 375 6.3	4 26 277 588 638 546 5.7	3 11 140 644 1 185 2 315 2 090 6.0	416 770 1 904 1 965 1 222 599 290 3.8	25 98 211 49 12 16 18 2.9	94 134 159 21 23 - 2.4	67 85 180 136 57 64 14 3.3	32 48 392 463 315 74 40 4.0	198 405 962 1 296 815 445 218 4.0
PLUMBING FACILITIES BY PERSONS PER ROOM           Complete plumbing for exclusive use           0.50 or less.           1.01 to 1.50.           1.51 or more.           Lacking complete plumbing for exclusive use           0.51 to 1.00.           1.01 to 1.50.           1.01 to 1.50.           1.01 to 1.50.           1.01 to 1.50.           0.50 or less.           0.51 to 1.00.           1.01 to 1.50.           1.01 to 1.50.           1.51 or more.	9 902 7 049 2 764 89 	<b>317</b> 215 102 - - - - - -	<b>289</b> 204 74 11 - - - -	<b>862</b> 585 273 4 - - - - -	<b>2 079</b> 1 475 593 11 - - - - -	6 355 4 570 1 722 63 	6 909 4 259 2 390 20 40 257 131 120 6	<b>420</b> 277 143 - 9 9  -	<b>424</b> 253 171 - 7 7 - -	603 316 261 	<b>1 323</b> 708 574 30 11 <b>41</b> 22 19 -	<b>4 139</b> 2 705 1 241 164 29 <b>200</b> 93 101  6
PERSONS IN UNIT           1 person           2 persons           3 persons           4 persons           5 persons           6 or more persons           Medion           Totol persons	1 999 3 429 1 744 1 457 784 522 2.37 27 692	60 94 43 86 17 17 2.60 854	29 90 82 42 16 30 2.81 948	165 254 152 163 90 38 2.58 2 488	356 778 427 277 159 82 2.38 5 659	1 389 2 213 1 040 889 502 355 2.32 17 743	3 340 1 998 888 519 189 232 1.62 14 010	285 90 31 15 - 8 1.25 644	342 64 16 9  1.13 525	284 186 36 57 28 12 1.59 1 170	454 428 284 143 16 39 2.03 3 033	1 975 1 230 521 295 145 173 1.66 8 638
UNITS IN STRUCTURE           1, detoched or ottoched           2           3 and 4           5 to 9           10 to 49           50 or more           Mobile home or trailer, etc.	8 895 580 249 69 65 13 64	254 20 6 12 25	225 33 13 7 8	799 9 26 3 - 25	1 998 50 6 5 14 - 6	5 619 521 164 52 26 6 -	1 414 1 584 1 372 1 077 679 997 43	8 12 21 85 299 4	5 9 - 8 68 334 7	181 25 47 66 101 175 8	282 294 332 295 120 22 19	938 1 256 981 687 305 167 5
SELECTED CHARACTERISTICS         Heating equipment         Steom or hot watr system         Central warm-air furnoce or electric heat pump         Other built-in electric units         Floor, woll, or pipeles furnace         Other meons         Central system         I or andrianing         Central system         1 or more individual room units         House hearing fuel         Utility gas         Battled, tonk, or LP gas         Electricity         Fuel cit, kerosene, etc.         Other         Naroe in 1979 below poverty level         Percent below poverty level	9         927           7         618         388           164         005         1           1         005         129         1           1         630         3         499         9         927           9         114         10         698         55         50         621           6.3         6.3         6.3         6.3         6.3         6.3         6.3	<b>317</b> 5 233 68 11 <b>216</b> 170 46 <b>317</b> 78 233 6 <b>23</b> 3 <b>6</b> <b>7</b> ,6	<b>289</b> 169 111 3 6 <b>217</b> 136 81 <b>289</b> 108 - - - 1 0.3	862 25 694 132 8 3 563 270 293 862 667 172 23 - 39 4.5	<b>2 079</b> 103 1 763 52 23 1 138 521 661 <b>2 079</b> 1 968 80 14 17 <b>103</b> 5.0	6 380 619 4 759 25 130 847 2 951 533 2 418 6 380 6 293 10 6 293 10 37 7 33 454 7.1	7 151 1 380 3 103 744 165 1 759 2 498 5 26 1 972 7 151 5 846 300 1 193 21 61 1 915 26.7	429 242 183 4 368 191 177 429 62 367 - 367 - 85 19.8	<b>431</b> 214 100 88 20 9 <b>198</b> 533 145 <b>431</b> 269 	603 142 239 168 6 48 291 76 215 603 358 233 7 5 133 22.1	1 359 341 610 78 46 284 327 91 236 1 359 1 190 20 138 1 11 428 31.4	4 329 683 1 912 227 93 1 414 1 314 115 1 199 4 329 3 967 10 293 14 45 1 096 25.3
HOUSEHOLD INCOME IN 1979           Less than \$5,000           \$5,000 to \$9,999           \$10,000 to \$12,499           \$12,500 to \$14,999           \$20,000 to \$14,999           \$20,000 to \$24,999           \$35,000 to \$34,999           \$35,000 to \$34,999           \$35,000 to \$34,999           \$35,000 to \$34,999           \$35,000 to \$44,999           \$40,000 rmore           Medion	971 1 449 712 751 1 424 1 384 1 785 867 592 \$18 818 \$22 072	19 53 20 27 45 13 105 15 20 \$19 276 \$22 283	- 15 15 29 87 37 59 \$30 591 \$34 702	48 88 61 43 157 103 147 138 77 \$21 232 \$29 253	146 239 123 160 346 338 385 198 144 \$20 304 \$22 648	758 1 054 493 504 846 901 1 061 479 292 \$17 106 \$20 333	2 311 1 864 682 497 736 504 441 69 62 \$8 440 \$10 953	141 158 9 32 22 19 29 11 8 \$7 969 \$11 022	268 87 28 2 22 9 5 10 \$4 451 \$6 786	193 131 65 17 63 70 53 11 \$9 01 \$9 01 \$11 860	431 321 181 106 110 63 19 14 \$9 000 \$11 078	1 278 1 167 399 340 519 287 291 18 40 \$8 817 \$11 194

### Table B-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based an a sample, see Introductian. Far meaning af symbols, see Introduction. For definitions af terms, see appendixes A and 8]

	C	)wner-accupied H	ausing units			·	Re	enter-occupied	hausing units			
Wheeling city	Tatal	l unit, detached or attached	2 or more units	Mabile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 ta 9 units	10 ta 49 units	50 ar mare units	Mobile hame ar trailer, etc.
Occupied housing units Candaminium hausing units	9 935 133	8 895 40	<b>976</b> 93	64	7 166 159	1 414	1 584	1 372	1 077 33	<b>679</b> 66	<b>997</b> 53	43
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	6 591	6 073	495	23	2 348	761	639	447	207	147	147	_
15 ta 24 years 25 ta 34 years	147 1 097	119 1 030	25 61	3	481 639	101 198	140 224	128 134	55 46	57 31	- 6	-
35 ta 44 years 45 ta 64 years 65 years and over	1 072 2 882 1 393	1 010 2 646 1 268	56 228 125	6 8	259 507 462	119 213 130	52 145 78	31 65 89	44 40 22	13 23 23	21 120	-
Male householder, no wife present	776 28	640 23	128	8	1 431 237	215 31	185 26	<b>244</b> 42	320 92	262 34	181	24 12
25 ta 34 years 35 ta 44 years	136 87	93 73	43 10	-4	378 190	80 15	42 30	81 31	90 27	69 64	11	5 7
45 ta 64 years65 years and overFemale householder, no husband present	215 310 <b>2 568</b>	186 265 2 182	29 41 <b>353</b>	- 4 33	274 352 <b>3 387</b>	39 50 <b>438</b>	49 38 <b>760</b>	33 57 <b>681</b>	51 60 <b>550</b>	65 30 270	37 117 669	
15 to 24 years	13 120	95	7 25	6 -	345 564	21 143	53 129	82 110	93 120	76 62	12	8
35 ta 44 years 45 ta 64 years	185	157 751	28 93	24	314 817	33 136	90 205	77 213	73 145	34 40	74	7
65 years and aver Medion age YEAR HOUSEHOLDER MOVED INTO UNIT	1 382 56.0	1 179 <b>55.6</b>	200 60.4	3 49.4	1 347 <b>47.9</b>	105 <b>42.3</b>	283 <b>45.4</b>	199 <b>41.8</b>	119 <b>37.2</b>	58 <b>35.6</b>	583 <b>73.2</b>	26.5
1979 to March 1980 1975 ta 1978	728 1 729	595 1 481	128 215	5 33	2 689 2 185	416 439	568 466	610 363	405 370	355 203	299 337	36 7
1970 ta 1974 1960 ta 1969	1 585 2 119	1 407 1 974	161 142	17 3	968 747	182 178	138 215	173 137	133 117	37 56	305 44	_
1959 ar earlier ROOMS 1 raam	3 774	3 438	330	6	577 416	199 6	197	89 11	52 83	28 137	12 179	~
2 raams 3 raams	11 181	56	11 115	10	770 1 904	40 154	30 401	146 425	130 303	41 185	368 421	15 15
4 raams5 raams	1 058 2 106 3 317	808 1 778 3 141	213 311 176	37 17 -	1 965 1 222 599	368 316 326	639 352 147	470 248 53	261 205 63	195 101 10	24	8 -
6 raams7 ar mare raams Median	3 255 6.0	3 112 6.1	143 5.0	4.1	290 3.8	204 4.9	15	19 3.7	32 3.6	10 3.4	5 2.4	5
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	9 902	8 886	952	64	6 909	1 414	1 534	1 348	1 022	601	947	43
0.50 ar less 0.51 ta 1.00 1.01 ta 1.50	7 049 2 764 89	6 305 2 504 77	703 242 7	41 18 5	4 259 2 390 220	807 546 53	1 001 481 52	835 439 54	650 322 45	317 268 9	611 329 7	38 5
1.51 ar mare Lacking complete plumbing for exclusive use	33	9	24	-	40 257	8	50	20 24	5 55	7 78	50	-
0.50 ar less 0.51 ta 1.00 1.01 to 1.50	26 4	9	17	-	131 120	-	30 20	24	22 33	22 56	33 11	-
BEDROOMS	3	-	3	-	6	-	-	-	-	-	6	-
Nane11	11 441 2 999	4 227 2 513	7 208	- 6 47	459 3 264 2 344	6 274	6 683	23 735 480	93 515	152 233 241	179 794	- 30 8
2 3 4	4 691 1 395	4 440 1 323	439 240 72	11	2 344 944 102	567 446 82	694 188 5	480 119 15	330 133	53	24	5
5 ar mare HOUSEHOLD INCOME IN 1979	398	388	10	-	53	39	8	-	6	-	-	-
Less than \$5,000 \$5,000 ta \$9,999 \$10,000 ta \$12,499	971 1 449 712	785 1 280 602	161 165 103	25 4 7	2 311 1 864 682	259 382 119	423 399 203	423 341 131	379 302 112	234 118 55	574 310 50	19 12 12
\$12,500 ta \$14,999 \$15,000 ta \$19,999	751 1 424	654 1 252	80 166	17 6	497 736	114 174	129 212	97 164	67 81	62 82	28 23	-
\$20,000 ta \$24,999 \$25,000 ta \$34,999 \$35,000 ta \$49,999	1 384 1 785	1 290 1 671 811	94 109	5	504 441 69	176 157 19	86 98 15	120 59 8	73 57 6	43 64 21	6	Ξ
\$50,000 ar mare Median	867 592 \$18 818	550 \$19 499	56 42 \$14 344	\$11 071	62 \$8 440	14 \$11 387	19 \$9 641	29 \$8 766	\$7 867	\$9 053	\$4 600	\$5 521
MeanSELECTED CHARACTERISTICS	\$22 072	\$22 380	\$20 040	\$10 216	\$10 953	\$13 807	\$11 557	\$11 873	\$9 604	\$11 818	\$5 734	\$6 596
Heating equipment           Steam ar hat water system           Central warm-air furnace ar electric heat pump	9 927 752 7 618	8 891 670 6 931	<b>972</b> 82 645	64 	7 151 1 380 3 103	1 414 52 889	1 584 115 806	1 372 122 638	1 062 435 312	679 261 160	<b>997</b> 395 290	43 
Other built-in electric units Flaar, wall, ar pipeless furnace	388 164	344 136	31 28	13	744 165	95 48	33 30	82 56	59 5	179 6	261 20	35
Other means Air conditioning Central system	1 005 5 129 1 630	810 4 622 1 469	186 <b>474</b> 152	9 33 9	1 759 2 498 526	330 <b>459</b> 67	600 458 26	474 <b>379</b> 57	251 <b>292</b> 71	73 <b>312</b> 162	31 <b>586</b> 143	12
Vehicles avoilable	8 599 3 872	7 770 3 398	788 453	<b>41</b> 21	4 175 2 998	1 132 670	967 705	<b>780</b> 554	<b>566</b> 447	<b>459</b> 356	- 235	<b>36</b> 31
2 ar mare House heating fuel Utility gas	4 727 <b>9 927</b> 9 114	4 372 8 891	335 972	20 64	1 177 7 151	462 1 414	262 1 <b>584</b>	226 1 372	119 1 062	103 • <b>679</b>	997	5 <b>43</b> 4
8attled, tank, ar LP gas Electricity	9 114 10 698	8 269 5 538	839 5 128	6 	5 846 30 1 193	1 287	1 503 18 56	1 205 12 142	910  107	403  276	534  458	4 - 39
Fuel oil, kerasene, etc.	55 50	29 50	_	26	21 61	7 5	7	13	14 31	_	5	-
Water heating fuel Utility gas 8attled, tank, ar LP gas	9 935 8 560 36	8 895 7 757 30	976 803 6	64 	7 166 5 681 70	1 414 1 226 5	1 584 1 453 24	1 372 1 230 9	1 077 884 13	<b>679</b> 411 19	<b>997</b> 472	<b>43</b> 5 -
Electricity Fuel ail, kerasene, etc	1 339	1 108	167	64 -	1 415	183	107	133	180	249	525 _	38 _
Other Family householder With awn children under 18 years	<b>7 835</b> 3 117	<b>7 174</b> 2 990	<b>630</b> 204	- 31 23	<b>3 515</b> 1 735	970 544	<b>937</b> 416	<b>712</b> 350	440 263	<b>283</b> 145	<b>164</b> 13	- 9 4
With awn children under 6 years Female householder, n. husbond present	1 017 <b>999</b>	948 890	60 101	9 8	940 1 052	314 177	242 275	171 246	118 211	82 122	13 17	- 4
With awn children under 18 years With awn children under 6 years	307 47 <b>2 100</b>	253 42	51 5 346	3	725 259 3 651	131 43	150 66	177 63	165 40	92 41	6 6	4 
Nonfamily householder Income in 1979 below poverty level Percent belaw paverty level	2 100 621 6.3	1 721 497 5.6	346 102 10.5	33 22 34.4	3 651 1 915 26.7	444 284 20.1	647 360 22.7	660 356 25.9	637 349 32.4	396 192 28.3	833 362 36.3	34 12 27.9
					2017	2011		2011		20.0		

### Table B -9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see oppendixes A and 8]

	[Dord ore estimo	res based on o s	comple, see hitto	duction. For me	oning of symbols,	, see introduction	1. For deminion	s of rennis, see	oppendixes A di		
Wheeling city	Totol	l person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Medion	Totol persons
Owner-occupied housing units Nonrelatives present	<b>9 935</b> 221	1999 -	<b>3 429</b> 94	<b>1 744</b> 54	<b>1 457</b> 30	<b>784</b> 28	<b>371</b> 15	96 _	55 -	<b>2.37</b> 2.81	<b>27 692</b> 756
ROOMS           1 to 3 rooms	199 1 058 2 106 3 317 1 560 1 695 6.0	127 399 605 566 149 153 5.3	68 441 870 1 250 396 404 5.8	98 386 650 329 281 6.1	4 88 142 513 360 350 6.5	27 84 209 195 269 6.9	- 5 19 108 102 137 7.0	- 14 29 53 7.7	- - 7 - 48 8.3	1.28 1.79 2.01 2.37 3.21 3.53	415 2 186 4 806 8 864 5 163 6 258 
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	9 902 9 813 89 33 30	1 973 1 973 	3 426 3 426 - - 3 - 3	<b>1 740</b> 1 740 - 4 4	1 457 1 453 - - - -	<b>784</b> 757 27 - - - -	<b>371</b> 347 24 - - - -	96 82 14 - - -	55 35 20 - - -	2.37 2.36 6.06 1.13 1.08 2.00	<b>27 635</b> 27 082 553 <b>57</b> 46
UNITS IN STRUCTURE 1, detoched or attached 2 or more Mobile home or troiler, etc	8 895 976 64	1 642 324 33	3 056 365 8	1 617 118 9	1 356 95 6	727 54 3	350 16 5	92 4 -	55 - -	2.42 1.95 1.47	24 296 3 144 252
Specified owner-occupied housing units           Less than \$10,000           \$10,000 to \$19,999           \$20,000 to \$29,999           \$30,000 to \$39,999           \$40,000 to \$49,999           \$50,000 to \$59,999           \$60,000 to \$19,999           \$50,000 to \$59,999           \$60,000 to \$59,999           \$80,000 to \$59,999           \$100,000 to \$149,999           \$100,000 to \$149,999           \$100,000 or more           Median	8 473 213 889 1 253 1 517 1 517 1 128 1 149 442 283 82 82 \$42 100	1 567 52 286 287 291 300 161 156 15 10 9 \$35 200	2 915 84 320 523 532 464 377 370 153 74 18 \$40 000	1 526 21 136 257 374 205 209 73 84 11 \$45 100	1 299 31 82 117 206 209 243 235 92 58 26 \$50 100	704 25 50 77 158 61 109 107 80 32 5 \$46 900	330 	81 	51  7 8 9 5  8 14 - \$56 500	2.42 2.15 2.00 2.15 2.38 2.49 2.63 2.73 3.23 3.18 3.62	<b>22 506</b> 420 1 839 3 184 4 126 3 888 3 007 3 171 1 334 1 161 376 
SELECTED CHARACTERISTICS All Income levels in 1979 Medion income Medion selected monthly owner costs as percentage of household income	9 935 \$18 818 12.0 16.7	1 999 \$7 374 18.2 30.7	<b>3 429</b> \$17 046 10.2 17.6	<b>1 744</b> \$22 713 10.1 16.0	<b>1 457</b> \$25 089 12.6 15.9	<b>784</b> \$26 087 12.0	<b>371</b> \$27 804 11.6	<b>96</b> \$26 750 13.4 21.2	55 \$52 344 10- 10-	2.37	27 692
With o mortgage Not martgaged Income in 1979 below poverty level Median income Median selected monthy owner costs os percentage of household income	10— 621 \$3 094 37.3	16.1 <b>319</b> \$2 721 42.9	10— 132 \$2 836 40.7	10— <b>49</b> \$3 482 24.3	10— 85 \$4 688 26.7	15.8 10 \$11 250 	13.3 10- <b>22</b> \$4 464 23.2	10— 7 \$3 750 50+	10 10 	 1.47 	
With o mortgage Not martgaged Renter-occupied housing units	50+ 31.5 7 166	50+ 40.7 <b>3 340</b>	29.6 41.1 1 998	50+ 23.4 <b>888</b>	50+ 20.0 <b>519</b>	- - 189	22.5 23.9 168	50+ - 38	- - 26		  14 010
ROOMS	458 416 770 1 904 1 965 1 222 599 290 3.8	3 340 393 650 1 179 671 259 125 63 3.0	268 268 12 98 579 669 402 168 70 4.0	89 11 16 107 360 279 87 28 4.4	41 6 30 171 167 110 35 4.8	19 - - - 58 45 48 38 5.3	26 - 9 28 61 49 21 5.3	38 9 - - - 9 - 29 7.2	20 6 - - - 8 - 12 6 5.9	1.62 2.35 1.03 1.09 1.31 1.97 2.38 2.57 2.93	1 317 422 882 2 664 4 188 3 077 1 790 987
PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use	6 909 6 649 220 40 257 251 - 6	3 135 3 135 3 135 	1 963 1 951 	877 850 16 11 11 11	513 483 30 - - - 6	189 131 58 - - - -	168 70 89 9 - - -	38 29 9 - - - - -	26 	1.66 1.60 5.57 3.23 1.13 1.11 - 4.00	13 702 12 477 1 113 112 308 285 
UNITS IN STRUCTURE 1, detoched or attached 2	1 414 1 584 1 372 1 077 679 997 43	381 583 580 565 374 823 34	411 553 440 282 164 144 4	211 261 202 96 101 17 -	188 103 111 81 30 6 -	102 42 19 14 - 7 5	70 34 15 39 10 -	30 8 - - - -	21 5 - - -	2.29 1.88 1.74 1.45 1.41 1.11 1.13	3 730 3 217 2 547 2 081 1 167 1 197 71
GROSS RENT           Specified renter-occupied housing units           Less than \$100           \$100 to \$149           \$150 to \$199           \$200 to \$249           \$350 to \$349           \$300 to \$349           \$300 to \$499           \$300 to \$499           \$400 to \$499           \$500 or more           No cosh rent           Median           SELECTED CHARACEDISTICE	7 100 1 265 1 171 1 253 945 443 112 114 67 356 \$184	<b>3 323</b> 952 714 620 496 252 89 27 26 25 25 122 \$145	1 975 125 269 444 399 371 139 20 36 16 16 156 \$208	884 85 104 175 188 196 68 24 21 6 17 \$218	<b>505</b> 88 31 95 104 21 103 20 20 20 20 20 23 \$213	181 7 20 34 64 14 10 4 24 \$260	168 10 37 20 17 34 30 5 - - 8 7 5239	<b>38</b> - - - - 7 8 7 \$248	26 5 - 8 7 - 6 - - 5 237	1.61 1.16 1.32 1.65 1.83 2.09 2.45 2.88 2.36 2.03 1.86	<b>13 862</b> 1 892 1 919 2 599 2 562 2 055 1 138 355 339 203 800 
SELECTED CHARACTERISTICS All income ievels in 1979 Median income Median gross rent as percentage of household income – Income in 1979 below poverty level Median income – Median gross rent os percentage of household income –	7 166 \$8 440 23.2 1 915 \$2 920 47.5	<b>3 340</b> \$5 399 27.1 <b>1 014</b> \$2 553 42.1	1 998 \$11 634 20.8 <b>320</b> \$2 827 50+	888 \$11 541 20.0 251 \$2 859 50+	<b>519</b> \$11 578 20.7 <b>170</b> \$4 006 42.5	189 \$12 266 29.8 73 \$4 276 50+	168 \$11 528 18.3 67 \$6 797 26.9	38 \$25 536 20.4 9 \$3 750 37.5	26 \$15 625 15.6 11 \$12 708 35.4	1.62  1.44 	14 010   

	Medion age	56.0	68.1 63.2 52.0 40.7 42.7 42.7 42.7	56.0 51.6 64.4 47.5	<b>55.7</b> <b>433.7</b> <b>55.8</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.7</b> <b>55.9</b> <b>55.7</b> <b>55.9</b> <b>55.7</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.955.9</b> <b>55.9</b> <b>55.9</b> <b>55.9</b> <b>55.955.9</b> <b>55.9</b> <b>55.9</b> <b>55.95555555555555</b>	47.9	62.3 41.3 33.8 37.8 37.8	47.6 36.0 55.4 22.5	<b>47.9</b> 387.9 386.7 555.7 56.5 56.5 56.5 56.5 56.5 56.5
	65 yeors and over	1 382	961 333 19 12 122 1955	1 366 - 16	<b>1 135</b> <b>98</b> <b>1 135</b> <b>98</b> <b>1 149</b> <b>1 1 16</b> <b>1 1 1 1 16</b> <b>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </b>	1 347	1 187 1187 1187 1187 1187 1187 1187 1187	1 328 11 19	<b>1 338</b> 171 171 172 112 112 122 112 211 211 213 28.7 28.7
d present	45 to 64 yeors	868	479 213 37 35 35 1.41 1.41	862 - -	<b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7988</b> <b>7998</b> <b>7998</b> <b>7998</b> <b>7998</b> <b>7998</b> <b>7998</b> <b>7998</b> <b>799</b> <b>799</b> <b>799</b> <b>799</b> <b>799</b>	817	570 150 20 1.22 1 236	775 17 42 -	817 128 839 839 839 839 839 839 835 28.5 28.5
der. no husbond	to 4	185	37 45 73 23 2.64 518	185	<b>707</b> <b>707</b> <b>70</b> <b>70</b> <b>70</b> <b>70</b> <b>70</b> <b>70</b>	314	73 69 69 11 2.71 950	314 23 	<b>310</b> 330 332 332.0 32.0 32.0
Femole householder.	25 to 34 yeors	120	20 20 380 380 380	120	0 1	564	193 193 192 198 1.98 1 375	564 35 -	<b>564</b> 108 768 768 768 150 150 53 53 53 53 53 53 53 53 53 53 53 54 53 55 53 55 53 55 55 55 55 55 56 55 56 56 56 56 56 56
1	15 to 24 years	13	11 1.00 11	<u>8</u>		345	158 158 57 34 88 1.66 882	311 9 34	<b>345</b> 46 345 34 16 18 18 19 10 11 11 27 4
B]	65 yeors ond over	310	235 65 5 7 1.16 1.16	310	258 259 265 265 251 255 255 255 255 255 255 255 255 25	352	317 26 9 - 1.06 1.06 365	296 - 56	<b>352</b> 51 51 53 53 53 53 53 52 53 52 53 52 53 53 53 53 53 53 53 54 53 54 53 54 53 54 53 54 55 54 55 56 56 56 56 56 56 56 56 56 56 56 56
oppendixes A ond ife present	45 to 64 yeors	215	121 33 40 8 8 1.39 8 1.39 1.39	208 - 3	0 10 10 10 10 10 10 10 10 10 10 10 10 10	274	252 11 1.04 313	238 - 36	<b>274</b> 66 11 11 15 57 57 57 57 57
s, see	4 2	87	38 17 19 13 1.82 227	87	<b>70</b> <b>70</b> <b>70</b> <b>70</b> <b>70</b> <b>70</b> <b>70</b> <b>70</b>	190	142 142 25 25 9 1.17 323	190 	<b>790</b> 84 86 15 17 17 17 17
Mole householder	25 to 34 yeors	136	88 28 14 1.27 226	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. 1. 1. 236 8. 1. 1. 4. 9. 9 <b>50 9</b> 1. 1. 1. 1. 236 8. 1. 1. 4. 9. 9 9 1. 8. 1. 1. 1. 1. 236 9. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	378	250 105 14 14 52 522	349 29 29	<b>370</b> 153 153 88 88 88 33 33 30 30 30 30 16.6
Introduction. For	15 to 24 years	28	13	<u>89      </u>	₩₩ ₩₩ 1114.00.1011111111111111111111111111111	237	2.00	224	<b>237</b> 88 34 34 7 7 6 6 6 6 6 6 8 3 3 7 27 33 27 33 27 33
symbols, see Intr	65 yeors ond over	1 393	1 142 168 168 168 28 28 201 3 073	1 393 10	<b>1 224</b> <b>134</b> <b>135</b> <b>136</b> <b>136</b> <b>137</b> <b>138</b> <b>138</b> <b>137</b> <b>137</b> <b>138</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>137</b> <b>11</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b>	462	421 33 8 886 886	462 - -	<b>443</b> 68 68 68 113 8 81 81 81 81 23.3 23.3
neaning of	45 to 64 yeors	2 882	1 132 844 453 244 209 209 512 9 512	2 878 59 4	<b>2 538</b> 769 769 769 137 137 137 55 55 137 55 55 137 55 137 55 137 55 137 10 10 10	507	223 121 65 65 33 2.75 1 642	507 40 -	<b>500</b> 164 164 61 822 822 822 822 822 81 8.4 81 8.4
oduction. For r -couple fomilies	, to	1 072	43 117 252 217 217 4,35 4,901	1 072 14 -	<b>795</b> 795 795 161 161 185 195 195 196 196 196 196 196 196 196 196 196 196	259		250 43 9	<b>245</b> 74 74 26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27
omple, see Introdi Morried-co	25 to 34 yeors	1 097	233 275 366 188 356 3.61 3.61 3.836	1 097 6 -	990 2557 2557 2557 2557 2557 214 37 122 121 147 180 180 101	689	277 134 158 34 36 2.82 1 877	633 31 6	<b>639</b> 639 94 94 84 84 16.8 16.8
s bosed on o s	15 to 24 years	147	2.54 1.2 4.2 4.2	2	0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	481	2.38 153 153 153 1212	468 37 13	21-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-
[Data are estimotes bosed on o somple, see Introd Morried-co	Totel	9 935	1 999 3 429 1 744 1 457 784 522 2 37 27 692	9 902 89 33 33	<b>8</b> 473 3 728 1 619 555 555 555 1 132 2 8 73 2 8 73 2 8 73 2 8 75 2 8 75 2 8 75 2 8 75 2 8 73 2 8 74 2 8 74	7 166	3 340 1 998 519 189 189 189 1.62 14 010	6 909 260 257 6	7 100 7 100 1 133 526 526 1 072 526 1 072 526 526 526 526 526 526 526 526 526 52
0]	Wheeling city	Owner-occupied housing units	PERSONS IN UNIT Person	PLUMBING FACILITIES BY PERSONS PER ROOM Complete blumbing for exclusive use	OWNER COSTS AF PER ENTAGE OF HOUSEHOLD NCOME IN 1979 Specialed owner-occupied housing units	Renter-occupied housing units	PERSONS IN UNIT 1 person 2 person 3 persons 4 persons 6 or more persons 1001 persons 1010 persons	PLUMBING FACILITIES BY PERSONS PER ROOM Complete plumbing for exclusive use 1.01 or more persons per room	GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979 Specified renter-occupied housing units 15 to 19 percent

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

# Table B – 11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Ooto ore estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see oppendixes A and B]

			sompre, see	Mole hous		or symbols,	see miloudes	Female householder						
Wheeling city	Totol	Totol	15 to 24 yeors	25 to 34 years	35 to 44 yeors	45 to 64 yeors	65 yeors and over	Totol	15 to 24 yeors	25 to 34 yeors	35 to 44 yeors	45 to 64 yeors	65 yeors and over	
Owner-occupied housing units PLUMBING FACILITIES	1 999	495	13	88	38	121	235	1 504	13	14	37	479	961	
Complete plumbing for exclusive use Locking complete plumbing for exclusive use	1 973 26	491 4	13	88	38	117 4	235	1 482 22	13	14	37	473 6	945 16	
UNITS IN STRUCTURE 1, detached or ottoched 2 or more	1 642	401 86	13	53 35	27 7	102 19	206 25	1 241 238	-7	14	22 15	414 49	791	
Mobile home or troiler, etc HOUSEHOLD INCOME IN 1979	33	8	-	-	4	-	4	25	6	-	-	16	3	
Less thon \$5,000\$5,000 to \$9,999	671 651	82 123	7	8	7 5	11 21	57 89	589 528	6 7	_	4 22	144 187	435 312	
\$10,000 to \$12,499 \$12,500 to \$14,999 \$15,000 to \$19,999	226 113 135	76 48 33	- - 6	12 31	4	14 6 27	46	150 65 102	-	6	-	62 23 42	88 42 43	
\$20,000 to \$24,999 \$25,000 to \$34,999	61 78	40 56	-	14 10	12	8 34	18 _	21 22	_	8	-	67	7	
\$35,000 to \$49,999 \$50,000 or more Median	22 42 \$7 374	/ 30 \$11 398	- - \$2500	/ 6 \$14 435	- 6 \$14 375	- \$17 125		15 12 \$6 482		- \$22 813	- \$8 958		15 4 \$5 646	
Meon MORTGAGE STATUS AND SELECTED MONTHLY	\$11 207	\$17 465	\$8 510	\$19 979	\$20 608	\$16 509	\$17 002	\$9 147	\$6 423	\$21 360	\$10 135	\$8 854	\$9 114	
OWNER COSTS Specified owner-occupied housing units	1 567	389	13	45	27	102	202	1 178	-	14	18	379	767	
With a mortgage Less than \$200 \$200 to \$249	282 99 55	<b>83</b> 22 8	13 	31 8 8	12	20 7 	7 7	199 77 47	-	14	12	<b>94</b> 31 26	79 46 21	
\$250 to \$299 \$300 to \$349	47	14 15	7	7 8		7	_	33 26	~	- 6	5 7	22 7	6	
\$350 to \$399 \$400 to \$499 \$500 to \$599	20 20	12 12 -	6 	-	6 6 	6	-	8 8 —	-	8	-	8	-	
\$600 to \$749 \$750 or more Medion	- \$238	- \$291	- \$346	- _ \$247	- \$400	- \$271	- - \$175	- \$224	-	- - \$456	- \$307	- \$231	- - \$184	
Not mortgaged Less than \$50	1 285 18	<b>306</b> 6	4040 -	,\$247 14 -	15	82	195	979 12	=	φ450 - -		285	688 12	
\$50 to \$74 \$75 to \$99 \$100 to \$124	376 469 223	77 115 49	_	  8	4 6 5	9 39 11	64 70 25	299 354 174	-	-	-	57 140 53	242 214 121	
\$125 to \$149 \$150 to \$199	93 80	47 12	_	6	-	23	18 12	46 68	_	_	_ 6	7 28	39 34	
\$200 to \$249 \$250 or more Median	21 5 \$88	- 590	-	- \$122	- \$90	- \$96	- _ \$85	21 5 \$88	-	-	- _ \$175	- \$90	21 5 \$86	
SELECTED CHARACTERISTICS Medion selected monthly owner costs as percentage of														
household income in 1979 With a mortgage Not mortgaged	18.2 30.7 16.1	12.7 24.8 10.8	<b>50</b> + 50+	13.0 20.3 10.6	<b>12.9</b> 15.0 10—	<b>10 —</b> 32.5 10 —	<b>13.5</b> 50+ 13.2	<b>20.6</b> 31.7 18.5	=	<b>25.6</b> 25.6	28.3 41.4 27.5	<b>19.3</b> 24.7 16.3	20.8 41.5 19.2	
Income in 1979 below poverty level Percent below poverty level	<b>319</b> 16.0	28 5.7	7 53.8	-	3 7.9	4 3.3	14 6.0	<b>291</b> 19.3	<b>6</b> 46.2	-	4 10.8	108 22.5	173 18.0	
Renter-occupied housing units	3 340	1 159	198	250	142	252	317	2 181	158	193	73	570	1 187	
PLUMBING FACILITIES Complete plumbing for exclusive use Locking complete plumbing for exclusive use	3 135 205	1 030 129	185 13	226 24	142	216 36	261 56	2 105 76	133 25	193	73	538 32	1 168	
UNITS IN STRUCTURE  1, detoched or ottached	381	149	25	44	6	34	40	232	4	60	7	95	66	
23 ond 45 to 9	583 580 565	134 185 265	26 21 80	21 56 57	18 27 22	38 33 51	31 48 55	449 395 300	17 25 54	60 21 36	13 16 16	124 169 89	66 235 164 105	
10 to 49 5C or more	374 823	236 171	34	61 11	56 6	59 37	26 117	138 652	44 6	16	14	19 74	45 572	
Mobile home or troiler, etc HOUSEHOLD INCOME IN 1979	34	19	12	-	7	-	-	15	8	-	7	~		
Less than \$5,000	1 597 945 278	371 355 87	51 89 26	11 46 42	18 33	121 78 9	170 109 10	1 226 590 191	70 62 21	25 59 77	21 25 13	320 176 31	790 268 49	
\$12,500 to \$14,999 \$15,000 to \$19,999	186 176	98 111	9 16	73 53	26	10 11	6 5	88 65	5	19 7	8	28 11	28 41	
\$20,000 to \$24,999 \$25,000 to \$34,999 \$35,000 to \$49,999	81 47 11	71 36 11	7	13 6 -	32 19 6	13 - 5	11	10 11 	-	6	-	4 - -	65	
\$50,000 or more Median Meon	19 \$5 399 \$7 619	19 \$8 239 \$10 775	\$7 308 \$7 762	6 \$13 390 \$15 792	8 \$19 211 \$20 003	5 \$5 255 \$8 305		\$4 611 \$5 941				\$4 466 \$5 594	\$4 229 \$5 361	
GROSS RENT Specified renter-occupied housing units	3 323	1 151	\$7 702 <b>198</b>	\$13 772 242	\$20 003 <b>142</b>	\$6 505 <b>252</b>	317	2 172	158	\$7 000 <b>193</b>	73	\$ <sup>5</sup> 574	1 178	
Less thon \$100 \$100 to \$149	952 714	212 284	16 32	15 55	6 24	61 79	114 94	740 430	31 48	8 14	34	138 144	563 190	
\$150 to \$199 \$200 to \$249 \$250 to \$299	620 496 252	252 184 155	52 56 26	66 71 30	44 20 48	45 13 31	45 24 20	368 312 97	37 35	45 55 26	13 14	124 52 44	149 156 27	
\$300 to \$349 \$350 to \$399 \$400 to \$499	89 27	9 12	4 - 7	-	-	5 5	7	80 15 7	7	37	6	18 4	19	
\$500 or more No cosh rent	26 25 122	19 5 19	5	5 	-	7 - 6	- 13	20 103	=		- 6	5 41	15 48	
SELECTED CHARACTERISTICS	\$145	\$164	\$199	\$185	\$195	\$130	\$118	\$136	\$160	\$227	\$150	\$140	\$100	
Median gross rent os percentage of household income in 1979 Income in 1979 below poverty level	27.1 1 014	22.1 267	29.3 51	16.7 11	15.6 11	34.7 101	22.2 93	29.3 747	31.7 39	26.8 16	28.3 13	30.7 243	29.0 436	
Percent below poverty level	30.4	23.0	25.8	4.4	7.7	40.1	29.3	34.3	24.7	8.3	17.8	42.6	36.7	

# Table B-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

	[Doilo ole comm				· · · · · · · · · · · · · · · · · · ·				
Wheeling city	Totoł	Less thon 2 months	2 up to 6 months	6 or more months	Wheeling city	Totol	Less thon 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	114	22	61	31	Vacant for rent housing units	577	191	254	132
ROOMS					ROOMS				
1 to 3 rooms	10	-	5	5	1 room	58	23	16	19
4 rooms5 rooms	6	- 6	6 11	_	2 rooms 3 rooms	28 175	7 48	19 90	2 37
6 rooms	53	ő	34 5	13	4 rooms	179	68	72	39
7 rooms8 or more rooms	5 23	10	_	13	5 rooms6 rooms	68 54	41	24 33	3
Medion	6.0	6.3	5.8	6.3	7 or more rooms	15 3.7	3.8	3.5	15 3.7
PLUMBING FACILITIES					Medion	3.7	3.0	3.5	5.7
Complete plumbing for exclusive use	114	22	61	31			107		100
Locking complete plumbing for exclusive use	_		_		Complete plumbing for exclusive use Lacking &omplete plumbing for exclusive use	547 30	1.87 4	237 17	123 9
BEDROOMS					BEDROOMS				
None1	16	_	11	5	None	60	23	16	21
2	12 63	6	6 44	13	1	251	59	142	50
4	7	10	-	7	23	203 42	82 27	87	34 15
5 or more	. 16	10	-	0	4 5 or more	8	-	5	3
YEAR STRUCTURE BUILT						13	~	4	9
1975 to Morch 1980 1970 to 1974	6	6	-	-	YEAR STRUCTURE BUILT				
1960 to 1969	, 7 18	-	13	7	1975 to March 1980 1970 to 1974	1 22	1	11	-
1950 to 1959 1940 to 1949	16	_	8	8	1960 to 1969	57	18	13	26
1939 or eorlier	66	15	40	11	1950 to 1959 1940 to 1949	2 84	- 45	- 35	2
UNITS IN STRUCTURE			1		1939 or eorlier	411	116	195	100
1, detached or ottoched2 or more	85 29	16	43 18	26	UNITS IN STRUCTURE				
Mobile home or troiler	-	-	-	-	1, detoched or ottached	131	48	50	33
HEATING EQUIPMENT					2 3 ond 4	121 131	36 40	67 49	18 42
Centrol heating system	82	16	49	17	5 to 9	79 77	23 31	32	24
Other meons	27	6	7	14	10 to 49 50 or more	38	13	46 10	15
	,	_	5		Mobile home or troiler	-	-	-	-
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units Less than \$10,000	85 7	16	<b>43</b> 7	26	Specified vacant for rent housing units	577	191	254	132
\$10,000 to \$19,999	8	-	-	8	Less thon \$100	123 188	28 67	57 85	38
\$20,000 to \$29,999 \$30,000 to \$39,999	5	5	_	-	\$100 to \$149 \$150 to \$199	167	54	84	36 29
\$40,000 to \$49,999 \$50,000 to \$59,999	21 28	10	15 13	6	\$200 to \$249 \$250 to \$299	59 33	19 23	18 10	22
\$60,000 to \$79,999	9	1	8	-	\$300 to \$399	7	-	-	7
\$80,000 to \$99,999\$100,000 or more	7		_	7	\$400 or more Medion	\$136		\$116	\$125
Medion	\$50 600	\$56 500	\$49 800	\$44 200					

# Table B-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

	Price osked—Specified vocont for sole only housing units								Rent oskedSpecified vocont for rent housing units						
Wheeling city	Totol	Less thon \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Medion (dollors)	Totol	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)	
Totai	85	7	13	21	44	-	50 600	577	123	355	92	7	-	136	
PLUMBING FACILITIES															
Complete plumbing for exclusive use Locking camplete plumbing for exclusive use	85 	7	13	21	44	Ξ	50 600	547 30	113 10	335 20	92 _	7		146 105	
BEDROOMS											ι,				
None 1 2 3 4 5 or mare	- 4 58 7 16	- - 7 -	- - 13 -	- 4 11 - 6	- 27 7 10	-	42 500 49 100 85 000 56 000	60 251 203 42 8 13	7 71 45 - -	53 132 119 42 5 4	44 39 - 9	4 - 3 -		127 131 123 155 178 207	
YEAR STRUCTURE BUILT           1975 to Morch 1980	– 1 7 18 16 43	- - - 7	- - - 8 5	- - - 21	– 1 7 18 8 10	- - - -	62 500 85 000 53 500 37 500 44 800	1 22 57 2 84 411	6 32 13 72	5 19 53 278	1 11 6 2 18 54	- - - 7		213 220 96 213 130 147	
UNITS IN STRUCTURE  1, detached or attoched 2 or more Abile home or troiler	85 	7	13 	21 	44		50 600	131 446 -	28 95	73 282	30 62	7 		170 135 –	

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METROPOLITAN HOUSING CHARACTERISTICS

# Appendix A.—Area Classifications

REGIONS	A-1
STATES	A-1
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### REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

### STATES

The 50 States and the District of Columbia are the constituent units of the United States.

### PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

### **Incorporated Places**

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six New England States, New York, and Wisconsin.

### **Census Designated Places**

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

### STANDARD METROPOLITAN STATISTICAL AREAS

### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the nonmetropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

### **SMSA** Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's, with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

### **New SMSA Standards**

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants,* PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

### **AREA MEASUREMENT**

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

# Appendix B.— Definitions and Explanations of Subject Characteristics

B-1

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GENERAL
LIVING QUARTERS
Housing Units. Comparability With 1970
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ing Houses, Etc.
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CHARACTERISTICS
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Child
Nonrelative
Age of Householder
Household Type
Year Householder Moved
Into Unit.
Vacant Housing Units
Duration of Vacancy
Tenure
Condominium Housing Units
Comparability With 1970
Census Condominium
Housing Unit Data
Race of the Householder
Comparability Between Sam-
ple and 100-Percent Data
for Race of the Householder
Comparability With 1970
Census Data on Race of the Householder
Spanish/Hispanic Qrigin of
the Householder
Limitations of the Data
on Householders of
Spanish/Hispanic Qrigin
Comparability Between
Sample and 100-Percent
Data on Householders of
Spanish/Hispanic Origin
Comparability With 1970
Census Data on House-
holders of Spanish Qrigin
and Householders of Spanish Heritage
Spanish Heritage UTILIZATION
UTILIZATION

CHARACTERISTICS					-				
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Persons Rooms Persons Per Room Bedrooms STRUCTURAL	B-6 B-6 B-6 B-6
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### GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the guestionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

### 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 onefamily home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a night quard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. 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 next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data - Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters - Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group guarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc. – 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 who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels 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 direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

### OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units-A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder – One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as ''own children'' are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age. Nonrelative — A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit – Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**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. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

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 they are open to the elements; i.e., the roof, walls, windows, and/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**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered ''For sale only,'' including individual units in cooperatives and condominium projects if the individual units are offered ''For sale only.''

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale. **Duration of Vacancy** — 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 (see item D in appendix E). 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.

**Tenure**—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. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category ''White'' includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked ''Other'' and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the ''Other'' race category. In the 1970 census, most of these persons were included in the ''White'' category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category ''American Indian, Eskimo, or Aleut'' includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as ''American Indian.''

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder-Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, Detailed Housing Characteristics, and PC80-1-C, Social and Economic Characteristics of the Population.

Comparability With 1970 Census Data on Race of the Householder—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as ''All other races'' in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion-38 percent-of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/ Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/ Hispanic'' origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin-A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin-The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, " Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage-The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtly resulted in the inclusion of a sizable but unknown number of persons of Spanish/ Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 guestion.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census Metropolitan Housing Characteristics reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms-The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—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 sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—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. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities** – The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

Heating Equipment-Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room-heaters without flue or vent that burn gas, oil, or kerosene: and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central heat pumps were included as part of the category ''Warm-air furnace'' and individual room heat pumps were included in the category ''Built-in electric units.'' In 1980, heat pumps have been combined and are included in this report in the category ''Central warm-air furnace or electric heat pump.''

Air Conditioning-"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a 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 system with individual room controls is a central 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 (see question H27 in appendix E).

Vehicles Available - Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water **Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see guestion H21 in appendix E).

### FINANCIAL CHARACTERISTICS

**Value** – Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owneroccupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only onefamily houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner ćosts are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979-Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except onefamily houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

*Rent Asked.* For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979-Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty 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, medicare deductions, etc.

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" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; 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.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas, PHC80-3, and in the Supplementary Reports, Advance Estimates of Social, Economic, and Housing Characteristics, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

**Comparability With 1970 Census Income Data**—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related 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. Income of persons living in the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979-Households are classified below the poverty level when the total 1979 income of the family or of the nonfamily householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, General Social and Economic Characteristics, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social*, *Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

# Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

-				- , <b>,</b>		,				
	Weighted			R	elated chi	ldren unde:	r 18 years			
Size of Family Unit	average thresholds	None	1	2	3	4	5	6	7	8 or more
l person (unrelated individual)	3,686	3,686								
Under 65 years	3,774	3,774		• • •					• • •	
65 years and over	3,479	3,479	•••			•••	•••	•••	• • •	•••
2 persons	4,723	4,723					·			
Householder under 65 years	4,876	4,858	5,000							
Householder 65 years and over	4,389	4,385	4,981				•••		•••	•••
3 persons	5,787	5,674	5,839	5,844						
4 persons	7,412	7,482	7,605	7,356	7,382				• • •	
5 persons	8,776	9,023	9,154	8,874	8,657	8,525				
6 persons	9,915	10,378	10,419	10,205	9,999	9,693	9,512			
7 persons	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429		
8 persons	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	
9 or more persons	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024



# Appendix C.—General Enumeration and Processing Procedures

### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

### **Armed Forces**

Members of the Armed Forces living on a military installation were counted, as in every previous census, as res: 'ents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a longterm overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

### **Crews of Merchant Vessels**

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### **Citizens of Foreign Countries**

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an ernbassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

### DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the longform questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

### PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed. "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer 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. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

# Appendix D.—Accuracy of the Data

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### INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error-sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

### SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

guestionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group guarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator systematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

### **ERRORS IN THE DATA**

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to underreport their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

### Calculation of Standard Errors

Totals and Percentages-Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- a. Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- b. Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- c. Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—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 following three situations:

- a. For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- b. For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se<sub>x</sub> and Se<sub>y</sub> of estimates x and y:

Se 
$$(x+y) = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively) correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

c. For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means-The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians-For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as N/2). Treat N/2 as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and Compute the desired confidence D. interval about N/2. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about N/2. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about N/2. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

### **Confidence Intervals**

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

# Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

### **ESTIMATION PROCEDURE**

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

### PERSONS

### Stage I-Type of Household

Group Persons in Housing Units With a Family With Own Children Under 18

2 persons in housing unit

1

2

3

11

- 3 persons in housing unit
- 4 persons in housing unit
- 4 5 to 7 persons in housing unit 5 8 or more persons in housing unit

Persons in Housing Units With a Family Without Own Children Under 18

6-10 2 persons in housing unit through 8 or more persons in housing unit

> Persons in All Other Housing Units

- 1 person in housing unit
- 12-16 2 persons in housing unit through 8 or more persons in housing unit

17 Persons in group quarters

### Stage II-Householder/ Nonhouseholder

### Group

1 Householder

2 Nonhouseholder (including persons in group quarters)

### Stage III-Age/Sex/Race/Spanish Origin

Group White Race

> Persons of Spanish Origin Male

1	0 to 4 years of age							
2	5 to 14 years of age							
3	15 to 19 years of age							
4	20 to 24 years of age							
5	25 to 34 years of age							
6	35 to 44 years of age							
7	45 to 64 years of age							
8	65 years of age or older							

	Female			
9-16	Same	age	categories	as
	grou	ps 1	to 8	

Persons Not of Spanish Origin 17-32 Same age and sex categories as groups 1 to 16

### Black Race

Same age-sex-Spanish origin 33-64 categories as groups 1 to 32

### Asian, Pacific Islander Race

65-96 Same age-sex-Spanish origin categories as groups 1 to 32

> American Indian, Eskimo, or Aleut Race

97-128 Same age-sex-Spanish origin categories as groups 1 to 32

### Other Race (includes those races not listed above)

129-160 Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 householdtype categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

### OCCUPIED HOUSING UNITS

### Stage I-Type of Household

Group	Housing Units With a Family
	With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
2 3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing
	unit
	Housing Units With a Family
	Without Own Children Under 18
6-10	2 persons in housing unit
	through 8 or more persons
	in housing unit
	All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit
	through 8 or more persons
	in housing unit
Stage	e II—Tenure/Race and Origin
	Jourshalder/Value or Pont

# of Householder/Value or Rent

Group	Owner !
,	White Race (householder)
	Persons of Spanish Origin
	(householder)
	Value of House
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners

Persons Not of Spanish Origin

9-16	Same value categories as groups 1 to 8	400
17-32	Black Race Same value—Spanish origin categories as groups 1 to 16	169
33-48	Asian, Pacific Islander Race Same value—Spanish origin categories as groups 1 to 16	<i>Gro</i> 1 2 3
49-64	American Indian, Eskimo, or Aleut Race Same value—Spanish origin categories as groups 1 to 16	ح cedi plin if th the
65-80	Other Race (includes those races not listed above) Same value—Spanish origin categories as groups 1 to 16	plin app The stan mos
ł	Renter White Race	belo simi
	Persons of Spanish Origin	weig proe
	Rent Categories	sam
81	\$1 to \$59	siste
82	\$60 to \$99	for
83 84	\$100 to \$149 \$150 to \$199	grou
85	\$200 to \$249	
86	\$250 to \$299	00
87	\$300 to \$399	CO ER
88	\$400 to \$499	En
89	\$500+	As
90	Other Renter	is p
91	No Cash Rent	cou
	Partone not of Spanish	cou
	Persons not of Spanish origin	the
	ongm	drar
92-102	Same rent categories as	pure poss
	groups 81 to 91	sam
	Black Race	and
103-124	Same rent-Spanish origin	Bur
	categories as groups 81	trol
	to 102	coll
	Asian, Pacific Islander Race	prin the
125-146	Same rent-Spanish origin	erro
	categories as groups 81	thes
	to 102	upo
	American Indian, Eskimo,	actu
147-168	or Aleut Race Same rent-Spanish origin	To of
147-100	categories as groups 81	erro
	to 102	will

Other Race (includes those races not listed above) -190 Same rent-Spanish origin categories as groups 81 to 102

### VACANT HOUSING UNITS

### up

Vacant	for	Rent	
Vacant	for	Sale	

Other Vacant

The estimates produced by this proure realize some of the gains in samg efficiency that would have resulted ne population had been stratified into ratio estimation groups before samg, and the sampling rate had been lied independently to each group. net effect is a reduction in both the dard error and the possible bias of at estimated characteristics to levels ow what would have resulted from ply using the initial (unadjusted) aht. A by-product of this estimation cedure is that the estimates from the ple will, for the most part, be conent with the complete-count figures the population and housing unit ups used in the estimation procedure.

### NTROL OF NONSAMPLING ROR

mentioned above, nonsampling error present in both sample and complete nt data. If left unchecked, this error Id introduce serious bias into the data, variability of which could increase matically over that which would result ely from sampling. While it is imsible to completely eliminate nonpling error from an operation as large complex as the 1980 census, the eau of the Census attempted to conthe sources of such error during the ection and processing operations. The nary sources of nonsampling error and programs instituted for control of this r are described below. The success of e programs, however, was contingent n how well the instructions were ually carried out during the census. the extent possible, both the effects these programs and the amount of r remaining after their application be evaluated.

Undercoverage-It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error-The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each In addition, respondents' household. answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, longform field edit procedures would recognize the situation, and a followup attempt to obtain the information would he made

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and followup operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

# 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.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, 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 renterbeiquoco unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

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.

### ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

# Table A. Unadjusted Standard Errors for Estimated Totals

[Based	on	a 1.	-in-6	simple	random	sample]
--------	----	------	-------	--------	--------	---------

Estimated							Size	e of public	cation area	2/				
Total <u>1</u> /	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50	16 20	16 21	16 22	16 22	16 22	16 22	16 22	16	16 22	16 22	16 22	16	16 22	16 22
250	25	30 35	35	35	35 50	35	35 50	35	35	35	35	35	35	35
500	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500 5 000	-	-	-	80 -	95 110	110 140	110 150	110 150	110 160	110 160	110 160	110 160	110 160	110 160
10 000 15 000	-	-	-	-	-	170 170	200 230	210 250	220 270	220 270	220 270	220 270	220 270	220 270
25 000	-	-	-	~	-	-	250	310	340	350	350	350	350	350
75 000	-	-	-	-	_	-	-	310	510 550	570 630	590 670	610 700	610 700	610 710 (
250 000 500 000	-	-	-	-	-	-	-	-		790	970 1 120	1 090 1 500	1 100 1 540	1 100 1 570
1 000 000	-	-	-	-	-	-	-	-	-	-	_	2 000	2 120 3 540	2 190
10 000 000	-	-	-	-	-	-	-	-	-	-	-	-	- 10	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

Se 
$$(\hat{Y}) = \sqrt{5\hat{Y}(1-\hat{Y})}$$
  
N = Size of area

 $\hat{Y}$  = Estimate of characteristic total

2/ The total count of housing units in the area.

### Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

EstImated Percentage						Base	of percen	tage 1/					
, i i i i i i i i i i i i i i i i i i i	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000
2 or 98	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90	3.0	2.4	2+1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1,1	0.7	0.5	0.4	θ.2	0.2

 $\underline{1}/$  For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

Se 
$$(\hat{p}) \approx \sqrt{\frac{5}{B}\hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

p = EstImated percentage

# Table C. Standard Error Adjustment Factors

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
	······		
Household type	1.1	0.9	0.5
Age and sex of householder	1.0	1.0	0.5
Occupancy status	1.1	0.9	0.5
Vacant price asked and vacant rent asked	1.1	0.8	0.5
Tenure	1.1	0.9	0.5
Units in structure	1.1	1.0	0.5
Stories in structure	0.9	0.6	0.5
Passenger elevator	0.9	0.6	0.4
Persons in unit	1.1	0.9	0.5
Year structure built Year householder moved into	1+1	0.9	0.5
housing unit	1.1	0.9	0.5
leating equipment and fuel	1.1	0.9	0.
Number of bedrooms	1.1	0.9	0.
Rooms	1.1	0.9	0.
Telephone in housing unit	1.1	0.9	0.
Air conditioning	1.1	1.0	0.
Vehicles available	1.1	0.9	0.
Gross rent and contract rent Gross rent as a percentage of household	1.1	0.9	0.1
income in 1979 Mortgage status and selected	1.1	0.8	0.
monthly owner costs	1.1	0.9	0.
Household income	1.1	0.9	0.
Poverty status: Housing Existence of complete plumbing for exclusive use with 1.01 persons	1.1	0.9	0.
per room or more	1.1	0.9	0.1
Value	1.0	1.0	0.5

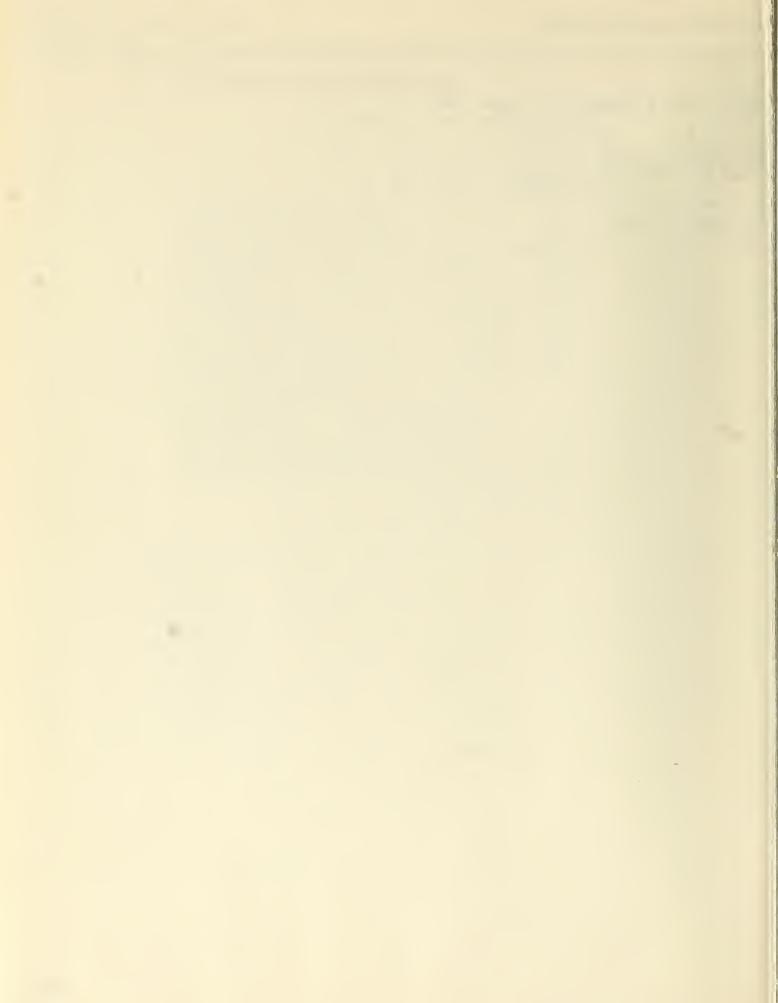
[Percent of persons or housing units in sample]

.

# Table D. Percent of Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see oppendixes A and B]

The SMSA	Housing units					
Places of 50,000 or More and Central Cities of SMSA's	100-percent count	Percent in sample				
The SMSA	71 785	20.0				
PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's						
Wheeling city	18 338	15.8				



# Appendix E. — Facsimiles of Respondent Instructions and Questionnaire Pages

### **INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10**

- 1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
- 2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

- 3. Be sure to fill a circle for the sex of each person.
- 4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
- 5. Enter age at last birthday in the space provided (enter "O" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
- 6. If the person's only marriage was annulled, mark Never married.
- 7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
- 8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
- 9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the General Educational Development (GED) examination, should fill the circle for the 12th grade.

 Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

#### **INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12**

- H4. Mark only one circle. This address means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. 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 bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark Owned or being bought if 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, military housing, 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.

- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. 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.
- 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. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid: Multiply rent by:	If ren	it is paid:	Divide rent by:
By the day 30	2 ti	mes a year	3
By the week 4		mes a year	6
Every other week 2		e a year	12

### **INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20**

H13. Mark only one circle.

Deteched 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.

Mark A one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.
- H15a. 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.

H16. 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 one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. Dug wells are generally hand dug and are wider.

- H17. 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.
- H19. The term person in column 1 refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.
- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An electric heat pump is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

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 and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

### **INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32**

- H21. Gas from underground pipes is piped in from a central system such as one operated by 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.
- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or 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 ( $\langle \rangle$ ) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.
- H25. Answer Yes only if the telephone is located in your living quarters.
- H27. Count only equipment used to cool the air by means of a refrigeration unit.
- H28 K29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.
- H30- H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.
- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.
- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.
- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

### **INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14**

### 11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

#### For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's *ability* to speak English.
  - The circle Very well should be filled for persons who have no difficulty speaking English.
  - (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
  - (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
  - (4) The circle Not at all should be filled for persons who do not speak English at all.
- 14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

#### **INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20**

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).
  - b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.
    - Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.
    - Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.
    - Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.
    - Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.
- 17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.
  - b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.
  - c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.
- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.
  - b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.
- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.
- Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

### INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

- 21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

### Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc. Active duty in Armed Forces.

Do not count as work: Housework or yard work at home. Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the actual number of hours worked at all jobs last week, even if that was more or fewer hours than usually worked.
- 23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked most last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
  - b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
  - c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.
  - d. Do not include riders who rode to school or some other non-work destination.
- If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.
- 26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.
  - b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

### **INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29**

- 27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.
- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."
  - b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity at the place where the person works. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable	Acceptable		
Furniture company	Metal furniture manufacturing		
Grocery store	Wholesale grocery store		
Oil company	Retail gas station		
Ranch	Cattle ranch		

c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable	Acceptable
Clerk	Production clerk
Helper	Carpenter's helper
Mechanic	Auto engine mechanic
Nurse	Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

#### INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.
  - b. Count every week in which the person did any work at all, even for an hour.
  - c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.
  - d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.
- 32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.
  - a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

- b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.
- c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.
- d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.
- e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.
- f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.
- g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

 If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this official Census Form and mail it back on Census Dav. Tuesday, April 1, 1980

# 1980 **Census of the United States**

If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:							
				· · · · · · · · · · · · · · · · ·			
					n na par na mar n'n waarnen .		
DO	Α1	A2	A4	A5 L	A6		

# Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

# Para personas de habla hispana

(For Spanish-speaking persons): SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla 🔲 y devuelva el cuestionario por correo en el sobre que se le incluye.

A message from the Director. Bureau of the Census ....

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years - or until April 1, 2052 - only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

U.S. Department of Commerce Bureau of the Census Form D-2

Form Approved OMB No 41-578006 Please continue -

## How to fill out your Census Form

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office The telephone number of the local office is shown at the bottom of the address box on the front cover

Use a black pencil to answer the questions Black pencil is better to use than ballpoint or other pens

Fill circles "O" completely, like this

When you write in an answer, print or write clearly

Make sure that answers are provided for everyone here

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7; fill a pair of pages for each person in the household

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope, no stamp is needed.

Please start by answering Question 1 below

# Question 1

#### List in Question 1

- Family members living here, including babies still in the hospital
- · Relatives living here
- · Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

#### Do Not List in Question 1

- . Any person away from here in the Armed Forces
- Any college student who stays somewhere else while attending college
- Any person who usually stays somewhere else most of the week while working there
- Any person away from here in an institution such as a home for the aged or mental hospital
- Any person staying or visiting here who has a usual home elsewhere

# 1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

#### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box  $\square$ .

Then please

- answer the questions on pages 2 through 5 only.
   and
- enter the address of your usual home on page 20.

	<b>T</b> 1	PERSON in column 1	PERSON in column 2		
Here are the OUESTIONS	These are the columns for ANSWERS	Last name	Last name		
¥	Please fill one column for each person listed in Question 1.	First name Middle initial	First name Middle initia		
2. How is this in column	person related to the person	START in this column with the household	If relative of person in column 1:		
Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.		<u>START</u> in this column with the household member (or one of the members) in whose name the home is owned or rented. If there	Son/daughter Other relative Other relative Brother/sister		
		is no such person, start in this column with any adult household member.			
3. Sex Fill one	e circle.	O Male 📃 💈 Female	O Male 🔳 O Fernale		
4. Is this person — Fill one circle.		White Asian Indian Black or Negro Hawaiian Japanese Guamanian Chinese Samoan Filipino Eskimo Korean Aleut Vietnamese Other - Specify Indian (Amer.)	<ul> <li>White</li> <li>Asian Indian</li> <li>Black or Negro</li> <li>Hawaiian</li> <li>Japanese</li> <li>Guamanian</li> <li>Chinese</li> <li>Samoan</li> <li>Filipino</li> <li>Eskimo</li> <li>Korean</li> <li>Aleut</li> <li>Vietnamese</li> <li>Other - Specify</li> <li>Indian (Amer.)</li> <li>Print tribe -</li> </ul>		
5. Age, and m	onth and year of birth	a. Age at last c. Year of birth birthday 1	a. Age at last c. Year of birth birthday 1		
a. Print age at last birthday.					
b. Print month	and fill one circle.	b. Month of 1 ● 8 ○ 10 ○ 10 ○ 10 ○	b. Month of 9 ○ 1 ○ 1 ○		
c. Frint year in below each	n the spaces, and fill one circle number.	birth     2 C     2 O       3 O     3 O       4 O     4 O       5 O     5 O       5 O     6 O       1 AprJune     7 O       0 July-Sept.     8 O       9 O     9 O	birth     2 0     2 0       3 0     3 0       4 0     4 0       5 0     5 0       6 0     6 0       AprJune     7 0       7 0     7 0       9 0     9 0		
6. Marital stat	us	Now married     Separated	O Now married O Separated		
Fill one circle	2.	Widowed     Vever married     Divorced	Widowed     Never married     Divorced		
7. Is this person of Spanish/Hispanic origin or descent? <i>Fill one circle.</i>		No (not Spanish/Hispanic) Yes, Mexican, Mexican-Amer., Chicano Yes, Puerto Rican Yes, Cuban Yes, other Spanish/Hispanic	<ul> <li>No (not Spanish/Hispanic)</li> <li>Yes, Mexican, Mexican-Amer., Chicano</li> <li>Yes, Puerto Rican</li> <li>Yes, Cuban</li> <li>Yes, other Spanish/Hispanic</li> </ul>		
8. <u>Since February 1, 1980</u> , has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diplomg or college degree.		<ul> <li>No, has not attended since February 1</li> <li>Yes, public school, public college</li> <li>Yes, private, church-related</li> <li>Yes, private, not church-related</li> </ul>	<ul> <li>No, has not attended since February 1</li> <li>Yes, public school, public college</li> <li>Yes, private, church-related</li> <li>Yes, private, not church-related</li> </ul>		
<ol> <li>What is the highest grade (or year) of regular school this person has ever attended?</li> <li>Fill one circle.</li> </ol>		Highest grade attended:       Nursery school       Kindergarten         Elementary inrough high school       (grade or year)       1         1       2       3       4       5       6       7       8       9       10       11       12	Highest grade attended:       Nursery school       Kindergarten         Elementary through high school (grade or year)       1       2       3       4       5       6       7       8       9       10       1       12		
		000000 00 000 0	000000 00 00'0 0		
If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."		College (academic year)         1       2       3       4       5       6       7       8 or more         O       O       O       O       O       O       O         Never attended school       - Skip question 10	College       (academic year)         1       2       3       4       5       6       7       8 or more         O       O       O       O       O       O       O       0		
10. Did this person finish the highest grade (or year) attended? <i>FIII one circle.</i>		<ul> <li>Now attending this grade (or year)</li> <li>Finished this grade (or year)</li> </ul>	<ul> <li>Now attending this grade (or year)</li> <li>Finished this grade (or year)</li> <li>Did not finish this grade (or year)</li> </ul>		

	Dare 2
PERSON in column 7	If you listed more than       NOW PLEASE ANSWER QUESTIONS H1-H12       Page 3         If you listed more than       FOR YOUR HOUSEHOLD         Persons in Question 1,       FOR YOUR HOUSEHOLD
First name Middle initial If relative of person in column 1:	H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here Very a condominium
O Husband/wife O Father/mother Son/daughter O Other relative Brother/sister	once in a while and has no other home?       If this is a one-family house -         Yes - On page 20 give name(s) and reason left out.       H10. If this is a one-family house -         No       Is the house on a property of 10 or more acres?         Yes       No
If not related to person in column 1: O Roomer, boarder O Partner, roommate O Paid employee	for example, on a vacation or in a hospital?       b. Is any part of the property used as a commercial establishment or medical office?         O Yes — On page 20 give name(s) and reason person is away.       O Yes O No
Male     Female       White     Asian Indian       Black or Negro     Hawaiian	<ul> <li>H3. Is anyone visiting here who is not already listed?</li> <li>Yes - On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.</li> <li>No</li> </ul> H11. If you live in a one-family house or a condominium unit which you own or are buying - What is the value of this property, that is, how much do you think this property (house and lot or point the person to a census taker.
<ul> <li>Japanese</li> <li>Guamanian</li> <li>Chinese</li> <li>Samoan</li> <li>Filipino</li> <li>Eskimo</li> <li>Korean</li> <li>Aleut</li> <li>Vietnamese</li> <li>Other - Specify</li> <li>Indian (Amer.)</li> <li>Print</li> </ul>	H4. How many living quarters, occupied and vacant, are at this address?       condominium unit) would sell for if it were for sale?         One       Do not answer this question if this is –         2 apartments or living quarters       A house on 10 or more acres         3 apartments or living quarters       A house with a commercial establishment or medical office on the property
a. Age at last c. Year of birth birthday $1$ b. Month of birth $2 \circ 1 \circ $	5 apartments or living quarters       Less than \$10,000       \$50,000 to \$54,999         6 apartments or living quarters       \$10,000 to \$14,999       \$55,000 to \$59,999         7 apartments or living quarters       \$15,000 to \$17,499       \$60,000 to \$64,999         8 apartments or living quarters       \$17,500 to \$17,499       \$60,000 to \$69,999         9 apartments or living quarters       \$17,500 to \$19,999       \$57,000 to \$69,999         10 or more apartments or living quarters       \$22,500 to \$22,499       \$70,000 to \$79,999
birth       2 0       2 0         3 0       3 0         4 0       4 0         5 0       5 0         0       JanMar.       6 0       6 0         0       AprJune       7 0       7 0         0       July-Sept.       8 0       8 0	This is a mobile home or trailer         \$25,000 to \$27,499         \$80,000 to \$89,999           H5. Do you enter your living quarters —         \$27,500 to \$29,999         \$90,000 to \$99,999           Directly from the outside or through a common or public hall?         \$30,000 to \$34,999         \$100,000 to \$124,999           Through someone else's living quarters?         \$40,000 to \$44,999         \$150,000 to \$199,999           H6. Do you have complete plumbing facilities in your living quarters,         \$45,000 to \$49,999         \$200,000 or more
OctDec.     9 0 9 0       Now married     Separated       Widowed     Never married       Divorced     Never married	that is, hot and cold piped water, a flush toilet, and a bathtub or shower?       H12. If you pay rent for your living quarters -         Yes, for this household only       What is the monthly rent?         Yes, but also used by another household       If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.         No, have some but not all plumbing facilities       Less than \$50       \$160 to \$169
<ul> <li>No (not Spanish/Hispanic)</li> <li>Yes, Mexican, Mexican-Amer., Chicano</li> <li>Yes, Puerto Rican</li> <li>Yes, Cuban</li> <li>Yes, other Spanish/Hispanic</li> </ul>	O No plumbing facilities in living quarters       \$50 to \$59       \$170 to \$179         H7. How many rooms do you have in your living quarters?       \$60 to \$69       \$180 to \$189         Do not count bathrooms, porches, balconles, foyers, halls, or half-rooms.       \$70 to \$79       \$190 to \$199         1 room       4 rooms       7 rooms       \$80 to \$89       \$200 to \$224         2 rooms       5 rooms       8 rooms       \$90 to \$99       \$225 to \$249
<ul> <li>No, has not attended since February 1</li> <li>Yes, public school, public college</li> <li>Yes, private, church-related</li> <li>Yes, private, not church-related</li> </ul>	3 rooms       6 rooms       9 or more rooms       \$100 to \$109       \$250 to \$274         H8. Are your living quarters       \$110 to \$119       \$275 to \$299         Owned or being bought by you or by someone else in this household?       \$130 to \$139       \$350 to \$349         Rented for cash rent?       \$140 to \$149       \$400 to \$499         Occupied without payment of cash rent?       \$150 to \$159       \$500 or more
Highest grade attended: O Nursery school O Kindergarten	TITLE FOR CENSUS USE ONLY ,
Elementary through high school (grade or year)           1         2         3         4         5         6         7         8         9         10         11         12           O         O         O         O         O         O         O         O         O	A4. Block     A6. Serial number     B. Type of unit or quarters     For vacant units     D. Months vacant     F. Total persons       0ccupied     0ccupied     0 Year round usc     0 Less than 1 month     0 Less than 1 month       0 Grating time     0 Seasonal/Mig Sk/p C2,     0 auto 6 months
College (academic year)         1       2       3       4       5       6       7       8 or more         O       O       O       O       O       O       O         Never attended school       Skip question 10	Image: Section of the section of th
<ul> <li>Now attending this grade (or year)</li> <li>Finished this grade (or year)</li> <li>Did not finish this grade (or year)</li> </ul>	5 5 5       5 5 5 5       elsewhere       O kented or sold, not occupied       E. Indicators       5 5 5         6 6 6       6 6 6 6       Group quarters       O ther vacant       1. 0 0 Mail return       6 6 6         2 7 2       2 7 2 7       O First form       C3. Is this unit boarded up?       2. 0 0 Pop./F       7 7 2
CENSUS USE ONLY A. OIONOO	SSS     SSSS     O Continuation     O Yes     O No     OO     SSS

113. Which best describes this building?	H21a. Which fuel is used most for house heating?	CENSUS
Include all apartments, flats, etc., even if vacant.	Gas: from underground pipes	USE
<ul> <li>A mobile home or trailer</li> </ul>	serving the neighborhood Coal or coke	H22a.
O A one-family house detached from any other house	Gas: bottled, tank, or LP Other fuel	000
A one-family house attached to one or more houses	Electricity     No fuel used	III
a building for 2 families	• Fuel oil, kerosene, etc.	5 5 5
A building for 3 or 4 families	b. Which fuel is used most for water heating?	3 3 3
A building for 5 to 9 families	○ Gas: from underground pipes	5 5 5
A building for 10 to 19 families     A building for 20 to 49 families	serving the neighborhood Coal or coke	555
A building for 50 or more families	Gas: bottled tank or i P     O Wood	2 2 2
	O Electricity	888
A boat, tent, van, etc.	Fuel oil, kerosene, etc.     No fuel used	999
		11001
4a. How many stories (floors) are in this building?	c. Which fuel is used most for cooking?	H22b.
Count an attic or basement as a story if It has any finished rooms for living purposes.	Gas: from underground pipes     serving the neighborhood     Coal or coke	
○ 1 to 3 - Skip to H15 ○ 7 to 12	Gas: bottled, tank, or LP	888
4 to 6 0 13 or more stories	<ul> <li>Class bottled, tank, of Er</li> <li>Other fuel</li> <li>Clectricity</li> <li>Other fuel</li> </ul>	3 3 3
	○ Fuel oil, kerosene, etc. ■ ○ No fuel used	9 9 9
b. Is there a passenger elevator in this building?		- 5 5 5
O Yes C No	H22. What are the costs of utilities and fuels for your living quarters?	666
	a. Electricity	2 2 2
5a. Is this building —	Flectricity pat used	8 8 8
On a city or suburban lot, or on a place of less than 1 acre? - Sk/p to H16	Average monthly cost	999
On a place of 1 to 9 acres?	b. Gas	H22c.
On a place of 10 or more acres?	\$ .00 OR Included in rent or no charge	0 0 0
	Average monthly cost O Gas not used	
b. Last year, 1979, did sales of crops, livestock, and other farm products	c. Water	8 8 8
from this place amount to -	\$ .00 OR O Included in rent or no charge	3 3 3
Less than \$50 (or None)	Yearly cost	9 9 9
© \$50 to \$249	d. Oll, coal, kerosene, wood, etc.	1 5 5 5
	O testuded is used as above	666
6. Do you get water from -	These fuels not used	2 2 2
A public system (city water department, etc.) or private company?	Yearly cost	888
<ul> <li>A public system (<i>infy water department</i>, <i>etc.</i>) or private company:</li> <li>An individual drilled well?</li> </ul>	H23. Do you have complete kitchen facilities? Complete kitchen facilities	999
An individual dug well?	are a sink with piped water, a range or cookstove, and a refrigerator.	H22d.
• Some other source (a spring, creek, river, cistern, etc.)?	🔿 Yes 📑 O No	0000
7. Is this building connected to a public sewer?	H24. How many bedrooms do you have?	
<ul> <li>Yes, connected to public sewer</li> </ul>	Count rooms used mainly for sleeping even if used also for other purposes.	5555
<ul> <li>Yes, connected to public sever</li> <li>No, connected to septic tank or cesspool</li> </ul>	No bedroom     O     2 bedrooms     4 bedrooms	3333
<ul> <li>No, use other means</li> </ul>	O' 1 bedroom O 3 bedrooms O 5 or more bedrooms	9-9-9-9-
		5555
8. About when was this building originally built? Mark when the building was	H25. How many bathrooms do you have?	6666
first constructed not when it was camodalad addad to an converted		
first constructed, not when It was remodeled, added to, or converted.	A complete bathroom is a room with flush tollet, bathtub or shower, and	
○ 1979 or 1980 ○ 1960 to 1969 ○ 1940 to 1949	wash basin with piped water.	8888
○ 1979 or 1980 ○ 1960 to 1969 ○ 1940 to 1949 ○ 1975 to 1978 ○ 1950 to 1959 ○ 1939 or earlier	wash basin with piped water. A <u>half</u> bathroom has at least a flush tollet <u>or</u> bathtub or shower, but does	8888
○ 1979 or 1980 ○ 1960 to 1969 ○ 1940 to 1949	wash basin with piped water. A <u>half</u> bathroom has at least a fiush toilet <u>or</u> bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom.	8888
<ul> <li>1979 or 1980</li> <li>1960 to 1969</li> <li>1940 to 1949</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 tc. 1974</li> </ul>	wash basin with piped water. A <u>half</u> bathroom has at least a flush tollet <u>or</u> bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom. No bathroom, or only a half bathroom	8888
<ul> <li>1979 or 1980</li> <li>1960 to 1969</li> <li>1940 to 1949</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 tc. 1974</li> </ul>	wash basin with piped water. A <u>half</u> bathroom has at least a flush tollet <u>or</u> bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom. O No bathroom, or only a half bathroom O 1 complete bathroom	8888
○ 1979 or 1980       ○ 1960 to 1969       ○ 1940 to 1949         ○ 1975 to 1978       ○ 1950 to 1959       ○ 1939 or earlier         ○ 1970 tc. 1974       □         9. When did the person listed in column 1 move into	wash basin with piped water. A <u>half</u> bathroom has at least a flush tollet <u>or</u> bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom. No bathroom, or only a half bathroom	8888 99999 0000 1111
<ul> <li>1979 or 1980 ○ 1960 to 1969 ○ 1940 to 1949</li> <li>1975 to 1978 ○ 1950 to 1959 ○ 1939 or earlier</li> <li>1970 tc 1974 </li> <li>When did the person listed in column 1 move into this house (or apartment)?</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         1 complete bathroom, plus half bath(s)         2 or more complete bathrooms	8888 9999 0000 1111 1111 5355
<ul> <li>1979 or 1980 ○ 1960 to 1969 ○ 1940 to 1949</li> <li>1975 to 1978 ○ 1950 to 1959 ○ 1939 or earlier</li> <li>1970 tc 1974 </li> <li>9. When did the person listed in column 1 move into this house (or apartment)?</li> <li>1979 or 1980 ○ 1950 to 1959</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         1 complete bathroom, plus half bath(s)	8888 99999 0000 1111 2228 3333
<ul> <li>1979 or 1980 ○ 1960 to 1969 ○ 1940 to 1949</li> <li>1975 to 1978 ○ 1950 to 1959 ○ 1939 or earlier</li> <li>1970 tc 1974 </li> <li>When did the person listed in column 1 move into this house (or apartment)?</li> <li>1979 or 1980 ○ 1950 to 1959</li> <li>1975 to 1978 ○ 1949 or earlier</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         1 complete bathroom, plus half bath(s)         2 or more complete bathrooms	8888 9999 0000 1111 2222 3333 4444
<ul> <li>1979 or 1980 ○ 1960 to 1969 ○ 1940 to 1949</li> <li>1975 to 1978 ○ 1950 to 1959 ○ 1939 or earlier</li> <li>1970 tr. 1974 </li> <li>When did the person listed in column 1 move into this house (or apartment)?</li> <li>1979 or 1980 ○ 1950 to 1959</li> <li>1975 to 1978 ○ 1940 or earlier</li> <li>1970 to 1974 ○ Always lived here</li> <li>1960 to 1969</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         2 or more complete bathrooms    H26. Do you have a telephone in your living quarters?          Yes       No	8888 99999 0000 1111 2228 3333
<ul> <li>1979 or 1980 ○ 1960 to 1969 ○ 1940 to 1949</li> <li>1975 to 1978 ○ 1950 to 1959 ○ 1939 or earlier</li> <li>1970 tc 1974 </li> <li>When did the person listed in column 1 move into this house (or apartment)?</li> <li>1979 or 1980 ○ 1950 to 1959</li> <li>1975 to 1978 ○ 1949 or earlier</li> <li>1970 to 1974 ○ Always lived here</li> <li>1960 to 1969</li> <li>How are your living quarters heated?</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         Mathematical         H27. Do you have air conditioning?	8888 99999 0000 1111 2222 3333 444 445555
○       1979 or 1980       ○       1960 to 1969       ○       1940 to 1949         ○       1975 to 1978       ○       1950 to 1959       ○       1939 or earlier         ○       1970 tr: 1974       □       □       □       □         9.       When did the person listed in column 1 move into this house (or apartment)?       □       □       □         ○       1979 or 1980       ○       1950 to 1959       □       □         ○       1979 or 1980       ○       1950 to 1959       □       □         ○       1975 to 1978       □       1949 or earlier       □       □       □         □       1970 to 1974       □       Always lived here       □       □       □       □         □       1960 to 1969       □	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         1 complete bathroom, pus half bath(s)         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         No         H27. Do you have air conditioning?         Yes, a central air-conditioning system	8888 99999 00000 1111 2225 3333 444 5555 5555 6666
○       1979 or 1980       ○       1960 to 1969       ○       1940 to 1949         ○       1975 to 1978       ○       1950 to 1959       ○       1939 or earlier         ○       1970 tr. 1974       ●       ●       1950 to 1959       ○       1939 or earlier         9.       When did the person listed in column 1 move into this house (or apartment)?       ○       1970 ro 1980       ○       1950 to 1959         ○       1979 or 1980       ○       1950 to 1959       ○       1975 to 1978       ○       1949 or earlier         ○       1970 to 1974       ○       Always lived here       ○       1960 to 1969         9.       How are your living quarters heated?       Fill <u>one</u> circle for the kind of heat used most.       ○       Steam or hot water system	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         0 to complete bathroom, or only a half bath(s)         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         No         H27. Do you have air conditioning?         Yes, a central air-conditioning system         Yes, 1 individual room unit	8888 99999 0000 1111 8333 444 444 5555 6666 67777
○       1979 or 1980       ○       1960 to 1969       ○       1940 to 1949         ○       1975 to 1978       ○       1950 to 1959       ○       1939 or earlier         ○       1970 tc 1974       •       •       1950 to 1959       ○       1939 or earlier         9.       When did the person listed in column 1 move into this house (or apartment)?       •       1979 or 1980       ○       1950 to 1959         ○       1979 or 1980       ○       1950 to 1959       ○       1975 to 1978       ○       1949 or earlier         ○       1970 to 1974       ○       Always lived here       ○       1960 to 1969         9.       How are your living quarters heated?       •       Fill one circle for the kind of heat used most.       ○         ○       Steam or hot water system       •       Central warm-air furnace with ducts to the individual rooms	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom, jus half bathroom         0 to complete bathroom, jus half bath(s)         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         No         H27. Do you have air conditioning?         Yes, a central air-conditioning system         Yes, 2 or more individual room unit         Yes, 2 or more individual room units	8     8     8     9     9     9       0     0     0     0     0       1     1     1     1       2     2     3     3       4     4     4       5     5     5       6     6     6       7     7     7       8     8     8       9     9     9
<ul> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 tr. 1974</li> <li>9. When did the person listed in column 1 move into this house (or apartment)?</li> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1975 to 1978</li> <li>1949 or earlier</li> <li>1970 to 1974</li> <li>Always lived here</li> <li>1960 to 1969</li> </ul> 9. How are your living quarters heated? Fill one circle for the kind of heat used most. <ul> <li>Steam or hot water system</li> <li>Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         0 to complete bathroom, or only a half bath(s)         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         No         H27. Do you have air conditioning?         Yes, a central air-conditioning system         Yes, 1 individual room unit	8     8     8     9     9     9       0     0     0     0     0       1     1     1     1       2     2     2     3     3       4     4     4     4       5     5     5     5       6     6     6     7       7     7     7     8       9     9     9     9       0     0     0     0
<ul> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 tc 1974</li> <li>1970 tc 1974</li> <li>1970 ro 1980</li> <li>1950 to 1959</li> <li>1975 to 1978</li> <li>1975 to 1978</li> <li>1975 to 1978</li> <li>1970 to 1974</li> <li>1970 to 1974</li> <li>Always lived here</li> <li>1960 to 1969</li> <li>How are your living quarters heated?</li> <li>Fill one circle for the kind of heat used most.</li> <li>Steam or hot water system</li> <li>Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li>Electric heat pump</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom, jus half bathroom         0 to complete bathroom, jus half bath(s)         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         No         H27. Do you have air conditioning?         Yes, a central air-conditioning system         Yes, 2 or more individual room unit         Yes, 2 or more individual room units	8888 99999 00000 1111 1111 3333 444 444 5555 6666 7777 8888 8556 29999 90000 1111 1
<ul> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 tr. 1974</li> <li>9. When did the person listed in column 1 move into this house (or apartment)?</li> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1949 or earlier</li> <li>1970 to 1974</li> <li>Always lived here</li> <li>1960 to 1969</li> </ul> 9. How are your living quarters heated? Fill one circle for the kind of heat used most. <ul> <li>Steam or hot water system</li> <li>Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li>Electric heat pump</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         0 to complete bathroom, put half bath(s)         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         Yes, a central air-conditioning system         Yes, 1 individual room unit         Yes, 2 or more individual room units	8888 99999 999000 1111 1111 3333 444 444 444 444 5555 6667 7777 8888 8555 6662 9999 9999 90000 11111 1111 25555 55555 9999 9999 90000
<ul> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 tr. 1974</li> <li>1970 tr. 1974</li> <li>1970 or apartment)?</li> <li>1979 or 1980</li> <li>1950 to 1959</li> <li>1975 to 1978</li> <li>1970 to 1974</li> <li>1949 or earlier</li> <li>1970 to 1974</li> <li>Always lived here</li> <li>1960 to 1969</li> </ul> <b>O.</b> How are your living quarters heated? Fill one circle for the kind of heat used most. <ul> <li>Steam or hot water system</li> <li>Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li>Electric heat pump</li> <li>Other built-in electric units (permanently installed in wall, ceiling,</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom,         0 to complete bathroom,         1 complete bathroom,         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         No         H27. Do you have air conditioning?         Yes, a central air-conditioning system         Yes, 2 or more individual room unit         Yes, 2 or more individual room units         No	8       8       8       9       9       9         0       0       0       0       0       0       1       1       1       1       2       2       3       3       3       4       4       4       5
<ul> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 to 1974</li> <li>1970 to 1978</li> <li>1970 to 1974</li> <li>Always lived here</li> <li>1960 to 1969</li> </ul> 20. How are your living quarters heated? Fill one circle for the kind of heat used most. <ul> <li>Steam or hot water system</li> <li>Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li>Electric heat pump</li> <li>Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom,         0 to complete bathroom, or only a half bath(s)         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         No         H27. Do you have air conditioning?         Yes, a central air-conditioning system         Yes, 2 or more individual room unit         Yes, 2 or more individual room units         No	8       8       8       9       9       9         0       0       0       0       0       0       0       0       1       1       1       1       1       2       2       3       3       3       4       4       4       5       5       5       6       6       6       7       7       7       8       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9       9
<ul> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 to 1974</li> <li>1970 to 1978</li> <li>1970 to 1974</li> <li>Always lived here</li> <li>1960 to 1969</li> </ul> Or How are your living quarters heated? Fill one circle for the kind of heat used most. <ul> <li>Steam or hot water system</li> <li>Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li>Electric heat pump</li> <li>Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li>Floor, wall, or pipeless furnace</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         1 complete bathroom, plus half bath(s)         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         Yes, a central air-conditioning system         Yes, 2 or more individual room unit         Yes, 2 or more individual room units         No         H28. How many automobiles are kept at home for use by members of your household?         0 Your household?         3 or more automobiles	8       8       8       9       9       9         0       0       0       0       0       0       1       1       1       1       2       2       2       3       3       4       4       5       5       5       6       6       6       6       6       6       6       6       6       7       7       7       8       8       8       9
<ul> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 to 1974</li> <li>1970 to 1974</li> <li>1970 to 1978</li> <li>1970 to 1978</li> <li>1970 to 1978</li> <li>1970 to 1978</li> <li>1970 to 1974</li> <li>Always lived here</li> <li>1960 to 1969</li> </ul> 20. How are your living quarters heated? Fill one circle for the kind of heat used most. <ul> <li>Steam or hot water system</li> <li>Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li>Electric heat pump</li> <li>Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li>Floor, wall, or pipeless furnace</li> <li>Room heaters with flue or vent, burning gas, oil, or kerosene</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom, jus half bath(s)         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         Yes, a central air-conditioning system         Yes, 2 or more individual room unit         Yes, 2 or more individual room units         No         H28. How many automobiles are kept at home for use by members of your household?         None       2 automobiles         1 automobile       3 or more automobiles	8       8       8       8       8       8       9       1
<ul> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 to 1974</li> <li>1960 to 1969</li> </ul> 20. How are your living quarters heated? Fill one circle for the kind of heat used most. <ul> <li>Steam or hot water system</li> <li>Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li>Electric heat pump</li> <li>Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li>Floor, wall, or pipeless furnace</li> <li>Room heaters with flue or vent, burning gas, oil, or kerosene (not portable)</li> </ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         0 to complete bathrooms         1 complete bathrooms         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         Yes         Yes, a central air-conditioning system         Yes, 2 or more individual room unit         Yes, 2 or more individual room units         No         H28. How many automobiles are kept at home for use by members of your household?         None       2 automobiles         1 automobile       3 or more automobiles         H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?	8       8       8       8       8       9       1
<ul> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 tc 1974</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 tc 1974</li> <li>1970 to 1978</li> <li>1975 to 1978</li> <li>1975 to 1978</li> <li>1970 to 1974</li> <li>Always lived here</li> <li>1960 to 1969</li> </ul> 20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i> <ul> <li>Steam or hot water system</li> <li>Central warm-air furnace with ducts to the individual rooms (<i>Do not count electric heat pumps here</i>)</li> <li>Electric heat pump</li> <li>Other built-in electric units (<i>permanently installed in wall, ceiling, or baseboard</i>) Floor, wall, or pipeless furnace <ul> <li>Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li>Room heaters with flue or vent, burning gas, oil, or kerosene (<i>not portable</i>)</li> <li>Fireplaces, stoves, or portable room heaters of any kind</li> </ul></li></ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         0 to complete bathrooms         1 complete bathrooms         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         Yes         Yes, a central air-conditioning system         Yes, 1 individual room unit         Yes, 2 or more individual room units         No         H28. How many automobiles are kept at home for use by members of your household?         None       2 automobiles         H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?         None       2 vans or trucks	8       8       8       8       8       8       9       1
<ul> <li>1979 or 1980</li> <li>1975 to 1978</li> <li>1950 to 1959</li> <li>1939 or earlier</li> <li>1970 tc 1974</li> <li>1970 to 1974</li> <li>1970 to 1978</li> <li>1970 to 1978</li> <li>1970 to 1978</li> <li>1970 to 1978</li> <li>1970 to 1974</li> <li>Always lived here</li> <li>1960 to 1969</li> </ul> 20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i> <ul> <li>Steam or hot water system</li> <li>Central warm-air furnace with ducts to the individual rooms (<i>Do not count electric heat pumps here</i>)</li> <li>Electric heat pump</li> <li>Other built-in electric units (<i>permanently installed in wall, ceiling, or baseboard</i>) <ul> <li>Floor, wall, or pipeless furnace</li> <li>Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li>Room heaters with flue or vent, burning gas, oil, or kerosene (<i>not portable</i>) <ul> <li>Fireplaces, stoves, or portable room heaters of any kind</li> </ul></li></ul></li></ul>	wash basin with piped water.         A half bathroom has at least a flush tollet or bathtub or shower, but does not have all the facilities for a complete bathroom.         No bathroom, or only a half bathroom         1 complete bathroom         0 to complete bathrooms         1 complete bathrooms         2 or more complete bathrooms         H26. Do you have a telephone in your living quarters?         Yes         Yes         Yes, a central air-conditioning system         Yes, 2 or more individual room unit         Yes, 2 or more individual room units         No         H28. How many automobiles are kept at home for use by members of your household?         None       2 automobiles         1 automobile       3 or more automobiles         H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?	8       8       8       9       9       9         0       0       0       0       0       1       1       1       1       2       2       3       3       3       4       4       4       5

### Appendix E.-Facsimiles of Respondent Instructions and Questionnaire Pages

Please answer H30–H32 if you live in a one-family house		
which you own or are buying, <u>unless</u> this is -		
A mobile home or trailer		
	rent your unit or this is a	
A house with a commercial establishment	kip H30 to H32 and turn to page 6.	
or medical office on the property )		
What were the real estate taxes on <u>this</u> property last year?	c. How much is your total regular monthly payment to the lender? Also include payments on a contract to purchase and to lenders holding	
\$00 OR © None	second or junior mortgages on this property.	
/hat is the annual premium for fire and hazard insurance on this property?	\$00 OR © No regular payment required — S	pag
	d. Does your regular monthly payment (amount entered in H32c) include	•
\$ .00 OR None	payments for real estate taxes on this property?	
	Yes, taxes included in payment	
Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?	No, taxes paid separately or taxes not required	
Yes, mortgage, deed of trust, or similar debt	e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?	•
Yes, contract to purchase	Yes, insurance included in payment	
No - Skip to page 6	No, insurance paid separately or no insurance	
Do you have a second or junior mortgage on this property?		
D Yes D No		
	Please turn to page 6	
······································	*****	
FOR CENSI	US USE ONLY	2
FOR CENSI	1) 2 4. 2 2 4 3 2 4	2
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FOR CENSI	1       2       4.       2       2.       4.       3       2.       4.         S.S.       I <td< td=""><td></td></td<>	
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FOR CENSI	1       2       4.       2       2.       4.       3       2.       4.         S.S.       I <td< td=""><td></td></td<>	
FOR CENSI	1       2       4.       2       2.       4.       3       2.       4.         S.S.       I <td< td=""><td></td></td<>	
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	1       2       4.       2       2.       4.       3       2.       4.         S.S.       I <td< td=""><td></td></td<>	

Page 6		ANSWER THESE QUESTIONS FO		
Name of	16. When was this person born?	22a. Did this person work at any time last week?		
Person 1	<ul> <li>Born before April 1965 —</li> </ul>	○ Yes — Fill this circle If this ○ No — Fill this circle		
on page 2:	Please go on with questions 17-33	person worked full if this person		
Lost name First name Middle initial	Born April 1965 or later -	time or part time. did not work,		
11. In what State or foreign country was this person born?	Turn to next page for next person	(Count part-time work or did only own		
Print the State where this person's mother was living	17. In April 1975 (five years ago) was this person —	such as delivering papers, housework, or helping without pay in school work,		
when this person was born. Do not give the location of	a. On active duty in the Armed Forces?	a family business or farm. or volunteer		
the hospital unless the mother's home and the hospital were in the same State.	O Yes O No	Also count active duty work.		
were in the same state.	b. Attending college?	in the Armed Forces.)		
	O Yes O No	Skip to 25		
Name of State or foreign country; or Puerto Rico, Guam, etc.	- Marting at a jab as business?	b. How many hours did this person work last week		
12. If this person was born in a foreign country -	c. Working at a job or business?       b. How many hours did this person work last week         (at all jobs)?       (at all jobs)?         Subtract any time off; add overtime or extra hours worked.			
a. Is this person a naturalized citizen of the		Subtract any time off; add overtime or extra hours worked.		
United States?				
<ul> <li>Yes, a naturalized citizen</li> </ul>	18a. Is this person a veteran of active-duty military	Hours		
<ul> <li>No, not a citizen</li> </ul>				
<ul> <li>Born abroad of American parents</li> </ul>				
b. When did this person come to the United States				
to stay?		If one location cannot be specified, see instruction auide.		
○ 1975 to 1980 ○ 1965 to 1969 ○ 1950 to 1959		, , , , , , , , , , , , , , , , , , , ,		
○ 1970 to 1974 ○ 1960 to 1964 ○ Before 1950		a. Address (Number and street)		
0 13/0 (0 13/4 0 1300 (0 1304 0 Belore 1350	-			
13a. Does this person speak a language other than				
English at home?				
[- ○ Yes ○ No, only speaks English - Skip to 14				
		b. Name of city, town, village, borough, etc.		
b. What is this language?		-		
(For example - Chinese, Italian, Spanish, etc.)	Yes No.			
c. How well does this person speak English?		• Yes • No, in unincorporated area		
O Very well O Not well	h Prevents this person from working at a joh?			
O Well O Not at all		d. County		
1	from using public transportation?			
14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.	20. If this person is a female - None 1 2 3 4 5 6	4 700 Co.do		
	How many babies has she ever 0 00000	e. State f. ZIP Code		
	had, not counting stillbirths?	24a. Last week, how long did it usually take this person		
	Do not count her stepchildren 7 8 9 10 11 12 or more	to get from home to work (one way)?		
(For example: Afro-Amer., English, French, German, Honduran Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican,	or children she has adopted.	Minutes		
Nigerian, Polish, Ukrainian, Venezuelan, etc.)	21. If this person has ever been married -			
	a. Has this person been married more than once?	b. How did this person usually get to work last week?		
15a. Did this person live in this house five years ago (April 1, 1975)?	Once O More than once	If this person used more than one method, give the one usually used for most of the distance.		
If in college or Armed Forces in April 1975, report place	b. Month and year Month and year			
of residence there.	of marriage? of first marriage?	Car Caricab		
O Born April 1975 or later - Turn to next page for		O Van O Bicycle		
• Yes, this house - Skip to 16	(Month) (Year) (Month) (Year)	O Bus or streetcar O Walked only		
─ ○ No, different house	c. If married more than once - Did the first marriage	Railroad     Worked at home     Subway or elevated     Ôther — Specify — z		
	end because of the death of the husband (or wife)?	If car, truck, or van in 24b, go to 24c.		
b. Where did this person live five years ago	O Yes O No	Otherwise, skip to 28.		
(April 1, 1975)?	EOD CENSU	S USE ONLY,		
(1) State, foreign country,		harring the state of the second state of the s		
Puerto Rico,	Per. 11. 13b. 14.	15b. 23. OVL 24a.		
Guam, etc.:	No.         0			
(2) County:	3 333 333 333 333 333	333 333 333 333 333 333 333		
(3) City, town,		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		
village, etc.:	5     555     555     555       6     666     666     666	555 555 555 555 555 555 666 666 666 666		
(4) Inside the incorporated (legal) limits	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	777 777 777 777 777 77		
of that city, town, village, etc.?	0 888 888 888 888	888 888 888 888 888 88		
Yes O No, in unincorporated area	999 999 999 999	222 222 222 222 222 222 222		

### Appendix E.-Facsimiles of Respondent Instructions and Questionnaire Pages

ON 1 ON PAGE 2	CENSUS			Pa
<ul> <li>C. When going to work <u>last week</u>, did this person usually —</li> <li>○ Drive alone — Sk/p to 28</li> <li>○ Drive others only</li> </ul>	USE	31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?	CENSUS L	JSE ONLY
O Share driving O Ride as passenger only	21b.	○ Yes	31b. 31c.	31d.
I. How many people, including this person, usually rode	100		00000	
to work in the car, truck, or van last week?	011	b. How many weeks did this person work in 1979?	- I )   I )   2 .   2 8	
02 04 06	1133	Count pald vacation, paid sick leave, and military service.	3 4 3 3	
0 3 0 5 0 7 or more	09-9	Weeks	99999	
After answering 24d, skip to 28.	III 5 ·	weeks	55 55	
Was this person temporarily absent or on layoff from a job	066	c. During the weeks worked in 1979, how many hours did	6 56	G
or business last week?	6.0	this person usually work each week?	1 7 7	1
<ul> <li>Yes, on layoff</li> </ul>	IV S S	Hours	1 88	
<ul> <li>Yes, on vacation, temporary illness, labor dispute, etc.</li> </ul>	0.012		0 0 9	9 9
O No	22b.	d. Of the weeks not worked in 1979 (if any), how many weeks	32a.	32b.
. Has this person been looking for work during the last 4 weeks	00	was this person looking for work or on layoff from a job?	0000	0000
- O Yes O No - Skip to 27	ΪI	Weeks	TTTT	IIII
- 0 Tes 0 NO - 3kip to 27	8.8		8833	5555
D. Could this person have taken a job last week?	33	32. Income in 1979 —	3 2 3 3	3333
O No, already has a job		Fill circles and print dollar amounts.		4.4.4.4 55555
<ul> <li>No, temporarily ill</li> </ul>	, G	If net Income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income	5555	6666
<ul> <li>No, other reasons (in school, etc.)</li> </ul>	2.0	received jointly by household members, see instruction guide.	2172	2777
<ul> <li>Yes, could have taken a job</li> </ul>	26.55		- 2 2 2 <u>2</u>	8888
When did this person last work, even for a few days?		During 1979 did this person receive any income from the	0.000	5599
1980 1978 1970 to 1974	28	following sources?	A O	O A C
0 1979 1975 to 1977 1969 or earlier	ABC	If "Yes" to any of the sources below - How much did this	32c.	32d.
Never worked 31d	ABC	person receive for the entire year?	0000	0000
-30. Current or most recent job activity	-	a. Wages, salary, commissions, bonuses, or tips from	ΓΙΙΙ	IIII
Describe clearly this person's chief job activity or business last week.	DEF	all jobs Report amount before deductions for taxes, bonds,	6848	15555
If this person had more than one job, describe the one at which		dues, or other items.	3333	3333
this person worked the most hours.	GHJ	○ Yes → \$ .00	5 7 5 5	4444 5555
If this person had no job or business last week, give information for last job or business cinco 1975	20)0° C	○ No (Annual amount – Dollars)	6666	6666
last job or business since 1975.	KLM	b. Own nonfarm business, partnership, or professional	7777	1 2 2 2 2
Industry	1.10	practice Report <u>net</u> income after business expenses.	8088	8888
a. For whom did this person work? If now on active duty in the		Yes \$ .00	2999	5000
Armed Forces, print "AF" and skip to question 31.	000	No (Annual amount – Dollars)	O A C	U AC
	. 1 1	c. Own farm,	32e.	32f.
(Name of company, business, organization, or other employer)		Report net income after operating expenses. Include earnings as	0000	0000
b. What kind of business or industry was this?		a tenant farmer or sharecropper.	111	
Describe the activity at location where employed.		○ Yes → \$ .00	0.8.6	183
		No (Annual amount – Dollars)	3 3 3	3 3 1
(For example: Hospital, newspaper publishing, mail order house,	- L	d. Interest, dividends, royalties, or net rental income	9.9-9	9-9-9
auto engine manufacturing, breakfast cereal manufacturing)	18	Report even small amounts credited to an account.	555	555
c. Is this mainly - (Fill one circle)		No	666	666
Manufacturing Retail trade	AF 🗇	· Yes → \$ .00	111 201	777 885
Wholesale trade Other — (agriculture, construction service, government, etc.	7, NW .	(Annual amount – Dollars)	- 999	59.
Occupation	4	e. Social Security or Railroad Retirement		
a. What kind of work was this person doing?	29.	● Yes → \$ .00	32g	33.
	NPQ	<ul> <li>No (Annual amount – Dollars)</li> </ul>	0000	0000
(For example: Registered nurse, personnel manager, supervisor of	000	f. Supplemental Security (SSI), Aid to Families with	ÎÎÎÎI	IIII
order department, gasoline engine assembler, grinder operator]	RST	Dependent Children (AFDC), or other public assistance	8888	8888 3333
b. What were this person's most important activities or duties?	2 000	or public welfare payments	3333 4 0 - 4 - 0 -	9999
	UVW	○ Yes → \$	5555	5555
(For example: Patient care, directing hiring policies, supervising	- Tr	No (Annual amount – Dollars)	GGGG	GGGG
order clerks, assembling engines, operating grinding mill)	XYZ		2222	2222
Was this person - (FIII one circle)		g. Unemployment compensation, veterans' payments,	8888	8888
Employee of private company, business, or		pensions, alimony or child support, or any other sources of income received regularly	19999 1997	9999
individual, for wages, salary, or commissions	0.0	Exclude lump-sum payments such as money from an Inheritance		O A C
Federal government employee	II	or the sale of a home.		
State government employee			55 53	
Local government employee (city, county, etc.)	3 2 3		33 33	
	999	(Annual amount – Dollars)	- q. q. q. q	
Self-employed in own business,	666	33. What was this person's total income in 1979?	55 55	
professional practice or farm -		Add entries in questions 32a	66 60	S G G G
professional practice, or farm — Own business not incorporated.	612	· · · · · · · · · · · · · · · · · · ·		
Own business not incorporated		through g; subtract any losses. \$ .00 (Annual amount - Dollars)	22 22	2 2 2 2
Own business not incorporated	6 1 2	· · · · · · · · · · · · · · · · · · ·		2 7 7 7 3 8 8 8

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts-Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both completecount data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas-Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning generalpurpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics— These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White;Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

#### **Population Census Reports**

PC80-1, Volume 1, Characteristics of the Population-This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas-Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, count; subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics-Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veterar. status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and crossclassified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

"C80-2, Volume 2, Subject Reports--Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and crossclassifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports--These reports present special compilations of

1980 census statistics dealing with specific population subjects.

#### Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units-This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas-Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area. chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics-Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and crossclassification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports-Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified) with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance— This volume consists of one report presenting statistics on the financing of nonfarm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports— These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

#### **Evaluation and Reference Reports**

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports-These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in looseleaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History-This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses. PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme-This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

#### **COMPUTER TAPES**

#### Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the details of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific. file and in the PHC80-R1, Users' Guide.

STF 1-This STF provides 321 cells of complete-count population and housing data. Data are summarized for the Unitedr States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2-This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group, present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3-This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports. STF 4-This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5-This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

#### Other Computer Tape Files

P.L. 94-171, Population Counts-In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

# Master Area Reference Files 1 and 2 (MARF)

MARF 1-This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

#### MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-ofreproduction basis.

#### MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfich**e–Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**-Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

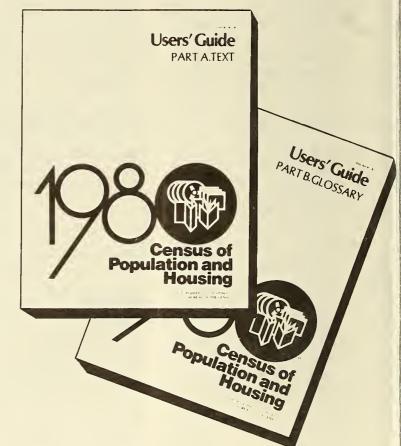
# 1980 Census of Population and Housing

# **Users' Guide**

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- Part A. Text -Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- Part B. Glossary—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- Sources of Assistance-Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- Updates-Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

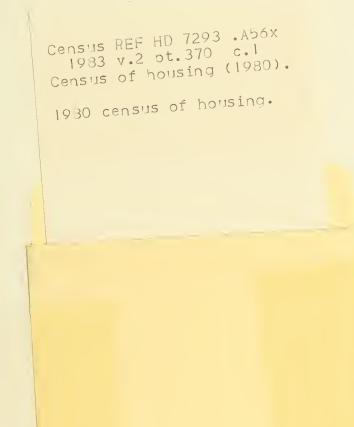
Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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